

PART 7 - DESIGNATIONS

Using Part 7

Designations are shown in the Unitary Plan as:

- A schedule for each requiring authority which summarises the designations and notices of requirement (NoRs) they are responsible for;
- A full text version of each designation and NoR, which includes the purpose of the designation and any conditions; and
- An overlay on the planning maps for each designation and NoR, which shows the extent of the designation boundaries.

1 Schedules

The schedule(s) for each requiring authority are a quick reference list of all the designations a requiring authority is responsible. The schedules do not form part of a designation and the full text version of a designation should be relied upon for information on a designation.

The schedule identifies for each designation (from left to right):

- The number¹ of the designation;
- The purpose² of the designation; and
- The location³ of the designation.

An example of the Auckland Council's schedule of designations is set out below.

Designation Schedule - Auckland Council

Number	Description	Location
500	Auckland City Art Gallery ...	1 Kitchener Street, Auckland Central
501	Public open space	43-45 Viaduct Harbour Avenue to 119-117B and C Custom Street East, Central Auckland
....

Notes

1. The letter "R" at the front of the designation number indicates this is a NoR. Once a NoR is confirmed the letter "R" will be removed.
2. Sometimes the purpose of the designation has been shortened to fit the schedule. The purpose of the designation in the full text version of the designation should always be relied upon for information on a designation.
3. The location is intended to describe where the designation can be found on the planning maps (GIS viewer), which will show the extent of the designation boundaries. The location is normally described as the street address or legal description of the whole or part of the designated site, or the general locality for a designation over a large area. If the location changes (i.e. change of address or legal description in a subdivision), the designation may be updated with these new details without an alteration to the designation using section 181 of the RMA.

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2 Text

The full text version of a designation should be relied on for information on the designation.

The full text version of the designation identifies (from top to bottom):

- The number¹ and name of the designation (in the header);
- The number¹ of the designation (first line of the table);
- The requiring authority responsible for the designation;
- The location³ of the designation;
- Whether it is a rollover designation from the previous district plan;
- The reference number of the rollover designation under the previous district plan;
- The lapse date⁴ which is the date the designation lapses¹ unless it has been given effect (i.e. no not lapse);
- The purpose of the designation (beneath the table);
- The conditions of the designation; and
- Any attachments to the designation such as plans and diagrams.

An example of Auckland Council's full text version of the designation for the Auckland City Art Gallery is set out below.

500 Auckland City Art Gallery

Reference Number	500
Requiring Authority	Auckland Council
Location	1 Kitchener Street, Auckland Central
Rollover Designation	Yes
Legacy Reference Number	Designation 306, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

This designation provides for the development, operation and maintenance of Auckland Art Gallery Toi o Tamaki and ancillary activities. The development works encompassed by this designation principally involve ...

Conditions

Plans and Information

1. The height, shape, and bulk of the proposed building works shall be carried out generally in accordance with the plans listed in the table below and which are comprised in Appendix 1 to these conditions (*these plans available on request*): ... etc

Attachments

No attachments.

Notes

1. The letter "R" at the front of a designation number indicates this is a NoR. Once a NoR is confirmed the letter "R" will be removed.
2. The name of a designation in the header is non-statutory and does not form part of the purpose of a

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designation. If the non-statutory name changes (i.e. a park or road is renamed), the designation may be updated with these new details without an alteration to the designation using section 181 of the RMA.

3. The location is intended to describe where the designation can be found on the planning maps (GIS viewer), which will show the extent of the designation boundaries. The location is normally described as the street address or legal description of the whole or part of the designated site, or the general locality for a designation over a large area. If the location changes (i.e. change of address or legal description in a subdivision), the designation may be updated with these new details without an alteration to the designation using section 181 of the RMA.
4. If the lapse date of the designation is changed by giving effect to the designation or through an extension to the lapse date under section 184 or 184A of the RMA, the lapse date of the designation may be updated without an alteration to the designation using section 181 of the RMA.

3 Maps

The planning maps (GIS viewer) should be relied on for the extent of the designation boundaries¹.

Designations on the planning maps are identified by:

- An overlay with a "red" outline and the number of the designation (in red) inside; or
 - An overlay with a "tan brown" outline, dotted infill and the number of the designation (in tan brown) inside.
- This generally applies to a designation that imposes a restriction over a large area of land, water, subsoil, or airspace. For example a height restriction around an airport flight path.

The following information can be obtained from the planning maps (GIS viewer) on a site to which a designation applies:

- The number² of the designation(s);
- The name³ of the designation(s);
- The requiring authority;
- The address; and
- The legal description.

Notes

1. The planning maps (GIS viewer) introduce a scale and precision of mapping not achieved in previous planning documents. The Council has used its best endeavours (with the assistance of requiring authorities) to accurately map the extent of each designation boundary on the planning maps. Any concerns over the accuracy of any part of the mapping should be raised with the Council.
2. The letter "R" has not been used in the designation number to indicate a NoR on the planning maps (GIS viewer). However, "R" is used in the front of the designation number in the schedules and full text version of the designation to denote a NoR.
3. The name of the designation in the planning maps (GIS viewer) is non-statutory and does not form part of the purpose of a designation. The full text version of a designation should be relied upon for information on a designation.

4 Guidance

This non-statutory section is based on legislative requirements under the RMA, case law and best practise analysis on designations, notices of requirement (NoRs) and outline plans. It is intended to inform the public, practitioners and requiring authorities alike.

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Amendments may be made to this section from time to time to recognise legislative changes, and the development of case law and best practise.

1 Introduction

Part 8 (sections 166 to 186) of the RMA relates to designations, NoRs and outline plans.

A designation is a provision in the Unitary Plan (district plan section), which gives effect to a NoR for a public work, project or work by a requiring authority. A NoR is the proposal or application for a designation¹. Only a requiring authority, which is a Minister of the Crown, local authority or approved network utility operator, can give notice of a requirement.

Once a NoR has been through the statutory process and been confirmed as a designation it can:

- Enable the use of land for a project or work;
- Restrict the use of land, water, subsoil, or airspace where this is necessary for the safe or efficient functioning or operation of such a project or work; and
- Require written approval from the requiring authority before any third party can undertake any activity within a designation that would prevent or hinder a public work, project or work to which it relates.

Before a requiring authority can construct a public work, project or work within a designation, an outline plan must normally be submitted to provide the Council with an opportunity to request any changes. An outline plan generally provides the detail of the public work, project or work, which may not have been available at the time the NoR was prepared and the designation confirmed.

The Unitary Plan includes those existing designations rolled over from the previous district plans “without” or “with” modification and any NoRs given to the Council by a requiring authority, which if confirmed following the statutory process will then each become a designation in the Unitary Plan.

¹ Hastings v Auckland City Council [2001] A068/01

2 Requiring Authority Status

Section 166 of the RMA defines a “requiring authority” as:

- A Minister of the Crown;
- A local authority; or
- An approved network utility operator.

Ministers of the Crown and local authorities are requiring authorities for public works, projects or works they have financial responsibility for.

Those network utility operators listed under section 166 of the RMA can apply to the Minister for the Environment for requiring authority status under section 167. The Minister can approve requiring authority status for a specific project or an entire network operation. The scope of the requiring authority status approved by the Minister under section 167 will be set out in Gazette Notice. Most eligible network utility operators have already obtained this status.

Network utility operators not listed under section 166 of the RMA cannot apply for requiring authority status under section 167. However, they can apply to the Governor-General to make regulations under section 360 for a project or work to be declared a network utility operation with requiring authority status. The requiring authority status approved by the Governor General will be set out in the regulations. Section 360 has been used sparingly since the enactment of the RMA.

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A list of the requiring authorities approved under section 167 or 360 is on the Ministry for the Environment website link below along with links to the related Gazette Notice or regulations:

www.mfe.govt.nz/rma/central/designations/requiring-authorities-table.html

3 Effect of a Designation

Section 176 of the RMA defines the effect of a designation.

3.1 Enabling Effect of a Designation

Section 176(1)(a) of the RMA states that section 9(3) does not apply to a public work, project or work undertaken by a requiring authority under a designation. This means the normal provisions of the Unitary Plan (district plan provisions) do not apply to a designation and the requiring authority is allowed to use the land for any activity within the scope of the designation.

Activities that fall outside the scope of a designation are subject to the normal provisions of the Unitary Plan.

A designation does not exclude other restrictions or duties under Part 3 of the RMA (i.e. National Environmental Standards or Unitary Plan regional provisions) or the general duties imposed under sections 16 and 17 (i.e. avoiding unreasonable noise and avoiding, remedying and mitigating adverse effects).

3.2 Restrictive Effect of a Designation

Section 176(1)(b) of the RMA states that no person may do anything within a designated site that would prevent or hinder a project or work to which the designation relates. Any person seeking to undertake an activity within a designation that would prevent or hinder a public work or project or work to which the designation relates must have written consent from the requiring authority.

This restriction includes:

- Undertaking any use of the land;
- Subdividing the land; or
- Changing the character, intensity, or scale of the use of the land.

It is best practise to provide a section 176(1)(b) approval with any application for resource consent that is within a designation.

Section 179 relates to the appeal of a person against a requiring authority's refusal to grant consent to undertake work within a designation. If a person (i.e. third party) applies to a requiring authority to do works on a designated site and this is refused, then that person is able to appeal this decision to the Environment Court.

4 Scope of a Designation

The scope of a designation is the nature of the activities that a requiring authority may undertake within the designation under section 176 of the RMA. It is what an ordinary member of the public would understand the scope to be when inspecting the designation in the district plan¹.

In the Unitary Plan the scope of a designation is determined by reference to:

- The purpose of the designation which is the "designated purpose";
- The conditions of the designation;
- Any other relevant plans, diagrams or documents referenced in the designation; and
- The extent of the designation boundaries on the planning maps.

In some cases it may be necessary to refer to the original NoR for guidance where the scope of a designation is unclear.

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The purpose of a designation should provide the public a reasonable idea of what activities could take place within the designation². Some attempt should be made to describe the public work, project or work and provide some boundaries within which the effects would be contained. Stating the general purpose without further explanation is not sufficient².

For a network utility operator, the scope of the designation must also be consistent with the requiring authority status approved by the Minister under section 167 of the RMA or in the case of section 360, the status approved by the Governor General.

¹ Waimairi County Council v Hogan (1978) 2 NZLR 587

² Ngataranga Bay 2000 Inc v Minister of Defence (3) [1992] 2 NZRMA 318

5 Conditions on a Designation

Designations are not subject to the normal restrictions placed on resource consent conditions under section 108 of the RMA but they should still conform to legal principles.

The conditions on a designation can:

- Address a particular aspect of a NoR;
- Limit the extent of the designation; or
- Control the effects of the designation.

The Court of Appeal¹ has held that the Newbury tests² remain relevant to New Zealand courts and should continue to apply in relation to the RMA. According to the Newbury tests, a valid condition should:

- Be for a resource management purpose;
- Be fairly and reasonably related to the proposed work; and
- Not be so unreasonable that a reasonable council could not have recommended it (i.e. should not defeat the designation).

When recommending a condition on a designation, the Council should have regard to the potential effect of the conditions on the future operation of a designation and take care to ensure the conditions to not thwart the intent of the designation process³.

¹ Housing New Zealand Ltd v Waitakere City Council [2001] NZRMA 202

² Newbury District Council v Secretary of State for the Environment [1981] AC 578

³ A Guide to Designations under the Resource Management Act 1991, Ministry for the Environment

6 Lapsing of a Designation

Section 184 and 184A of the RMA relate to the lapsing of designations and extensions to the lapse date of a designation.

A designation lapses:

- Five years after inclusion in a district plan; unless
- It has been given effect to (i.e. implemented); or
- The designation specifies a longer lapse date.

Lapse dates are applied to designations to provide some certainty to those who may be affected by a designation. For a designation to be “given effect to” it would need to be able to be used for the designated purpose by the lapse date. If the requiring authority has not given effect to the designation by the lapse date, the designation lapses and can no longer be used.

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The Council can approve an extension to the lapse period of a designation within three months of the expiry of the lapse date for the designation. The Council must be satisfied that the requiring authority has made, and is continuing to make, substantial progress or effort towards giving effect to the designation.

7 Notices of Requirement

A notice of requirement (NoR) is a proposal or application for a designation, which may or may not survive the statutory process of submissions and appeals¹.

A NoR can be made by a requiring authority under sections 168 or by the Council as a requiring authority under section 168A for:

- A public work, project or work; or
- In respect of any land, water, subsoil, or airspace where a restriction is necessary for the safe or efficient functioning or operation of a public work, project or work.

Most NoRs enable a public work, project or work such as a school, road, park, airport or network utility. NoRs that restrict activities (on land, water, subsoil, or airspace) for the safe or efficient function or operation of a public work, project or work are less common but include height restrictions to protect a satellite path or airplane approach flight path to an airport.

¹ Hastings v Auckland City Council [2001] A068/01

7.1 Information to be provided with a Notice of Requirement

Form 18 of the Resource Management (Forms, Fees, and Procedure) Regulations 2003 sets out the information required in a NoR. This includes:

- The name of territorial authority being given the NoR;
- The name of the requiring authority;
- A description of the site to which the NoR applies;
- The nature of the proposed public work, project or work;
- The nature of the proposed restrictions that would apply;
- The effects that the public work, project or work would have on the environment, and the ways in which any adverse effects will be mitigated;
- The alternative sites, routes, and methods have been considered;
- The public work, project or work and designation or alteration are reasonably necessary for achieving the objectives of the requiring authority;
- Any resource consents needed for the proposed activity and whether these have been applied for;
- The consultation undertaken with those parties that are likely to be affected;
- The information required to be included in the NoR by the district plan, regional plan, or any regulations made under the RMA; and
- A list of the documents attached to the NoR.

Form 18 is available at the Ministry of the Environment website:

<http://www.mfe.govt.nz/rma/forms/form18.rtf>

In addition to this the Council considers that the following information should also be included with a NoR:

1. A fee for processing;
2. Sufficient information to understand the nature of the public, work, project or work, preferably including drawings or plans;
3. Details of current ownership of the land and the proposed land acquisition program;
4. The proposed sequence and timing of implementation of the public, work, project or work;

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5. An assessment against the relevant provisions of any national policy statement, New Zealand coastal policy statement, regional policy statement, proposed regional policy statement, plan and proposed plan;
6. An assessment against any relevant non-statutory strategies or plan documents; and
7. An assessment of those parties considered to be affected by the NoR.

7.2 Interim Effect of a Notice of Requirement

Section 178 of the RMA sets out the interim effect of a NoR, which is similar to the restrictive effect of a designation under section 176. Upon the requiring authority giving notice to the Council, no person may do anything that would prevent or hinder the proposal to which a NoR relates unless that person has the prior written consent of the requiring authority.

This restriction includes:

- Undertaking any use of the land;
- Subdividing the land; or
- Changing the character, intensity, or scale of the use of the land.

It is best practise to provide section 178 approval with any application for resource consent that is lodged with the Council after it has been given a NoR affecting the same site.

Section 179 relates to the appeal of a person against a requiring authority's refusal to grant consent to undertake work within a designation. If a person (i.e. third party) applies to a requiring authority to do works on a designated site and this is refused, then that person is able to appeal this decision to the Environment Court.

7.3 Notification of and Consultation on a Notice of Requirement

Sections 95 to 95F of the RMA relate to the notification of a NoR. If the Council is given a NoR, it must decide whether to process it on a non-notified, limited notified or full notified basis.

If a NoR is fully notified in a proposed plan or plan change the notification tests under Schedule 1 are slightly different. In addition to the full notification, the Council must pursuant to Schedule 1, clause 5(1B) also notify those landowners and occupiers it considers are likely to be directly affected by the NoR.

It is not mandatory for a requiring authority to undertake consultation on a NoR¹. However, consultation can be invaluable when considering alternatives and undertaking an assessment of effects on the environment, particularly if there are significant social effects that need consideration.

¹ Malfroy Area Residents Action Group v Rotorua District Council A 92/98

7.4 Recommendation and Decision on a Notice of Requirement

Section 168 and 172 of the RMA relate to the recommendation and decision on a NoR.

For NoRs by a requiring authority other than the Council, the Council makes a recommendation on the NoR to the requiring authority. The requiring authority will review the Council's recommendation and make its decision to accept or reject the recommendation in whole or in part. For NoRs by the Council as a requiring authority, the Council will make its own and final decision on the NoR.

The Council's recommendation on another requiring authority's NoR or its decision on its own NoR can either:

- Confirm the requirement;
- Modify the requirement;
- Impose conditions; or
- Withdraw the requirement.

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If a NoR is limited notified or fully notified, the decision will be notified to any submitters. If there are no appeals to the Environment Court against the decision or once any appeals have been resolved, the designation will be included in the Unitary Plan.

7.5 Alteration to a Designation

Section 181 of the RMA relates to the alteration of an existing designation.

A requiring authority that is responsible for a designation may give notice of a requirement to the Council to alter an existing designation. The process is subject to sections 168 to 179, as if it were a new notice of requirement.

However, the Council may alter a designation in an operative district plan or a notice of requirement in the proposed district plan without sections 168 to 179 applying in the following circumstances:

- The alteration involves no more than a minor change to the effects on the environment associated with the use or proposed use of land or any water concerned, or involves only minor changes or adjustments to the boundaries of the designation or requirement; and
- Written notice of the proposed alteration has been given to every owner or occupier of the land directly affected and those owners or occupiers agree with the alteration; and
- Both the territorial authority and the requiring authority agree with the alteration.

8 Outline Plans

Section 176A of the RMA relates to outline plans.

Before the public work, project or work is constructed within a designation, a requiring authority is normally required to submit an outline plan to the Council to request any changes. An outline plan generally provides the detail of the public work, project or work, which was not available at the time the NoR was prepared and confirmed as a designation.

Upon receipt of an outline plan, the Council has 20 working days to review the information and request any changes. The Council can only request changes and cannot impose conditions. The requiring authority must then decide whether to accept the changes requested by the Council. If the requiring authority decides not to make the changes, the Council may appeal against the decision to the Environment Court.

Section 176A does not envisage that the Council will recommend that the proposal not proceed¹. In this context the word “change” means make different, alter, or modify the proposal, without denying it altogether. The changes requested should not be so extensive as to negate the implementation of the designation¹.

¹ Waitakere City Council v Minister of Defence [2006] NZRMA 253

8.1 Consultation on an Outline Plan

There is no statutory requirement for consultation to be undertaken by a requiring authority during the preparation of an outline plan or for it to be notified under the RMA. Although a condition on a designation can require a requiring authority to undertake consultation during the preparation of an outline plan or the detailed design of a public work, project or works.

Requiring authorities should consult closely with the Council during the preparation of an outline plan, practically where this is for a significant proposal on older designation with a broad scope. There have been examples where requiring authorities has undertaken consultation with the public during the preparation of outline plans and also where a territorial authority has notified an outline plan.

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8.2 Information to be Provided with an Outline Plan

Section 176A(3) states that an outline plan must show:

- The height, shape, and bulk of the public work, project, or work; and
- The location on the site of the public work, project, or work; and
- The likely finished contour of the site; and
- The vehicular access, circulation, and the provision for parking; and
- The landscaping proposed; and
- Any other matters to avoid, remedy, or mitigate any adverse effects on the environment.

In addition to this the Council considers that the following information should also be included in an outline plan:

1. Drawings or plans of the works to be constructed;
2. Explanation as to how an outline plan is within the scope of a designation including any conditions;
3. Information on any relevant national environmental standard that apply;
4. Information on any resource consents that are required (regional or otherwise); and
5. Information on how section 16 (Duty to avoid unreasonable noise) and section 17 (Duty to avoid, remedy or mitigate adverse effects) have been addressed.

Where an outline plan includes a significant proposal within a designation that has a broad scope and no or few conditions, the outline plan may need to be more comprehensive and address matters such as building height, bulk and location, noise and lighting, heritage and infrastructure etc. The underlying zones and overlays in the Unitary Plan provide a useful guide for such outline plans.

8.3 Outline Plan Waivers and Exceptions

Section 176A(2) of the RMA sets out when a requiring authority does not need to submit an outline plan to the Council. This is when:

- The project or work has otherwise been approved under the RMA (i.e. resource consent);
- The details of the project or work are incorporated into the designation; or
- The Council waives the requirement for an outline plan (in writing).

An outline plans cannot generally be sought for the removal or demolition of a building or tree on their own because this is not construction within the intent of section 176A1. The normal provisions of the Unitary Plan will continue to apply and, if necessary, a resource consent may need to be obtained.

The removal or demolition of a building or tree may only be included in an outline plan where they are either clearly associated with a proposal or where it is hindering the implementation of a designation (i.e. encroaching on a height restriction for a satellite path or airplane approach flight path to an airport).

1 Waitakere City Council v Minister of Defence [2006] NZRMA 253

9 Other Matters

This sections covers other matters that relate to designations, notices of requirement and outline plans.

9.1 Resource Consents

With the exception of section 9(3) of the RMA, a designation does not exclude other restrictions or duties under Part 3 of the RMA. A resource consent may still be required for:

- Any activity outside the scope of the designation;
- Any activity that does not comply with a regional rule; or

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- Any activity that does not comply with a National Environment Standard.

A designation only applies to land above mean high water springs and therefore cannot apply to the coastal marine area. A designation is also subject to the regional provisions rules in the Unitary Plan.

9.2 National Environmental Standards

An existing designation takes precedence over a National Environmental Standard unless it lapses or the extent of the designation altered. There are specific instances where this is not the case and section 43D and 176A of the RMA should be referred to.

9.3 Duty to Avoid, Remedy and Mitigate

The general duties in sections 16 and 17 of the RMA relating to avoiding unreasonable noise and avoiding, remedying and mitigating adverse effects apply to designations.

9.4 Underlying Zone

The underlying zone applies to the land within a designation but only to those activities that are outside the scope of the designation. When an activity is proposed that is not within the scope of a designation it will be assessed under the underlying zoning. The zone also indicates what the land could be used if it were not designated.

9.5 Public Works Act 1981

The Public Works Act 1991 ("PWA") provides the Crown with the statutory authority to acquire land for a public work. The acquisition process normally takes place after any resource consents have been obtained or a designation confirmed an involved compulsory acquisition if a settlement cannot be reached between the landowner and the Crown.

Because a designation can restrict the use of the land, in the event that the requiring authority does not own the site and has presumably not started negotiations, the landowner can apply to the Environment Court for the requiring authority to acquire or lease all or part of the land if:

- The landowner tried and were unable to sell the land, and either
- The designation prevents the reasonable use of land, or
- The person was the owner of the land when the designation was created.

More information on the PWA can be found at the Land information New Zealand website:

<http://www.linz.govt.nz>

Schedules and Designations

Airways Corporation of New Zealand Ltd

Designation Schedule - Airways Corporation of New Zealand Ltd

Number	Purpose	Location
100	Receiving station	Seagrove Road (Allotment 121 PSH of Waiau), Waiau Pa
101	Aerodrome purposes - communications facility	600 Scenic Drive, Waiatarua

100 Waiau Pa Receiving Station

Designation Number	100
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Requiring Authority	Airways Corporation of New Zealand Ltd
Location	Seagrove Road (Allotment 121 PSH of Waiau), Waiau Pa
Rollover Designation	Yes
Legacy Reference	Designation 9, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Receiving station.

Conditions

No conditions.

Attachments

No attachments.

101 Waiatarua Communications Facility

Designation Number	101
Requiring Authority	Airways Corporation of New Zealand Ltd
Location	600 Scenic Drive, Waiatarua
Rollover Designation	Yes
Legacy Reference	Designation ACNZ2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Aerodrome purposes - communications facility.

Conditions

1. To ensure that section 176A(3)(f) of the RMA has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules;
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out; and
 - c. A visual impact and mitigation assessment where the proposed work is a new tower structure at Rua o tea Whenua, Designation 8527 (as provided for in condition 5.a.).

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

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2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

The Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition. Note that major earthworks may require a consent from the council.

3. All development on the site shall be within the “defined development area” as defined on plan number AL20963 sheets 1 and 2.

4. The maximum height of any development on the site shall be not more than 25m above ground level.

5. Development which is additional to that on the site as at 1 February 2000 (which included a tower structure, three “slim-line” masts, the Airways Corporation of New Zealand Ltd equipment building and the Transpower New Zealand Ltd repeater building) shall be limited to:

- a. The replacement of the existing tower structure with another facility, provided that when the new facility is completed and commissioned, the existing tower is decommissioned and demolished;
- b. Antennae attached to the existing tower or new tower (provided that these do not exceed the overall height limit);
- c. Up to four additional “slim-line” masts of similar design to the three existing masts;
- d. Accessory buildings with a maximum height of 4.5m; and
- e. The extension of the site access road

6. Native vegetation alteration (including removal) shall be restricted to:

- a. Removal of vegetation from within the “defined development area”; and
- b. Removal or pruning of any vegetation which compromises the operation of the facility.

Explanation (conditions 3-6):

It is noted that the site is also the subject of another designation (Designation 8527) and the above conditions apply to any development on the site. The site subject to this designation is visually prominent and substantially bush-clad. It contains communications facilities, including a dome radar tower, which have an important function for the region and beyond. The conditions are intended to provide for future development but to ensure such development is within a confined area of the site, and that natural and landscape values of the balance of the site are not compromised. The conditions are designed to allow the replacement of the existing dome radar tower, allowing the existing facility to continue to operate until the new facility is commissioned. The conditions are also intended to provide for the operation and limited expansion of other communications facilities on the site, specifically those for Airways Corporation of New Zealand Ltd and Transpower New Zealand Ltd.

Attachments

No attachments.

Ardmore Airport Ltd

Designation Schedule - Ardmore Airport Ltd

Number	Purpose	Location
200	Airport purposes ...	Vicinity of Harvard Lane, Ardmore and an area surrounding Ardmore Airport

200 Ardmore Airport

Designation Number	200
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Requiring Authority	Ardmore Airport Ltd
Location	Vicinity of Harvard Lane, Ardmore and an area surrounding Ardmore Airport
Rollover Designation	Yes
Legacy Reference	Designations 9, 38 and 39, Auckland Council District Plan (Papakura Section) 1999; and Designation 234, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Airport purposes - the purpose of this designation is to provide for the efficient operation and growth of Ardmore Airport by enabling airport activities and flights while defining airport approach and landuse controls.

The extent of the designation is described in detail within the wording included as Attachment 1 and is illustrated on:

- Ardmore Airport Designation Plan WP47, Attachment 2;
- Ardmore Airport Ltd Protection Areas WP49, Attachment 3; and
- Airport Height Surfaces, Attachment 4.

Specific definitions relating to this designation are included as Attachment 5.

Conditions and Restrictions

1. Height Restriction

No building, structure, mast, pole, tree or other object shall penetrate any of the approach surfaces, transitional surfaces, horizontal surface or conical surface as defined in this designation and illustrated on the Airport Height Surfaces drawing (Attachment 4). Provided that where there is any conflict between these height control limits and the Auckland International Airport height controls, the lower height restriction shall apply.

If developments and land uses within the area below the horizontal surface or conical surface are proposed to penetrate either of these two surfaces, and will also be higher than 9m above the terrain, then under Section 176 of the Resource Management Act 1991, the proposal shall be referred for consent to the Airport Authority.

2. Land Use Restriction: Rural Aerodrome Protection Areas (Fixed Wing Aircraft Operation)

The Rural Aerodrome Protection Areas are located under each of the flight paths. The areas are illustrated on the Ardmore Airport Ltd Protection Areas drawing WP49 (Attachment 3). The Rural Aerodrome Protection Area extends from the runway bases P, Q, R and S for a distance of 900m.

The land use restriction is essential as aircraft pass over the Rural Aerodrome Protection Areas on landing and take-off at low altitudes. These areas are subject to a high level of aircraft noise and there is also a relatively greater risk of aircraft accident in these areas than elsewhere.

Land uses within the Rural Aerodrome Protection Areas which may be adversely affected by aircraft noise or which may detrimentally affect the safe operation of aircraft should be avoided.

Within the Rural Aerodrome Protection Areas, any new proposals for buildings or solid structures exceeding 4m in height above ground level shall be referred for consent to the Airport Authority. This specific height restriction overrides the general height restriction in (Height Restriction) above.

In assessing buildings and structures that exceed 4m in the Rural Aerodrome Protection Areas, the Airport

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Authority will consider the need for the proposal, siting, height and construction materials.

In considering other land uses, the Airport Authority will take into account possible height intrusion, the likelihood of dust, glare, electrical interference and the possibility of the proposal attracting birds to the area or promoting the gathering of people in the area.

3. Sound Emissions – Air Noise Boundary /Inner Control Boundary and Outer Control Boundary

The Air Noise Contours are shown on planning maps as a Noise Notification Area Overlay.

The Airport shall be managed to ensure that the noise emissions from Aircraft Movement shall not exceed Ldn 65 dBA outside the Air Noise Boundary, Ldn 60 dBA outside the Inner Control Boundary and Ldn 55 dBA outside the Outer Control Boundary. Noise levels shall be calculated as stated in NZS6805:1992 Airport Noise Management and Land Use Planning as a 3 month rolling logarithmic average using the FAA Integrated Noise Model (INM) and records of actual aircraft operations.

The following operations are excluded from compliance with this rule:

- a. Aircraft landing in an emergency;
- b. Emergency flight operations;
- c. One Airshow per calendar year as defined in Condition 9; and
- d. Use of sealed runways 07/25 for maintenance purposes for seven days per calendar year.

Rules to control activities establishing within the Air Noise Contours are included within 4.4.1.2 Airfield noise notification areas of the Unitary Plan.

Explanation:

Council considers that it is important to ensure that the effects associated with aircraft operational noise are managed, as far as practicable, at the source of these emissions. The noise contours define the locations at which the maximum sound exposure, expressed in Ldn dBA, must not be exceeded. This condition places a requirement on aircraft operations associated with the Airport to comply with this limit specified at the Air Noise Boundary, Inner Control Boundary and Outer Control Boundary.

4. Maximum Noise Level from any Aircraft

Except for aircraft listed in a. and b. below, the maximum permissible noise level from any aircraft operating from the Airport shall not exceed SEL 115 dBA at the measurement point specified as on runway centre line, 1700m from commencement of the take-off roll:

- a. Aircraft based at the Airport on 1 July 2004. The Hawker Hunter aircraft based at the Airport on 1 July 2004 will be permitted up to maximum of 58 movements per annum out of the limit of 180 movements per annum specified in condition 6.b.; and
- b. Aircraft brought to the Airport for maintenance/restoration that have the potential to exceed SEL 115dBA as specified above are permitted to operate for the sole purpose of undertaking essential flight checks and departure from the Airport. Any such operations will not exceed a total of 16 takeoffs per annum. These takeoffs and subsequent landings are included in the total number of 180 Ex-military jet movements per annum specified in condition 6.b.

To confirm compliance with this rule, Council may request the Airport Authority to provide a certificate from a person with appropriate acoustic qualifications for aircraft with noise outputs that have the potential to exceed the maximum permissible noise level. Such certificate shall be provided to Council within 6 weeks of the request and shall confirm that the aircraft complies with the requirements of this Condition.

Explanation:

To control the single event noise exposure to the local community Council considers that it is important to set a maximum permissible noise level for aircraft operating from the Airport. The maximum SEL noise level is based

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on noise measurements of existing aircraft at the Airport. However, any new aircraft operated from Ardmore must comply with the maximum SEL noise level. This provision allows Council to request a certificate confirming compliance with the maximum permissible noise level.

5. Restricted Flight Hours

The following restricted flight hours apply to specific aircraft operations from Ardmore Airport:

- a. Circuit training and scheduled flights are not permitted between the hours of 10pm (extended to 10.30pm in daylight savings) and 7am New Zealand Local Time (NZLT) Monday – Saturday and between the hours of 8pm Sunday night and 7pm Monday morning;
- b. Ex Military Jet Aircraft operations are not permitted between the hours of 8pm and 7am New Zealand Local Time (NZLT);
- c. Jet aircraft that do not meet the International Civil Aviation Organisation noise standard contained in ICAO Annex 16, Volume 1, Chapter 3 or the equivalent 'Stage 3' United States Federation Aviation Administration noise limits contained in CFR 14 Part 36, are not permitted to operate between the hours of 10pm and 7am New Zealand Local Time (NZLT);
- d. Except as permitted by by Condition 9 Aerobatic Flight over the Airport shall be limited to a maximum of 12 hours per annum and shall be conducted between the hours of 9am to 4pm Monday to Saturday and 9am to 12 noon on Sunday New Zealand Local Time (NZLT);
- e. Hover training practice shall only take place between the hours of 8am and 7pm Monday to Friday and 9am and 1pm on Saturdays New Zealand Local Time (NZLT) provided that hover training may take place on Saturdays between 1pm and 5pm NZLT and on Sundays between 9am NZLT and 4pm NZLT where the activity takes place no closer than 150m from any external boundary of the Airport. Notwithstanding the above, no hover training practice shall take place on Public Holidays; and
- f. Variations to the restricted hours on night training under clause a. of this condition may be approved under limited circumstances by the Ardmore Airport Noise Consultative Committee, but in any event, operation will not be permitted after 11pm New Zealand Local Time (NZLT).

Explanation:

This condition has been included after extensive consultation between the Airport Authority and local residents in order to minimise disturbance during noise sensitive hours. This condition together with Conditions 3 and 4 and the Noise Management Plan will have the effect of minimising noise from aircraft during noise sensitive hours.

6. Ex-Military Jet Aircraft Movements

Except as permitted by condition 9, Ex Military Jet Aircraft movements shall be restricted to:

- a. 170 movements per calendar year averaged over a three year period;
- b. 180 movements in any one calendar year;
- c. 10 movements in any one seven day period; and
- d. No simultaneous or parallel take-offs.

Explanation:

The purpose of this condition is to safeguard against any potential for significant increases in annual and weekly Ex Military Jet Aircraft movements due to noise emission space becoming available within the Air Noise Boundary in the event of an unlikely significant reduction in General Aviation activity.

7. General Sound Emissions

- a. Sound emissions from sources other than Aircraft Movement, Aircraft Taxiing, Aircraft Engine Testing, and one Airshow per calendar year as defined under condition 9 shall be restricted to the following limits set out in Table 1 measured at or within the boundary of any residential zone or at or within the notional boundary of any residential dwelling existing as at 19 September 2001 (and which is not under the ownership of the Airport Authority).

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Table 1:

Monday to Friday 7am - 10pm and Saturday 7am - 5pm	L ¹⁰ 55 dBA
All other times	L ¹⁰ 45 dBA
Additionally, every day 10pm - 7am	L _{max} 75 dBA

Notes:

- Measurements shall be taken at or within the boundary of any residential zone or at or within the Notional Boundary of any residential dwelling.
- Measurement and assessment of noise shall be in accordance with the standards prescribed in NZS6801: 1991 Measurement of Sound and NZS 6802:1992 Assessment of Environmental Sound.
- The noise shall be measured using a sound level meter complying with the international standards IEC 651 (1979) Sound level meters Type 1 and IEC 804 (1985) Integrating-averaging sound level meters Type 1.

Explanation:

Given the level of activity within the Airport (Special Purpose) Zone associated, for example, with the servicing of aircraft, there is potential for adverse noise effects. The noise limits in Table 1 are based on the guidelines contained in New Zealand Standard 6802:1992 – Assessment of Environmental Noise. The provisions have been included to protect residents within close proximity to the Airport from noise generated by activities other than those exceptions specified.

8. Engine Testing

a. All aircraft engine testing undertaken within the Airport (Special Purpose) Zone shall be restricted to the following noise limits set out in Table 2 below measured at or within the boundary of any residential zone or at or within the notional boundary of any dwelling existing as at 19 September 2001 (and which is not under the ownership of the Airport Authority):

Table 2:

7am - 10pm (7 day rolling average)	L _{eq} 55 dBA
10pm - 7am (7 night rolling average)	L _{eq} 45 dBA and L _{max} 75 dBA

b. Aircraft engine testing is required to be undertaken within the appropriate engine testing enclosure, where it is safe to do so.

c. Ten testing sessions per year undertaken between 9.00am and 4.00pm Monday to Friday are exempt from the requirements of Condition 8.a. and b. (a session being a series of engine test events carried out on the same day with a total duration of no more than 20 minutes).

Explanation:

This Condition recognises that there is operational necessity for testing aircraft engines as a core function of the Airport, while limiting the potential for adverse effects on the amenity of surrounding residences, particularly at night. The rule allows up to 10 tests per year during working hours for engines with particularly noisy characteristics.

9. Airshow

Notwithstanding anything to the contrary in condition 4, one Airshow within the MBZ shall be permitted within any calendar year based on the following limitations:

- The flying programme for the Airshow shall be limited to a period of not more than 3 days plus 2 specified days' practice, with alternate days if unable to practice because of poor weather conditions;
- The hours permitted for the Airshow and practices shall be between the hours as specified in Table 3:

Table 3:

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Monday to Thursday inclusive	7am - 8pm
Friday and Saturday	7am - 8pm (except that one only of these days may extend to 10pm)
Sunday	7am - 6.30pm

- c. Practice for the Airshow shall be permitted only in the 2 weeks preceding the Airshow;
- d. The noise and environmental aspects of the flying programme for the Airshow and Airshow practice ("the flying programme") shall be reviewed by Council, which may request changes necessary to avoid unreasonable noise exposure on the community; and
- e. The flying programme shall be submitted to the Council no later than 90 days prior to the Airshow taking place. Both the Council and the Airport Authority are to consult with each other as to the noise issues and proposed changes to the flying programme. Comments are to be provided by Council within 10 working days of receipt of the proposed flying program.

Explanation:

Annual Airshows at the Airport are an integral part of the Airport operations and provide social and economic benefits to the local and wider community. This rule provides for annual Airshows at Ardmore to continue with limitations on the show duration and practice times and requires the Airport Authority and Council to work together to achieve best practice noise management.

10. Noise Management Plan

The operation of the Airport shall be in accordance with the current Ardmore Aerodrome Noise Management Plan. With the exception of those provisions contained in Appendix A of that Plan, the Ardmore Aerodrome Noise Management Plan shall be reviewed on a 12 monthly basis or as necessary to ensure Best Practicable Options in terms of noise management are achieved, in accordance with the document amendment procedures contained in that Plan.

Explanation:

Council recognises that there are many aspects of airport operations which are best controlled through a Noise Management Plan as opposed to specific rules due to potential conflict with other regulations and the need to allow aspects of Airport operations to be continually modified and improved in response to industry changes and to achieve best practice noise management. The objectives of the Noise Management Plan are to:

- a. Provide the basis for ongoing noise management and mitigation at the Airport;
- b. Establish the Ardmore Airport Noise Consultative Committee, as set out in the Noise Management Plan, which replaces the Environmental Working Group;
- c. Define roles and responsibilities in relation to airport noise management;
- d. Provide a repository of agreed noise abatement procedures; and
- e. Encourage the parties to work together co-operatively, sharing information and reaching decisions by consensus and agreement.

11. Affected Dwellings

The Airport Authority shall, if so required by the owners of the Affected Dwellings defined in b. below, pay for any remedial or supplementary works that are considered necessary to ensure that the internal acoustic environment of habitable rooms in those dwellings does not exceed a maximum of Ldn 45 dBA with all external doors and windows closed as the result of aircraft movements represented in the Air Noise Boundary noise contour as shown on Unitary Plan maps.

Where compliance with the design level relies on doors and windows being closed, alternative approved mechanical ventilation in accordance with the Building Code shall be provided. This condition is subject to the following:

- a. Notice of such requirement must be given in writing to the Registered Office of the Airport Authority within 3 months of the receipt by the owners of written notice from the Airport Authority advising the owners of the

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operative date of this condition and the rights conferred by this condition;

b. The Affected Dwellings are deemed to be those existing habitable dwellings located within the Ldn 65dBA Air Noise Boundary contour as at 19 September 2001. In any case where any existing habitable dwelling is in the course of completion, extension or repair as at 19 September 2001, then the notice to the Airport Authority referred to above must be given within 3 months following the date on which the dwelling is certified as complete by the Council pursuant to the Building Act 2004, or the date of written notice from the Airport Authority advising the Owners of the operative date of this rule, whichever is the later; and

c. For the purposes of this condition engineers with appropriate qualifications appointed by the Airport Authority and engineers with appropriate qualifications appointed by Council shall act as the certifiers for the purpose of determining the nature and extent of the remedial or supplementary works required pursuant to this rule and their determination shall bind the Airport Authority, the Council and the Owners respectively in relation to their various interests pursuant to this rule.

Subject to the foregoing, the obligations of the Airport Authority under this rule shall not extend to any subsequent structures, alterations or additions to any of the Affected Dwellings commenced after 19 September 2001.

Explanation:

This condition has been included to allow those persons living within the Air Noise Boundary to seek compensation from the Airport Authority to ensure that the internal acoustic environment of habitable rooms in those dwellings does not exceed a maximum of Ldn 45 dBA with all external doors and windows closed.

12. Best Practicable Option

In administering the conditions of this designation, the Airport Authority shall adopt the best practicable options including, but not limited to, management procedures and Operational Controls to reduce the exposure of the community to noise from Aircraft and Airport activities.

13. Monitoring

The Airport Authority shall be responsible for monitoring and reporting of noise (without limiting Council's powers) associated with the Airport and flight activity. Such monitoring shall include:

- a. Calculation of aircraft noise as stated in NZS6805: 1992 (s1.4.2.2) using the FAA Integrated Noise Model (INM) and records of actual aircraft operations and calculated as a 3 month rolling logarithmic average. The results of this calculation together with underlying inputs shall be reported to the Council annually once the Airport has reached 220,000 movements. The INM Study is to be developed by a recognised user of the INM with strict adherence to the policies and procedures specified in the INM User's Guide. An executable version of the Study shall be provided to Council via CD-ROM or other suitable electronic means. The use of substitution or surrogate aircraft within the model will be notified in the reporting procedure and will be as agreed between the Airport Authority and Council experts. The INM model used to assess compliance is to be the version used to develop the Unitary Plan contours. The contours may be updated with later versions of the INM in future reviews of the Unitary Plan. When the calculated 3 month average reaches Ldn 64.5 dBA, physical noise monitoring shall be undertaken to confirm compliance with condition 4;
- b. The recording of Ex Military Jet Aircraft movements on a monthly basis with any records kept to be provided to Council in collated form within 48 hours upon request by the Council;
- c. The administration and logging of all engine testing activity, with records to be provided to Council in collated form within 48 hours upon request by the Council; and
- d. Further such contingency monitoring as required by the Council if the Council becomes aware of significant changes to Airport operations.

Noise from the following operations shall be excluded from the compliance calculations set out in a. to b. above:

- i. Aircraft landing in an Emergency;
- ii. Emergency Flight operations; and
- iii. One airshow per year as defined within condition 3.

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Attachments

Attachment 1: Description of Designation

Location of Runway Centrelines

At the outer ends of the approach surfaces, the extended centrelines for the two sealed runways pass through the following co-ordinates:

Runway 03/21	Northeast End (A)	685622.19N 785 805.46mN 321337.19E 421 368.93mE
	Southwest End (C)	680398.65N 780 644.15mN 315993.55E 416 087.12mE
Runway 07/25	East End (B)	683323.04N 783 508.44mN 322309.31E 414 878.32mE
	West End (D)	683322.82N 783 505.83mN 314843.93E 414 878.32mE

The above co-ordinates are in terms of the NZGD 2000 Mt Eden Meridional Circuit Mount Eden Grid (Central Meridian Scale Factor 0.9999).

The co-ordinates for Runways 03/21 and 07/25 are based on surveyed fixes of the threshold centreline markings extended for 3000m outward from the two bases.

The centreline for the grass runway 03/21 is parallel to and 150m from the centreline of the sealed runway 03/21.

Location of Bases

For Ardmore Airport, the bases for the approach surfaces for the sealed runways are each 90m long, i.e. extending for 45 m at each side of the runway centreline. The bases are perpendicular to the runway centrelines, are horizontal, and the elevation of each base is the ground level of the highest ground level on the runway centreline at the base location.

The centres of the bases are located at the following co-ordinates:

Runway 03/21	Northeast End (R)	783 708.98mN 419 223.51mE
	Southwest End (S)	782 740.83mN 418 232.76mE
Runway 07/25	East End (P)	783 507.40mN 419 340.86mE
	West End (Q)	783 500.88mN 417 877.99mE

The above co-ordinates are in terms of the NZGD 2000 Mt Eden Meridional Circuit Mount Eden Grid (Central Meridian Scale Factor 0.9999).

Bases P, Q and R coincide with the physical ends of the sealed runways. Base S is inset 25m from the southwest end of the runway.

The level for Base S is R.L. 32.32 and for Base R is R.L 32.87

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The level for Base Q is R.L. 29.79 and for Base P is R.L 33.71

The bases for the grass 03/21 runway lie 30m beyond the ends of the runway and are 80m long, extending for 40m at each side of the runway centreline.

Approach Surfaces

The Approach surfaces defined in this specification include take-off/climb requirements. Each approach surface rises from a base.

Approach surfaces for the sealed runways rise from P, Q, R and S respectively at a gradient of 2.5 percent (1 in 40) and continue upwards and outwards for a horizontal distance of 3000m from their respective bases. Each approach surface is symmetrically disposed about the extended centreline and its sides diverge uniformly outwards at a rate of 10 percent.

Approach surfaces for the grass runway rise from the bases defined for the runway at a gradient of 2.5 percent (1 in 40) for a horizontal distance of 2600m. These approach surfaces are symmetrically disposed about the extended centreline of the runway strip and their sides each diverge uniformly outwards at a rate of 10 percent.

Side Clearances (Transitional Slopes)

Side clearances rise upwards and outwards from the sides of the approach surfaces for the sealed runways at a gradient of 1 in 7 to intercept the horizontal surface at 80m AMSL.

For the grass runway, side clearances rise upwards and outwards from the sides of the approach surfaces at a gradient of 1 in 5 to intercept the horizontal surface at 80m AMSL.

Horizontal Surface

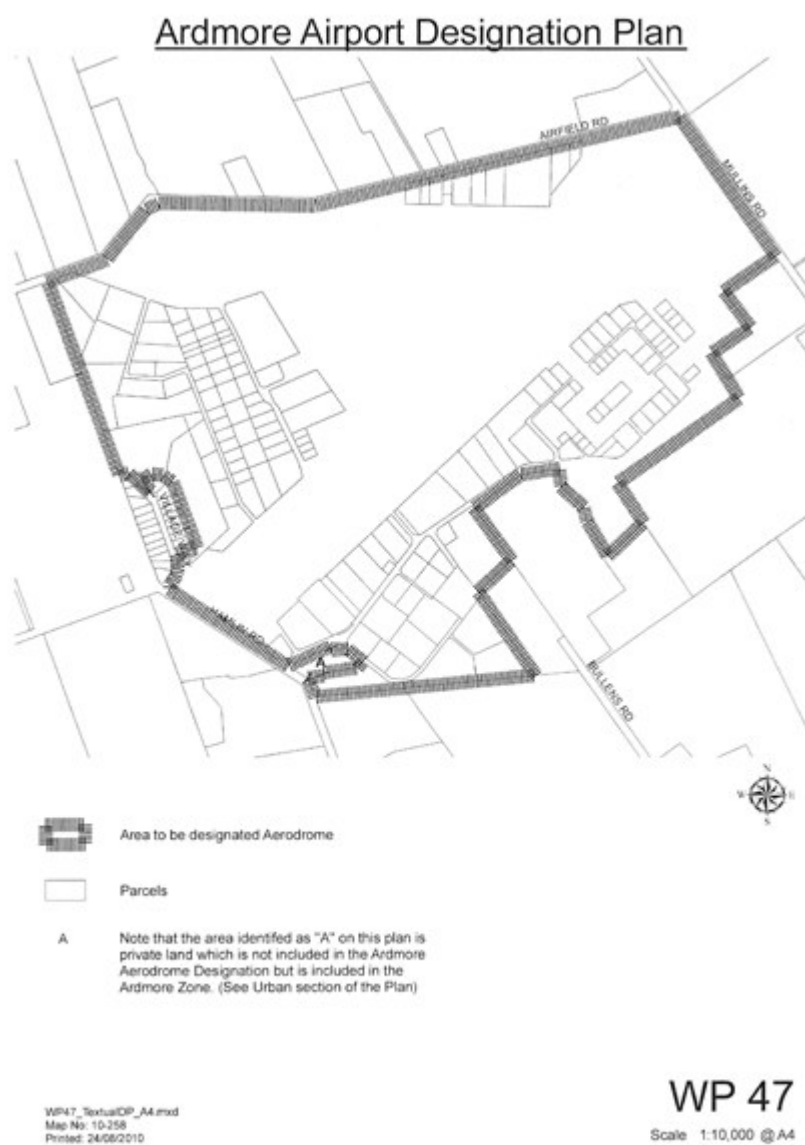
The horizontal surface overlays the airport and extends from above the airport for a radius of 4000m from bases P and Q. This flat horizontal surface is at 80m AMSL. The airport level is 35m AMSL. This corresponds to a level 1.5 metres above reference mark "J" on S.O. 49594.

Colonial Surface

The sloping conical surface rises upwards and outwards from the periphery of the horizontal surface at a gradient of 5 percent (1 in 20) for a further 2100m until it reaches a height of 185m AMSL.

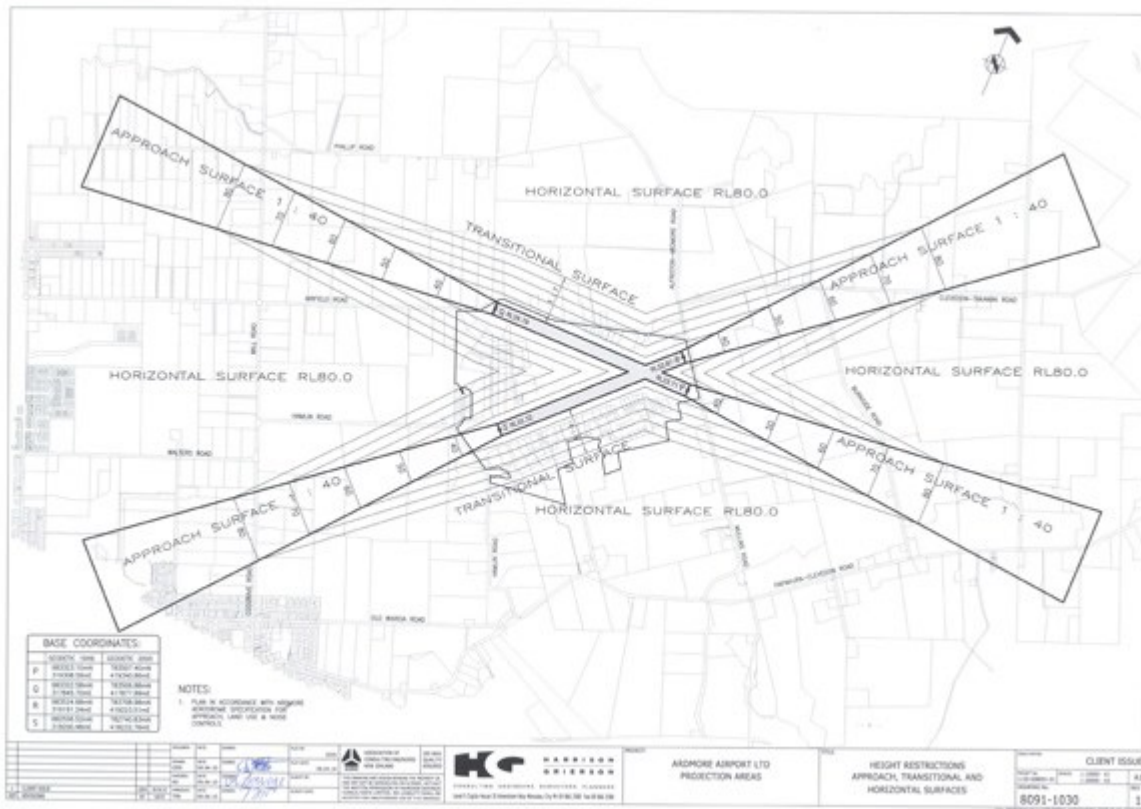
Attachment 2: Ardmore Airport Designation Plan WP47

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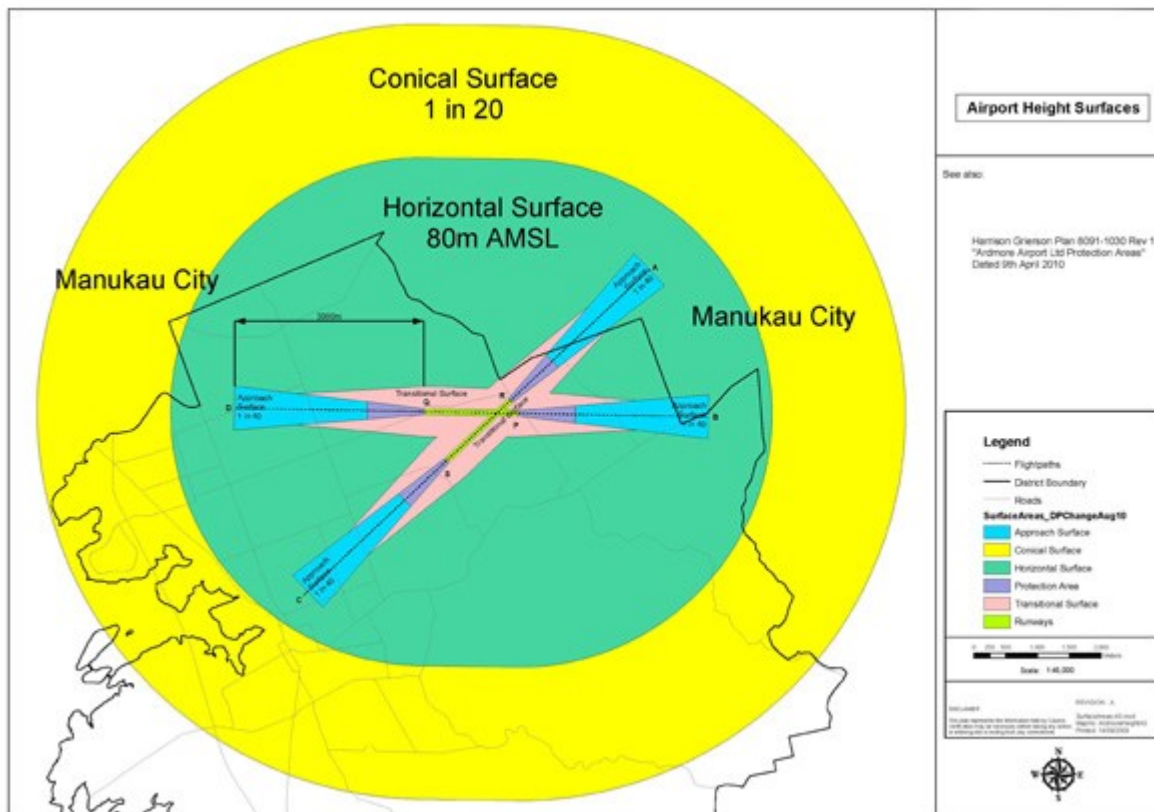


Attachment 3: Ardmore Airport Ltd Protection Areas drawing WP49

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Attachment 4: Airport Height Surfaces



Attachment 5: Definitions

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Activities Sensitive to Aircraft Noise (ASAN)

means household units, residential activities, camping grounds, comprehensive residential development, studio warehousing, temporary household units, bed and breakfast accommodation, farmstays, rehabilitation facilities, pre-school/education facilities, schools, other educational facilities, child care centres and other care centres, hospitals, other health care facilities, rest homes and other homes for the aged, traveller's accommodation.

Aerobatic Flight

a. an intentional manoeuvre in which the aircraft is in sustained inverted flight or is rolled from upright to inverted or from inverted to upright position; or,
b. manoeuvres such as rolls, loops, spins, upward vertical flight culminating in a stall turn, hammerhead or whip stall, or a combination of such manoeuvres

Aerodrome

means Ardmore Aerodrome as defined by land contained within the Aerodrome boundary.

Aerodrome Boundary

means the boundary of the land designated by the Airport Authority for aerodrome purposes.

Air Noise Boundary

is a line formed by the outer extremity of the 65dBA Ldn noise contour.

Air Noise Boundary Area

means the area identified as an Air Noise Boundary on the Noise Notification Areas - airports overlay by a line formed by the outer extremity of the Ldn 65dBA noise contour.

Aircraft

in terms of the Civil Aviation Act 1990, means any machine that can derive support in the atmosphere from the reactions of the air otherwise than by the reactions of the air against the surface of the earth.

Aircraft Engine Testing Noise

means aircraft testing for the purposes of engine maintenance and does not include normal operational aircraft engine run-ups. (i.e.: aircraft warming up prior to take-off) or any noise generated by the taxiing or towing of aircraft to or from the designated engine testing location.

Aircraft Movement

means one aircraft take-off, landing, touch-and-go, or missed approach. A "Touch-and-go" shall be deemed to be two aircraft movements.

Airport Authority

means Ardmore Airport Limited or any person appointed in place of Ardmore Airport Limited as the requiring authority for Ardmore Aerodrome pursuant to section 180 of the Resource Management Act 1991.

Airshow

means the event referred to in condition 9 of Designation 200.

Aviation activities

Means runways, taxiways and navigational equipment, passenger terminals, maintenance workshops, aircraft testing facilities and any residential, commercial or industrial activity ancillary to the operational function of the airport such as warehousing for freight collection and despatch and storage of aviation and other fuels and hazardous substances which are necessary for the operation of the Aerodrome.

Best practicable option

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in relation to an emission of noise means the best method for preventing or minimising the adverse effects on the environment having regard, among other things, to:

- a. the nature of the emission and the sensitivity of the receiving environment to adverse effects;
- b. the financial implications and the effects on the environment of that option when compared with others; and
- c. the current state of technical knowledge and the likelihood that the option can be successfully applied.

CAA

CAA means the Civil Aviation Authority of New Zealand.

CAR

means Civil Aviation Rule.

Circuit training

means the use of the Fixed Wing Circuit or the Helicopter Circuit for training purposes.

Commercial activities

Means those activities such as real estate offices, banks, post office, shoe repairs, tourist agencies, hairdressers, dry cleaners, self service laundries and other similar uses whose functions are similar in character to shops in respect to their effect on the neighbourhood.

dBA

is a measurement of sound pressure level which has its frequency characteristics modified by a filter so as to more closely approximate the frequency bias of the human ear.

Ex-Military Jet aircraft ("EMJ").

means any Fixed wing aircraft designed for military purposes propelled other than by a propeller.

Fixed Wing Circuit

means that pattern, located on the southern side of the Aerodrome flown by fixed wing aircraft for the purpose of sequencing themselves to or from runways 03/21 and/or 07/25 grass.

General Aviation

is defined by the Civil Aviation Authority (CAA) as all aviation activity at civil aerodromes other than regular passenger flights scheduled by international and domestic airlines.

Habitable Room

means a room used for activities normally associated with domestic living, but excludes any bathroom, laundry, water closet, pantry, walk-in wardrobe, corridor, hallway, lobby, clothes drying room, garage.

Helicopter Circuit

means that pattern located on the northern side of the Aerodrome flown by helicopters.

Inner Control Boundary

Is a line formed by the outer extremity of the 60 dBA Ldn noise contour.

Inner Control Boundary Area

means the area identified as Inner Control Boundary Area on the Noise Notification Areas - airport overlay by a line formed by the outer extremity of the Ldn 60dBA noise contour and the outer extremity of the Ldn 65dBA noise contour.

L10

means the noise level which is equalled or exceeded for 10% of the measurement period. L10 is an indicator of

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the mean maximum noise level and is used in New Zealand as the descriptor for intrusive noise (in dBA).

Ldn (Day/Night Level)

means the day night noise level which is calculated from the 24 hour Leq with a 10 dBA penalty applied to the night-time (2200-0700 hours) Leq.

Lmax (Maximum sound pressure level)

means the maximum sound pressure level measured during the sampling period.

Leq (Time-average sound level)

means the time averaged noise level (on a logarithmic, energy basis).

MBZ

means that area denominated under Civil Aviation Rules as the Ardmore Mandatory Broadcast Zone or MBZ.

NZS 6805:1992

refers to the New Zealand Standard NZS 6805: 1992 "Airport Noise Management and Land Use Planning".

Obstacle Limitation Surfaces (OLS)

means those defined areas about and above an aerodrome intended for the protection of aircraft in the vicinity of an aerodrome.

Outer Control Boundary

is a line formed by the outer extremity of the 55 dBA Ldn noise contour.

Outer Control Boundary Area

means the area identified as Outer Control Boundary Area on the Noise Notification Areas - overlay map by a line formed by the outer extremity of the Ldn 55dBA noise contour and the outer extremity of the Ldn 60dBA noise contour.

Scheduled Flight

means freight or passenger flights that are established on a permanent timetable basis.

SEL (Sound Exposure Level)

means the A-weighted sound level which if maintained constant for a period of 1 second, would convey the sound energy as is actually received from a given noise event.

$$SEL = 10 \log \int_{t_1}^{t_2} \left[\frac{P_A(t)}{P_0} \right]^2 dt$$

Note:

Where p is in pascals and t is in seconds, p₀ is the reference sound pressure of 20 micropascals.

Auckland Council

North and West

Designation Schedule - Auckland Council (1/3)

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North and West

Number	Purpose	Location
400	Regional park ...	1181 Takatu Road, Takatu Peninsula, Tawharanui
401	Regional park ...	190 Ngarewa Drive, Mahurangi West; Ridge Road, Mauhurangi East; and Big Bay and Lagoon Bay, Mahurangi East
402	Regional park ...	1501 Whangaparoa Road, Army Bay Whangaparoa
403	Regional park ...	447 Motutara Road, Muriwai
404	Regional park ...	114 Scandrett Road, Mullet Point, Mahurangi East
405	Administration, professional and commercial offices and services ...	50 Centreway Road, Orewa
406	Local park ...	36 View Road, Warkworth
407	Local park ...	Alnwick Street (Pt Allotment 68 PSH of Mahurangi), Warkworth
408	Local park ...	Gurnard Road (Lot 1 DP 51255), Stillwater
409	Local park ...	Alnwick Street (Pt Allotment 68 PSH of Mahurangi), Warkworth
410	Refuse disposal	141 Rustybrook Road, Wellsford
411	Refuse transfer station	31 Omaha Drive, Omaha
412	Refuse disposal	307 Leigh Road, Ti Point
413	Refuse disposal	55 Lawrie Road, Snells Beach
414	Community facility ...	2 Victoria Road, Devonport
415	Regional park ...	2000 Beach Road, Long Bay
416	Regional park ...	2911 South Head Road, South Head
417	Rosedale Landfill	62 Greville Road, Albany
418	Regional park - for recreational use ...	300 Scenic Drive, Titrangi; 601 Huia Road, Parau; and, Whatipu Road, Huia
419	Cemetery and crematorium	4128A Great North Road, Glen Eden
420	Cemetery	54 O'Neills Road, Swanson
421	Local park ...	9-15 Alderman Drive, Henderson
422	Local park ...	1-19 Sunnyvale Road, Swanson
423	Park service centre	75 Glen Road, Massey
424	Local park ...	45 Woodglen Road, Glen Eden
425	Solid waste baling station	50 The Concourse, Te Atatu
426	Regional park ...	184 Hungry Creek Road, Mahurangi West
427	Regional park ...	37 Schischka Road, Wenderholm
428	Utility reserve - public toilets	66 Main Road, Kumeu
429	Regional park ...	415 Run Road, Taporu

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430	Regional park ...	Southern part of Pakiri Coast (vicinity of Witten Road, Spencer Road and M Greenwood Road)
R431	Regional park ...	Pakiri River Road, Pakiri Coast
R432	Regional park ...	Te Arai Point Road, Te Arai

400 Tawharanui Regional Park

Designation Number	400
Requiring Authority	Auckland Council
Location	1181 Takatu Road, Takatu Peninsula, Tawharanui
Rollover Designation	Yes
Legacy Reference	Designation 201, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

- Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.
- Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).
- The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ol style="list-style-type: none"> Water Tables and track drainage Track surfaces Track structures Modification of vegetation up to 1m from the edge of the track

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Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

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Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

401 Mahurangi Regional Park

Designation Number	401
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Requiring Authority	Auckland Council
Location	190 Ngarewa Drive, Mahurangi West; Ridge Road, Mauhurangi East; and Big Bay and Lagoon Bay, Mahurangi East
Rollover Designation	Yes
Legacy Designation	Designation 202, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	

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Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

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The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

402 Shakespear Regional Park

Designation Number	402
Requiring Authority	Auckland Council
Location	1501 Whangaparoa Road, Army Bay, Whangaparoa
Rollover Designation	Yes
Legacy Designation	Designation 204, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards

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Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest
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Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

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Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

403 Muriwai Regional Park

Designation Number	403
Requiring Authority	Auckland Council
Location	447 Motutara Road, Muriwai
Rollover Designation	Yes
Legacy Designation	Designation 205, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan

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(2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

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4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

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2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

404 Scandrett Regional Park

Designation Number	404
Requiring Authority	Auckland Council
Location	114 Scandrett Road, Mullet Point, Mahurangi East
Rollover Designation	Yes
Legacy Designation	Designation 206, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

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Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

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Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone,

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charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

405 Orewa Council Offices

Designation Number	405
Requiring Authority	Auckland Council
Location	50 Centreway Road, Orewa
Rollover Designation	Yes
Legacy Designation	Designation 131, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Administrative, professional and commercial offices and services on the site of the Council offices.

Conditions

No conditions.

Attachments

No attachments.

406 View Road Local Park

Designation Number	406
Requiring Authority	Auckland Council
Location	36 View Road, Warkworth
Rollover Designation	Yes
Legacy Designation	Designation 104, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

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Attachments

No attachments.

407 Alnwick Street Local Park

Designation Number	407
Requiring Authority	Auckland Council
Location	Alnwick Street (Pt Allotment 68 PSH of Mahurangi), Warkworth
Rollover Designation	Yes
Legacy Designation	Designation 151, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

408 Gernard Road Local Park

Designation Number	408
Requiring Authority	Auckland Council
Location	Gurnard Road (Lot 1 DP 51255), Stillwater
Rollover Designation	Yes
Legacy Designation	Designation 154, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Five years from when the Unitary Plan becomes operative unless given effect to prior

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

409 Alnwick Street Local Park

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Designation Number	409
Requiring Authority	Auckland Council
Location	Alnwick Street (Pt Allotment 68 PSH of Mahurangi), Warkworth
Rollover Designation	Yes
Legacy Designation	Designation 158, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Five years from when the Unitary Plan becomes operative unless given effect to prior

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

410 Rustybrook Road Refuse Disposal

Designation Number	410
Requiring Authority	Auckland Council
Location	141 Rustybrook Road, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 106, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Refuse disposal.

Conditions

No conditions.

Attachments

No attachments.

411 Omaha Drive Refuse Station

Designation Number	411
Requiring Authority	Auckland Council
Location	31 Omaha Drive, Omaha
Rollover Designation	Yes

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Legacy Reference	Designation 109, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

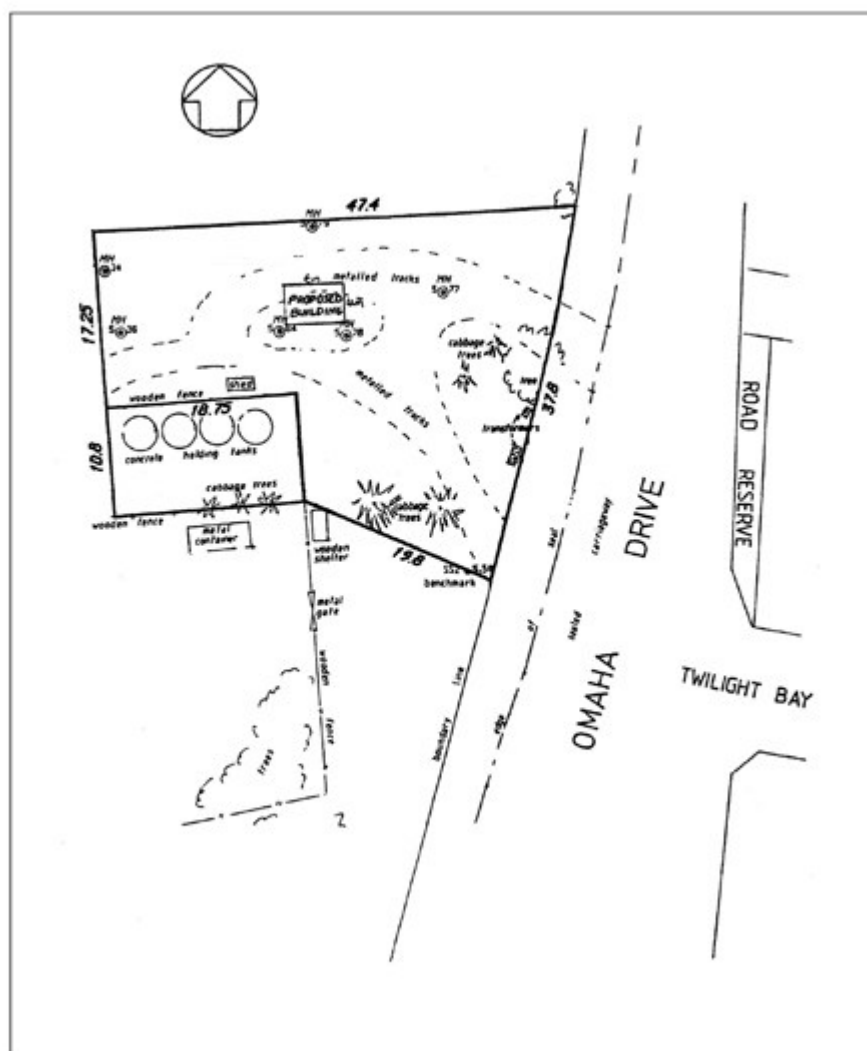
Refuse transfer station.

Conditions

No conditions.

Attachments

Plan of the Refuse Transfer Station



412 Leigh Road Refuse Disposal

Designation Number	412
Requiring Authority	Auckland Council

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Location	307 Leigh Road, Ti Point
Rollover Designation	Yes
Legacy Reference	Designation 110, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Refuse disposal.

Conditions

No conditions.

Attachments

No attachments.

413 Lawrie Road Refuse Disposal

Designation Number	413
Requiring Authority	Auckland Council
Location	55 Lawrie Road, Snells Beach
Rollover Designation	Yes
Legacy Reference	Designation 120, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Refuse disposal.

Conditions

No conditions.

Attachments

No attachments.

414 Devonport Library

Designation Number	414
Requiring Authority	Auckland Council
Location	2 Victoria Road, Devonport
Rollover Designation	Yes
Legacy Designation	Designation 186, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place, an Outline Plan of Works is required.

2. The following shall be submitted with the Outline Plan of Works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Exemptions:

Conditions 1 and 2 do not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan.

3. An outline plan of works for any works or development shall include an assessment of effects and appropriate mitigation of impacts in relation to the coastal and landscape values of the site.

Advice Notes

1. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT be advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

2. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

3. The requiring authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to the condition in order to confirm an outline plan is not required.

Attachments

No attachments.

415 Long Bay Regional Park

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Designation Number	415
Requiring Authority	Auckland Council
Location	2000 Beach Road, Long Bay
Rollover Designation	Yes
Legacy Designation	Designation 117, Auckland Council District Plan (North Shore Section) 2002; and Designation 180, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

- Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.
- Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).
- The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ol style="list-style-type: none"> Water Tables and track drainage Track surfaces Track structures Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	

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Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

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The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

416 Te Rau Puriri Regional Park

Designation Number	416
Requiring Authority	Auckland Council
Location	2911 South Head Road, South Head
Rollover Designation	Yes
Legacy Designation	Designation 210, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards

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Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest
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Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

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Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

417 Rosedale Landfill

Designation Number	417
Requiring Authority	Auckland Council
Location	62 Greville Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 116, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Refuse disposal.

The Rosedale Landfill and Constellation Drive Transfer Station are designated by the Auckland Regional Council pursuant to the powers given to it by Section 707AA of the Local Government Act 1974. Operation and management of these facilities is vested in Northern Disposal Systems Ltd, a LATE of the Auckland Regional Services Trust.

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The Rosedale Landfill currently receives all of the refuse from within the city, from within the North Shore and from various localities beyond the North Shore. The landfill has sufficient capacity to continue operations past the turn of the century. The Council has long held the view that the Rosedale Landfill is not well located to serve as a regional refuse facility because of its impact on local residential properties, its likely effect upon the planned development of the Greville Road area for housing and upon the Council's desire to achieve high urban environmental standards throughout the Albany Basin. Consequently, the Council has resisted proposals for major extensions to the Rosedale Landfill, and has instead given planning consent to two limited extensions only. These consents recognised and sought to overcome the short-term difficulties facing the Auckland Regional Council in disposing of the North Shore's refuse.

The planning approval given by the Council to the second extension stipulated that there was to be no further expansion of the Rosedale Landfill beyond the limits of that consent and imposed a number of conditions on the establishment, operation and management of the landfill. Issues relating to the landfill designation were again considered in 1996 during the hearing of submissions to the proposed District Plan. As a result, consent to dispose of refuse in the Rosedale Landfill expires during the year 2005. The Development Plan for the landfill, showing the finished landform, and the conditions attached to its operation and management are incorporated within the District Plan as Appendix 14H. A Management Plan for the landfill is being prepared by Northern Disposal Systems Ltd in consultation with the Council. This Plan will set out the approved guidelines for the management and operation of the landfill.

The Council's longterm intention for the site as a reserve is indicated by a policy in Section 19.3.2. A possible end use proposal is shown in Appendix 14I. The Council does, however, reserve its right to develop and use the facility in a manner appropriate to the circumstances existing at the time in the future when development and use of the landfill for urban type purposes is possible.

Conditions

1. Major Control Requirements

1.1 The development of the Rosedale Landfill (hereinafter referred to as the 'landfill') shall proceed in accordance with the provisions of the Development Plan included in Appendix 14H.

1.2 The landfill shall be operated in conjunction with a refuse transfer station and shall not be open to the general public except in an extreme emergency.

1.3 All vehicles shall enter and leave the landfill from Greville Road and no vehicle access shall be permitted from Rosedale Road.

1.4 Except insofar as is necessary to construct vehicle access as soon as practical from the Stage 1 extension to Greville Road, as required in Condition 4 of Major Control Requirements of the Consent Order for the Rosedale Landfill Stage 1 Extension, the Auckland Regional Council shall not commence landfill until both the present landfill and the Stage 1 extension are full.

1.5 There shall be no consent given at any stage in the future to the further extension of refuse disposal facilities at or within the vicinity of Rosedale Road.

1.6 That refuse disposal on the landfill site shall cease in the year 2005.

1.7 The landfill shall be operated and developed so that the final levels of refuse landfill and restoration works shall comply with the levels depicted on the Development Plan, except insofar as any modification may be agreed between the ARC and the city Council. It is acknowledged that this obligation shall be satisfied as soon as practicable after the refuse landfill is complete and following satisfaction of the obligation at that time, the

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ARC shall not have a continuing obligation in this regard.

1.8 All works of an engineering nature shall require approval of the City Engineer.

2. Establishment Works

2.1 The ARC shall obtain all necessary water rights from the Regional Water Board for the collection and disposal of leachate and shall comply with the terms and conditions of these rights.

2.2 The ARC shall obtain all necessary water right and engineering approvals from the city Council for sediment erosion and silt collection, and for the construction of the proposed culvert to carry the flow of the tributary to the Oteha Stream through the landfill site, as well as for such connecting pipes as are required for the tributary stream in the culvert beneath Greville Road, the runoff from existing landfill areas, natural seepage and the like.

2.3 The ARC shall place a seal of clay compacted to a minimum depth of one metre over the top of the culvert. This clay seal shall be provided to the satisfaction of the Regional Water Board to ensure that leachate is directed to the leachate drain, and to the satisfaction of the city Council to ensure that sound engineering practice is followed.

2.4 The ARC shall obtain engineering approval from the city Council for an overland flow path for the tributary stream, this flow path being maintained at each stage in the operation of the landfill as well as in the ultimate development of the land for recreational purposes. However, the ARC is advised that it may be necessary for the Council to obtain the approval of the Regional Water Board to a modification of Water Right No. 833824 held by the Council.

2.5 The overland flow path shall be designed to come into operation immediately the upstream detention pond has reached its design peak level.

2.6 The ARC shall construct drains for the collection of leachate. These drains shall be provided to the satisfaction of the Regional Water Board to convey leachate from the landfill to a proposed leachate recirculating system or to the existing 80mm leachate pumping main to the North Shore Drainage Board treatment plant and to the satisfaction of the city Council to ensure that sound engineering practice is followed.

2.7 The entrance and access road off Greville Road, including such widening of the carriageway as may be necessary, shall be designed, constructed and sealed to the satisfaction of the city Council.

2.8 The internal road giving access to the disposal site shall be sealed from Greville Road to the wheelwash.

2.9 The wheelwash facility shall be designed to the satisfaction of the city Council and maintained in a manner that at all times ensures the effective cleaning of vehicles leaving the landfill.

2.10 The excavation of cover material by earthmoving machinery shall only occur between the hours of 7.00 am and 8.30 pm, Mondays to Saturdays. There shall be no excavation on Sundays.

2.11 The ARC shall ensure that all earthmoving machinery is equipped with effective mufflers.

2.12 Screen planting along the Greville Road frontage and eastern boundary of the landfill shall commence during the first planting season after the requirement is finally confirmed. In this regard a planting plan shall be prepared by the ARC and approved by the city Council prior to planting commencing. The planting plan shall determine which existing trees and vegetation shall be retained.

2.13 Such fire breaks shall be provided around the edge of the disposal site as may be required by the New

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Zealand Fire Service.

2.14 All signage shall be the subject of separate planning approval.

3. Landfill Management and Operations

3.1 All landfill operations shall be under the direct supervision of the ARC.

3.2 At the end of each day refuse shall be covered either with soil or fine mesh netting. The manner for dealing with refuse left overnight shall be monitored and the Medical Officer of Health shall have the right to direct that it be covered with soil should he/she consider that this practice is necessary.

3.3 The ARC shall deal with hazardous wastes in accordance with its Refuse Disposal Baylaw 1976.

3.4 Immediate and effective action shall be taken to deal with refuse that is particularly objectionable because of smell.

3.5 Immediate and effective action shall be taken to eliminate vermin or insect infestation should this become evident. Where necessary, this action shall include an ongoing programme of eradication.

3.6 Should the ARC devise an acceptable technique for effectively stopping seagulls from gathering at the landfill, it shall apply this technique immediately.

3.7 Temporary contour drains shall be formed around the landfill to the satisfaction of the city Council to intercept stormwater flowing from higher ground and areas of covered refuse.

3.8 Permanent stormwater drainage for the completed landfill shall be installed as required to the satisfaction of the city Council.

3.9 Landfill operations including earthworks associated with land-filling shall be carried out under the supervision of an appropriately qualified person who shall ensure that these works are undertaken in a manner that ensures the stability of the land and all pipelines contained therein.

3.10 Refuse shall be conveyed to the landfill in totally enclosed vehicles. The only exception to this shall be in the event that the landfill is opened to the general public in an extreme emergency. In this event, the ARC shall charge an additional fee for loads which, in the opinion of the ARC staff, are insecure.

3.11 Windblown litter shall be contained effectively within the landfill by the erection of nets and screens, and these shall be cleared of litter at weekly intervals or more frequently as necessary.

3.12 The ARC shall carry out patrols along the Greville Road and State Highway 1 frontage of the landfill to pick up:

- a. Litter blown beyond the nets and screens at weekly intervals or more frequently as necessary; and
- b. Refuse illegally deposited at the roadside as required.

3.13 The ARC shall ensure that all operating equipment used on the landfill is equipped with effective mufflers.

3.14 That the operation of the landfill shall comply with the rules of the proposed District Plan with regard to Odour (Rule 10.4.2), Dust (Rule 10.4.3) and Noise (Rule 10.5).

4. Completion Works

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4.1 The ARC shall place a minimum of 500mm of soil on the finished surfaces of the landfill as soon as practicable after refuse land-filling is complete and sow the area with grass.

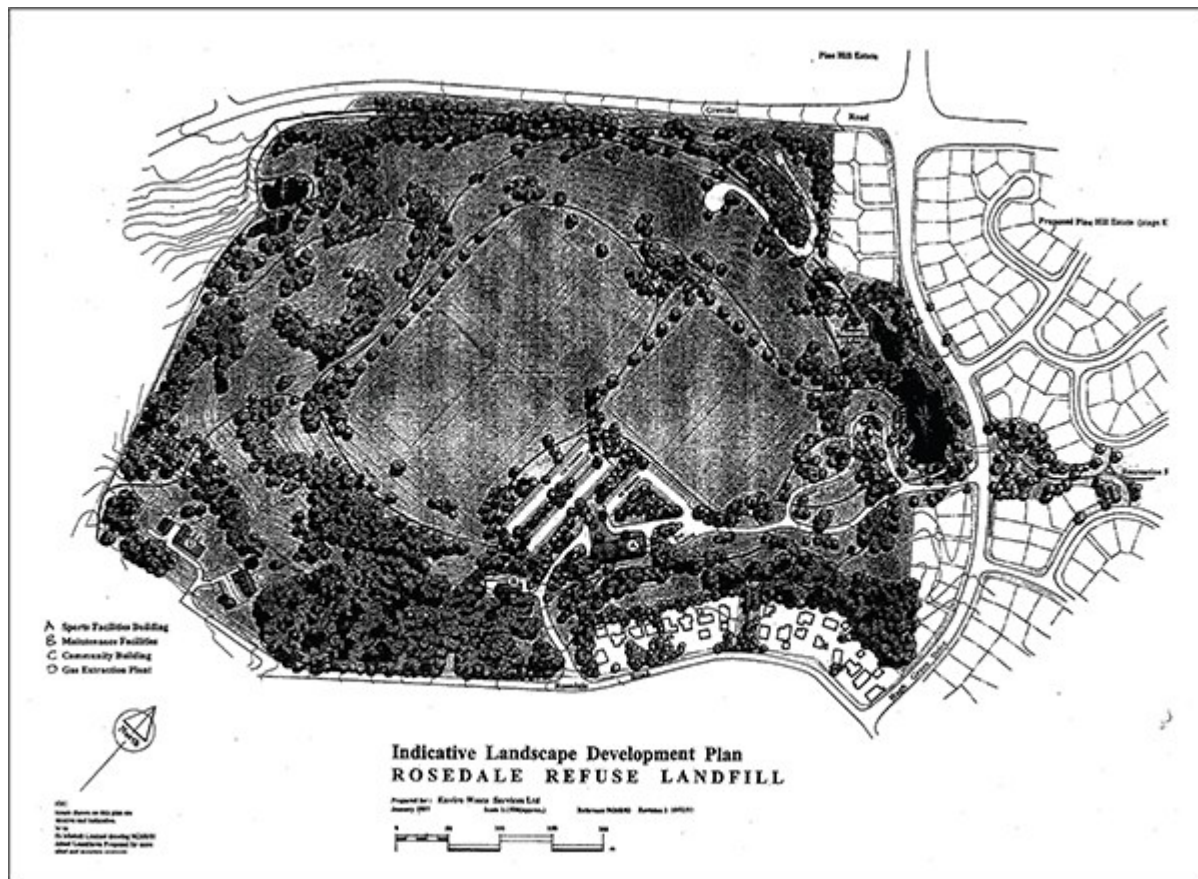
4.2 The ARC shall have a continuing responsibility for leachate collection and disposal beyond the life of the landfill as a disposal facility until such time as the Regional Water Board gives written notice to the Council that this is no longer required.

4.3 Should sewerage reticulation be provided in the vicinity of the landfill prior to the Regional Water Board giving notice to the Council under Clause 4.2 above, the Council may require the leachate drains to be connected to this reticulation at the ARC's cost.

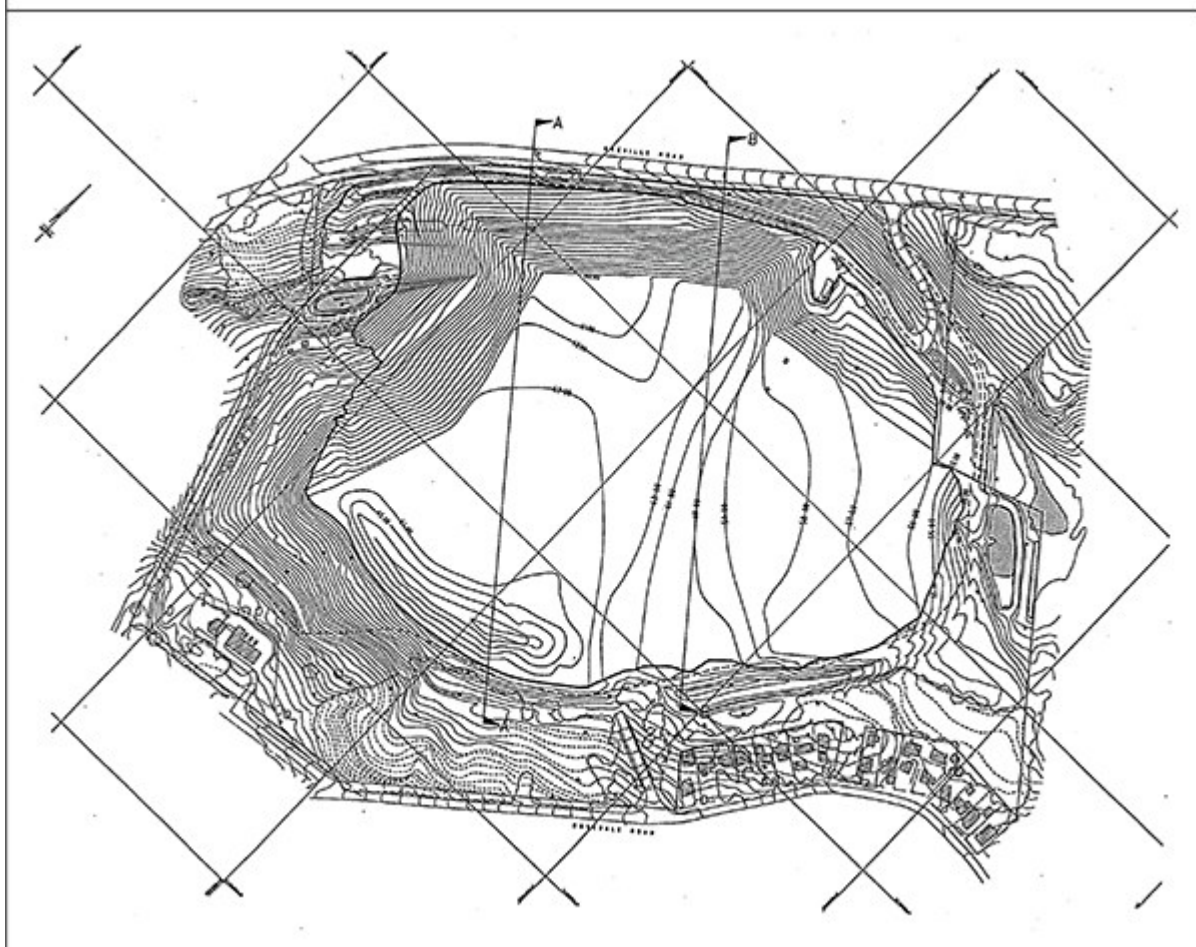
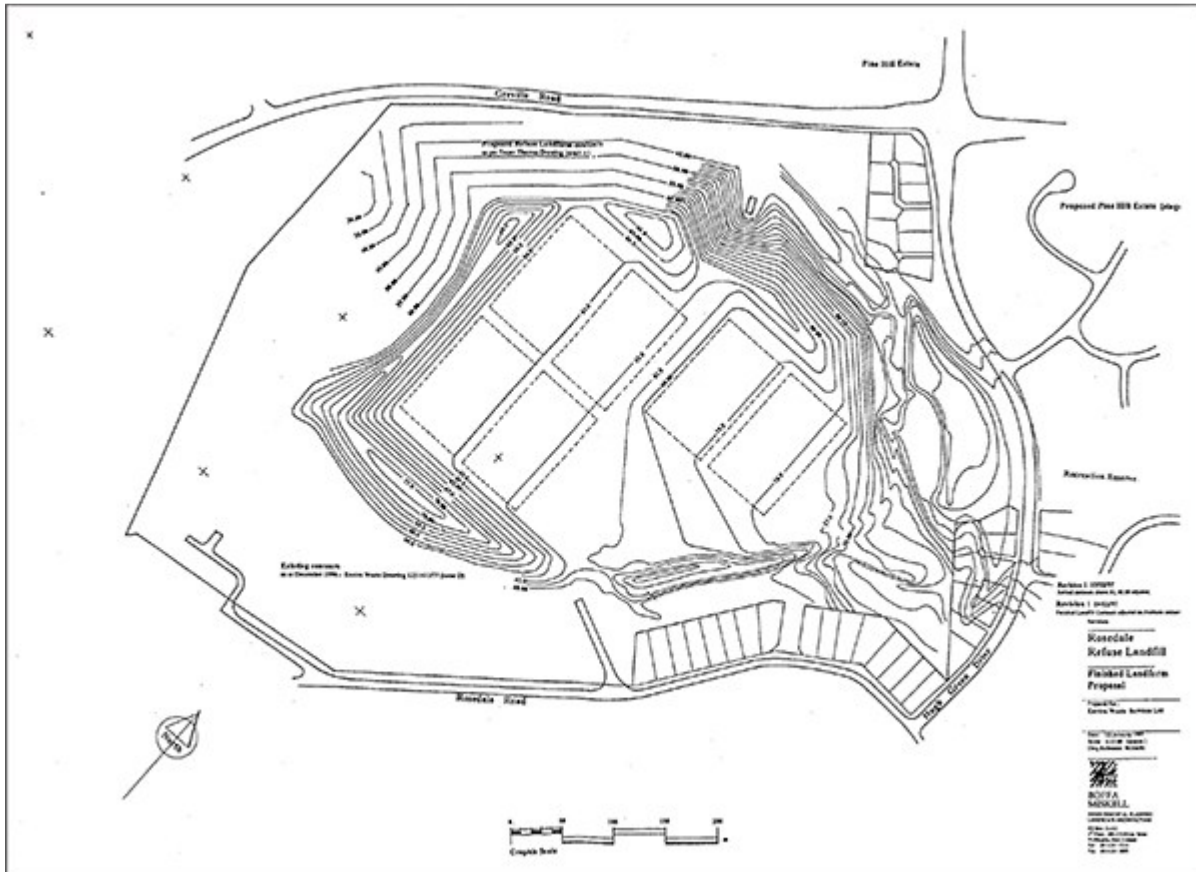
4.4 The City Council is concerned as to the eventual ownership of the completed landfill and its further development (after proper completion of the landfill works) to a state suitable for recreational or associated public use. Whilst these matters are affected by legal conditions which impose constraints on the ARC's powers, the ARC shall continue to participate in discussions on these issues with the Council.

Attachments

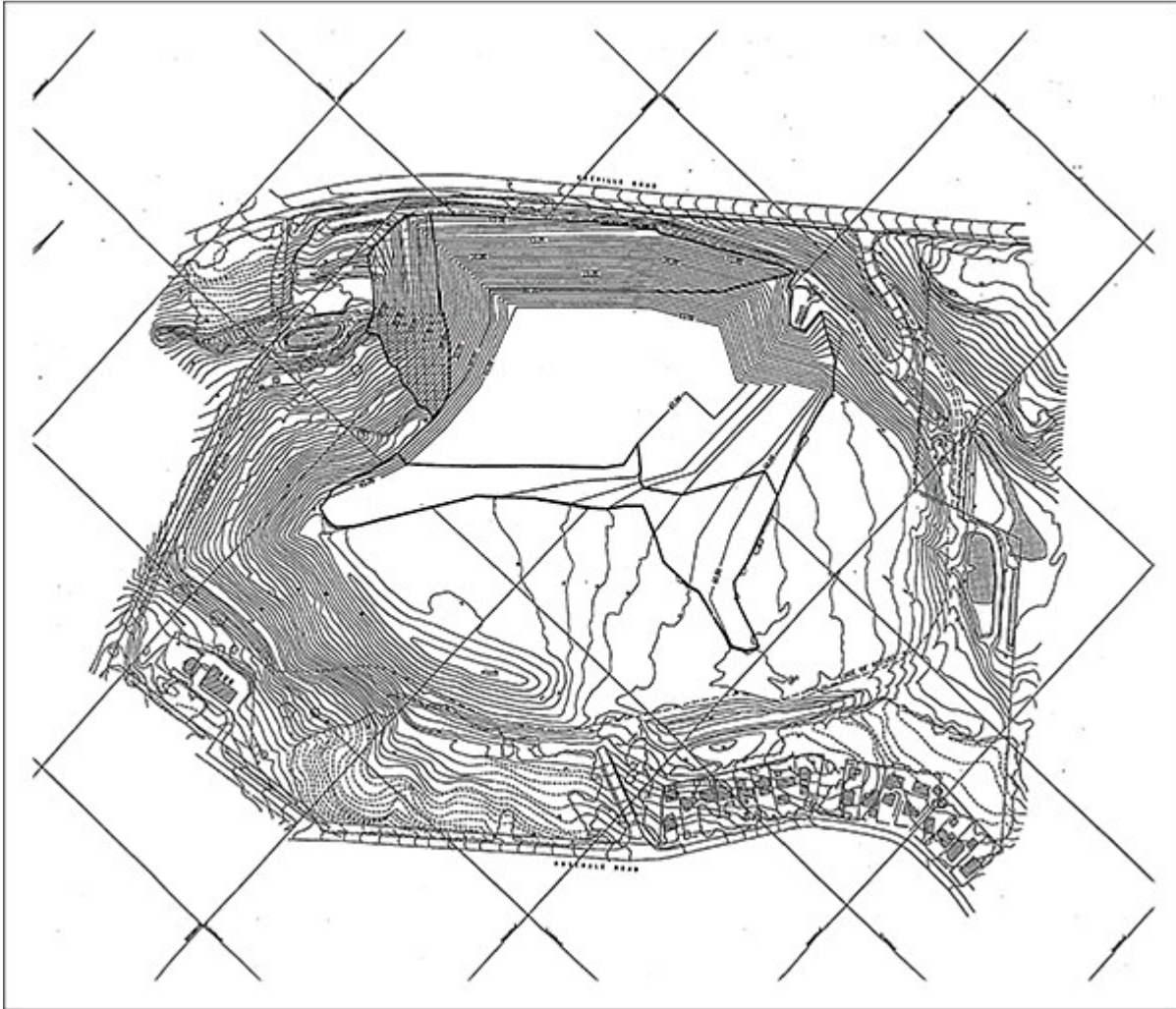
14I Possible End Use Proposal for Refuse and Disposal Site at Rosedale Road



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418 Waitakere Ranges Regional Parkland

Designation Number	418
Requiring Authority	Auckland Council
Location	300 Scenic Drive, Titirangi; 601 Huia Road, Parau; and, Whatapu Road, Huia, Waitarua
Rollover Designation	Yes
Legacy Designation	Designation WCCRP, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

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2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the

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outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:
 - a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:
 - i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
 - ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.
2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-

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subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

419 Waikumete Cemetery

Designation Number	419
Requiring Authority	Auckland Council
Location	4128A Great North Road, Glen Eden
Rollover Designation	Yes
Legacy Designation	Designation C1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Cemetery and crematorium.

Conditions

Outline Plan of Works

1. Before any works, including new buildings, are undertaken an Outline Plan of Works shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 1, from requiring an outline plan of works. The Outline Plan of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan of Works.

Exemptions

2. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of cemetery infrastructure	Nature of works
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Burials	The construction of works associated with interments, including ornamental gardens.	Structures, such as burial plots, berms, headstones and mausoleums.
Paths and tracks	Construction and maintenance of paths and tracks in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of paths and tracks up to 2.5 metres in width, including the construction of structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing paths and tracks involving: <ul style="list-style-type: none"> i. Water tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of native vegetation up to 1 metre from the edge of the track.
Minor buildings, structures and utility services, including drainage systems	Construction and maintenance of minor buildings and structures and utility services	The construction of utility services and minor structures, such as notice boards, information kiosks, signs, outdoor seating, entrance gates, shade shelters, pavilions and toilet blocks.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of native vegetation up to 1 metre from the edge of the car park or road, or within the car park for safety reasons
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Cemetery Management Plan

3. Cultural / Heritage / Archaeological

Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for the purpose of a cemetery but is to conserve and protect the recognised natural, cultural and historic values that significantly contribute to the cemetery setting.

This condition (Condition 2) will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan.

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The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 2 in order to confirm an outline plan is not required.
2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.
3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.
4. The Cemetery Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a cemetery.

Attachments

No attachments.

420 Swanson Cemetery

Designation Number	420
Requiring Authority	Auckland Council
Location	54 O'Neills Road, Swanson
Rollover Designation	Yes
Legacy Designation	Designation C2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Cemetery.

Conditions

Outline Plan of Works

1. Before any works, including new buildings, are undertaken an Outline Plan of Works shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 1, from requiring an outline plan of works. The Outline Plan of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan of Works.

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Exemptions

2. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of cemetery infrastructure		Nature of works
Burials	The construction of works associated with interments, including ornamental gardens.	Structures, such as burial plots, berms, headstones and mausoleums.
Paths and tracks	Construction and maintenance of paths and tracks in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of paths and tracks up to 2.5 metres in width, including the construction of structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing paths and tracks involving: <ul style="list-style-type: none"> i. Water tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of native vegetation up to 1 metre from the edge of the track.
Minor buildings, structures and utility services, including drainage systems	Construction and maintenance of minor buildings and structures and utility services	The construction of utility services and minor structures, such as notice boards, information kiosks, signs, outdoor seating, entrance gates, shade shelters, pavilions and toilet blocks.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of native vegetation up to 1 metre from the edge of the car park or road, or within the car park for safety reasons
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Cemetery Management Plan

3. Cultural / Heritage / Archaeological

Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for the purpose of a cemetery but is to conserve and protect the recognised natural, cultural and historic values that significantly contribute to the cemetery setting.

This condition (Condition 2) will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing

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fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;

ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or

iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 2 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Cemetery Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a cemetery.

Attachments

No attachments.

421 Alderman Drive Local Park

Designation Number	421
Requiring Authority	Auckland Council
Location	9-15 Alderman Drive, Henderson
Rollover Designation	Yes
Legacy Designation	Designation OS5, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

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Conditions

1. An Outline Plan of Works for any works or development shall include an assessment of effects and appropriate mitigation of impacts on the landscape values of the site.

Attachments

No attachments.

422 Sunnyvale Road Local Park

Designation Number	422
Requiring Authority	Auckland Council
Location	1-19 Sunnyvale Road, Swanson
Rollover Designation	Yes
Legacy Designation	Designation PR4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. An outline plan of works for any works or development shall include an assessment of effects and appropriate mitigation of impacts in relation to the following matters: Noise, Natural Hazards, Hazardous facilities and contaminated sites, Air discharges and odour, and dust, glare and vibration.

Attachments

No attachments.

423 Glen Road Park Service Centre

Designation Number	423
Requiring Authority	Auckland Council
Location	75 Glen Road, Massey
Rollover Designation	Yes
Legacy Designation	Designation PSC1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Park service centre.

Conditions

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1. An outline plan of works for any works or development shall include an assessment of effects and appropriate mitigation of impacts in relation to the following matters: Noise, natural hazards, hazardous facilities and contaminated sites, air discharges and odour, and dust, glare and vibration.

Attachments

No attachments.

424 Woodglen Road Local Park

Designation Number	424
Requiring Authority	Auckland Council
Location	45 Woodglen Road, Glen Eden
Rollover Designation	Yes
Legacy Designation	Designation WW1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local parks including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. An Outline Plan of Works for any works or development shall include an assessment of effects and appropriate mitigation of impacts on the landscape values of the site.

Attachments

No attachments.

425 The Concourse Solid Waste Baling Station

Designation Number	425
Requiring Authority	Auckland Council
Location	50 The Concourse, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation BF1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Solid waste baling station.

Conditions

1. Subject to the following parts of the Auckland Council District Plan (Waitakere Section) 2003:
a. All relevant Natural Area Rules;

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- b. City-Wide Rules of the Plan relating to: noise standards, natural hazards, hazardous facilities and contaminated sites, and heritage; and
- c. All relevant Human Environment Rules relating to: noise, air discharges and odour, dust, glare and vibration.

Attachments

No attachments.

426 Te Muri Regional Park

Designation Number	426
Requiring Authority	Auckland Council
Location	184 Hungry Creek Road, Mahurangi West
Rollover Designation	Yes
Legacy Designation	Designation 209, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.
2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).
3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure	Nature of works
--	-----------------

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Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services Maintenance, repairs and minor alterations to buildings, structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

The Proposed Auckland Unitary Plan (notified 30 September 2013)

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

427 Wenderholm Regional Park

Designation Number	427
Requiring Authority	Auckland Council
Location	37 Schischka Road, Wenderholm
Rollover Designation	Yes
Lapse Date	Given effect to (i.e. no lapse date)
Legacy Reference	Designation 211, Auckland Council District Plan (Rodney Section) 2011

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.
2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).
3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

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Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

428 Utility Reserve - Main Road

Designation Number	428
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Auckland Council
Location	66 Main Road, Kumeu
Rollover Designation	Yes
Legacy Reference	Designation 146, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Utility reserve - public toilets.

Conditions

No conditions.

Attachments

No attachments.

429 Atiu Creek Regional Park

Designation Number	429
Requiring Authority	Auckland Council
Location	415 Run Road, Tapora
Rollover Designation	Yes
Legacy Designation	Designation 207, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone,

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charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

430 Regional Parkland at Pakiri

Designation Number	430
Requiring Authority	Auckland Council
Location	Southern part of Pakiri Coast (vicinity of Witten Road, Spencer Road and M G
Rollover Designation	Yes
Legacy Designation	Designation 208, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure	Nature of works
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services Maintenance, repairs and minor alterations to buildings, structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

The Proposed Auckland Unitary Plan (notified 30 September 2013)

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

R431 Regional Parkland at Pakiri

Designation Number	R431
Requiring Authority	Auckland Council
Location	Pakiri River Road, Pakiri Coast
Rollover Designation	No
Legacy Designation	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

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Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

R432 Te Arai Regional Park

Designation Number	R432
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Requiring Authority	Auckland Council
Location	Te Arai Point Road, Te Arai
Rollover Designation	No
Legacy Designation	N/A
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

- Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.
- Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).
- The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ol style="list-style-type: none"> Water Tables and track drainage Track surfaces Track structures Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	

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Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

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The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

Central

Designation Schedule - Auckland Council (2/3)

Central

Number	Purpose	Location
500	Auckland City Art Gallery ...	1 Kitchener Street, Auckland Central
501	Public open space	445-47 Pakenham Street East to 119-117B and C Custom Street East, Central Auckland

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502	Community facility ...	44-48 Lorne Street, Auckland Central
503	Community facility ...	2 Freyberg Place, Auckland Central
504	Community facility ...	86-102 Customs Street West, Auckland Central
505	Public open space	58-130 Hamer Street and 92-150 Brigham Street, Auckland Central
506	Road and public open space - Gateway Plaza	141-177 Halsey Street, Auckland Central
507	Road and public open space	164-188 Madden Street, Auckland Central
508	Public open space	31-79 Daldy Street, Auckland Central
509	Public open space	49-63 Jellicoe Street, Auckland Central
510	Public open space ...	4 and 12 Hamer Street, and 49-63 Jellicoe Street, Auckland Central
511	Public open space / road	141-171 Pakenham Street West, 31-79 Daldy Street, 38-58 Gaunt Street and 155-167 Fanshawe Street, Auckland Central
512	Public open space / road	141-171 Pakenham Street West, 37-55 Madden Street and 8-56 Brigham Street, Auckland Central
513	Community facility ...	20 St Mary's Road, Ponsonby
514	Local park ...	84 St Mary's Road, Ponsonby
515	Local park ...	Selby Square, St Mary's Bay
516	Council carpark and reserve ...	23 Tamaki Drive, Orakei
517	Council carpark	Motions Road, Westmere
518	Council carpark	731 Great North Road, Grey Lynn
519	Community facility ...	1 Ponsonby Road, Ponsonby
520	Community facility ...	52 Hepburn Street, Freemans Bay
521	Community facility ...	18-20 Huia Road, Pt Chevalier
522	Community facility ...	474 Great North Road, Grey Lynn
523	Local park ...	Dominion Road (adjoins railway), Eden Terrace
524	Community facility ...	22 Tahapa Crescent, Meadowbank
525	Local park ...	337 Kohimarama Road, Kohimarama
526	Community facility ...	83 Crossfield Road, Glendowie
527	Local and sports park ...	93-123 Riversdale Road, Avondale
528	Local and sports park ...	93-123 Riversdale Road, Avondale
529	Local park ...	1625-1627 Great North Road, Waterview
530	Local park ...	1628 Great North Road, Waterview
531	Local park ...	1 Trent Street, Avondale
532	Community facility ...	82-84 St Luke's Road, Mount Albert
533	Local park ...	58-70 Balmoral Road, Mount Eden
534	Community facility ...	195-199 Manukau Road, Epsom
535	Local park ...	12 Wilding Avenue, Epsom
536	Community facility ...	174 Green Lane West, Greenlane

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537	Community facility ...	431-435 Remuera Road, Remuera
538	Community facility ...	93-99 Rosebank Road, Avondale
539	Local and sports park ...	56-60 Owairaka Avenue, Owairaka
540	Community facility ...	13 May Road, Mount Roskill
541	Community facility ...	20 Findlay Street, Ellerslie
542	Council works depot	36 Mountain Road, Mount Wellington
543	Community facility ...	139 Mount Wellington Highway, Mount Wellington
544	Community facility ...	14-50 Dunkirk Road, Panmure
545	Local park ...	77 Wolverton Street, Avondale
546	Local park ...	80R-80S Wolverton Street, Avondale
547	Mount Smart Stadium ...	2 Beasley Avenue, Penrose
548	Community facility ...	5 Olea Road, Onehunga
549	Council carpark	Mount Wellington Highway (Lot 1 DP 103286), Mount Wellington
550	Community facility ...	578 Blockhouse Bay Road, Blockhouse Bay
551	Local and sports park ...	69 Captain Springs Road, Te Papapa
552	Community facility ...	28-34 Mason Avenue, Otahuhu
553	Refuse processing centre	81 Captain Springs Road, Te Papapa
554	Road	141-171 Pakenham Street, Central Auckland
555	Road	65-75 Jellicoe Street, Central Auckland

500 Auckland City Art Gallery

Designation Number	500
Requiring Authority	Auckland Council
Location	1 Kitchener Street, Auckland Central
Rollover Designation	Yes
Legacy Designation	Designation 306, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

This designation provides for the development, operation and maintenance of Auckland Art Gallery Toi o Tamaki and ancillary activities. The development works encompassed by this designation principally involve excavation, seismic strengthening, heritage conservation (including restoration) demolition of infill buildings, alterations and extensions to the Art Gallery building. The existing interior and plant spaces will be modernised to increase the display and temporary exhibition space and related front-and back-of-house spaces, and to improve connections within and adjacent to the Art Gallery building. The principal activities of the Auckland Art Gallery include the collection, research and display of works of art and their associated interpretation, management and conservation. Closely related ancillary activities include the operation of a research library and the delivery of education and public programmes, together with the provision of visitor amenities including a shop, a cafe, a gallery shop and function and event facilities.

Conditions

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Plans and Information

1. The height, shape, and bulk of the proposed building works shall be carried out generally in accordance with the plans listed in the table below and which are comprised in Appendix 1 to these conditions (*these plans available on request*):

Drawing Title	Drawing number	Revision
Urban Plan	DP01	C
Designation Plan	DP02	A
Basement Floor Plan	DP03	C
Lower Ground Floor Plan	DP04	C
Ground Floor Plan	DP05	C
Mezzanine Floor Plan	DP06	C
Level 1 Floor Plan	DP07	C
Level 2 Floor Plan	DP08	C
Level 3 Floor Plan	DP09	C
Roof Plan	DP10	D
West Elevation	DP11	D
North Elevation	DP12	D
East Elevation	DP13	D
Section A	DP14	C
Section B	DP15	D
Section C + Section D	DP16	D
Section E	DP17	D
Existing/Proposed Plan	DP18	C
Existing/Proposed West Elevation	DP19	D
Existing Loading and External Public Space	DP20	D
Proposed Loading and External Public Space	DP21	D
Existing Water Features	DP22	C
Proposed Water Features	DP23	C
Section F	DP24	B

Building height

2. The requiring authority shall engage a licensed cadastral surveyor to certify to the Manager Planning - Central/Islands in writing, both at the construction of framing to the upper level roofs and at the completion of the upper level roofs, that the building work completed at each of these stages is in accordance with the indicated RLs (reduced levels) and dimensions on the plans listed in condition 1 above.

Should any height infringements result:

- the certificate provided by the licensed cadastral surveyor shall specify the relevant difference in height; and
- the upper level roofs will be required to be reduced in height to comply with the applicable heights indicated on the approved plans in Appendix 1 (plans available on request).

The RL's and dimensions on the plans listed in condition 1 above shall prevail where there is any difference between them and what may be demonstrated by scaling from drawings.

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External Glazing

3. The external vertically glazed surfaces of the Art Gallery North Atrium shall have, after the application of a soft low-E coating, a visible light transmission of no less than 81% and a visible light reflection of no greater than 9%. Roller blinds, drapes, curtains, banners, large flat art works and other objects that would prevent there being any visibility through the Art Gallery North Atrium of Albert Park from Kitchener Street shall not be used or installed in the Art Gallery North Atrium.

For the avoidance of doubt, this condition shall not prevent the floor-based display or suspension of works of art in the Art Gallery North Atrium. Any work of art in the Art Gallery North Atrium that partially obscures visibility of Albert Park through the Art Gallery North Atrium as viewed from a mid-point on Upper Khartoum Place, Kitchener Street (as specified in the attached illustration) shall be temporary in nature, with the display period not exceeding 12 months for that work. Any temporary work(s) of art in the Art Gallery North Atrium shall allow at least 60 percent of the views of Albert Park to be maintained through the east window of the Art Gallery North Atrium as viewed from that same mid-point on Upper Khartoum Place, Kitchener Street.

Prior to the Building Consent being issued for the construction of the Art Gallery new extensions, the requiring authority shall submit for the approval of the appointed independent heritage architect, Diane Hatada Jones, a schedule of external glazed surfaces together with details and specifications of the glazing systems designed for the remainder of the proposed Art Gallery new extensions (the areas excluding the North Atrium).

Note: With regard to the external glazed surfaces for the remainder of the proposed Art Gallery new extensions it is expected that the glass selected shall be appropriate for use in a functioning art museum which includes close environmental controlled interior gallery space. It is also expected that the glass selected for new glazing shall be sympathetic in appearance to the original heritage fabric of the Art Gallery. However the evaluation and approval of the schedule of external glazed surfaces should only be concerned with significant appearance issues and not fine level details. Existing windows to the heritage gallery will retain the current glass unless replacement of breakages is required, in which case the new material shall be a close match to that replaced.

Heritage

4. No work is to be undertaken on site for any demolition of original fabric until detailed drawings and specifications for the ensuing work have been completed and written approval has been subsequently obtained from the appointed independent heritage architect, Diane Hatada Jones, particularly in relation to the following matters:

- a. The emerging revised design for the south atrium and its interior components;
- b. Subject to condition 7 below (which applies to the exposed roof surface over the daylit gallery) the exterior, design and general appearance of roof plan elements, and in particular of structures or components that are elevated above the general new roof surfaces;
- c. The visibility of the East Gallery as seen from Albert Park, in relation to the evolving design and materials of the surrounding new gallery structure;
- d. The detailed design of, and use of materials in, the proposed raised East Gallery floor panels and their edges, bridging elements, architectural restoration, and lighting, to the intent that the original form and proportions of the East Gallery remain visually evident despite the new raised floor panels, and that the addition of the floor panels is reversible leaving the restored East Gallery intact, should such an action ever be contemplated;
- e. The detailed ground-level interface between Albert Park and new gallery elements;
- f. The on-going design and material resolution of the stone-clad base to the proposed northern building elements, to ensure a simple but legible relationship and visual narrative with the old Kitchener wing;
- g. The location, nature and impact of all seismic strengthening;
- h. The restoration of the East Gallery ceiling skylight, including the surviving maintenance gantry inside the roof lantern;
- i. The extent and location of major external gallery promotional, directional and other signage where this has a potential visual or physical impact on historic components of the gallery or Albert Park;
- j. The detailed design and alignment of the amphitheatre proposed for the north-eastern corner of the new northern wing in relation to its ground excavation impact on the park and nearby major trees;

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k. The design and location of pedestrian pathways in the entrance forecourt and at the northern end of the building between Kitchener Street and Albert Park to ensure visual and physical connectivity between Kitchener Street, the Art Gallery and Albert Park.

5. An investigation shall be conducted in locations agreed with the appointed independent heritage architect, Diane Hatada Jones, in respect of the possibility of surviving but hidden architectural detail and its adequate recovery or restoration in authentic form inside spaces of the 1887 Grainger and D'Ebro structures and the East Gallery.

6. An investigation shall be carried out, in consultation with the appointed independent heritage architect, Diane Hatada Jones, during project excavations in respect of the known entrances off Kitchener Street to the World War II tunnel system under Albert Park and, if considered appropriate by the appointed independent heritage architect, Diane Hatada Jones, provision for a limited form of access to the tunnels from within the Art Gallery building shall be made.

7. The material, colour, and tone of the exposed roof surface over the daylit gallery shall be the subject of appropriate visual assessment and be selected, to the approval in writing of the appointed independent heritage architect, Diane Hatada Jones, prior to its installation. This new roof shall be visually minimised by being a close visual match to the dark tones of the backdrop trees and to the general hues of the slate surfaces and metal flashings on the existing Grainger and D'Ebro gallery roof, as seen in the foreground in the heritage views from Wellesley Street between Elliott and Queen Streets. In regard to the above, "tones" means lightness or darkness but not colour; and "hues" means colours but not lightness or darkness.

8. The surrounds of the services (cooling) tower identified in plan drawing number DP10 Rev C listed in condition 1 above shall comprise semi-opaque, fritted, or frosted frameless glass and shall be the subject of appropriate visual assessment and be selected to the approval in writing of the appointed independent heritage architect, Diane Hatada Jones.

9. The appointed independent heritage architect, Diane Hatada Jones is to be advised of adequately in advance, and invited to be present at, regular site meetings with the contractor during the construction phase to enable appropriate consultation with Council staff and advisers and monitoring on all aspects of the project as it impacts on the heritage values of the scheduled building.

10. An illustrative record consisting of photographs and drawings is to be made, by an appropriately qualified and experienced conservation architect, of both the building and its surrounds, particularly the areas subject to alteration, prior to the proposed works commencing on site. Once during the project and also on completion of the project. Each internal and external space or element shall be photographically recorded from one or more locations, chosen so that the locations are accurately also available in the finished project, thus producing exactly equivalent 'before', 'during' and 'after' archival images. This publication, to also include a comprehensive record of images of the building from previous eras, is to be presented in bound form for Auckland Council records and a further copy of this record shall be available in the Auckland Art Gallery library.

11. Method statements must be agreed in writing with the appointed independent heritage architect, Diane Hatada Jones for all works which necessitate the protection of heritage fabric prior to construction commencing.

Archaeological

12. A plan at A1 scale is to be produced before work commences and kept on display on site showing current and proposed structures, overlain by known historic walls, paths, buildings, tunnels and entrances, and discovered radar anomalies, in order that monitoring authorities and any persons undertaking construction work on the site can best anticipate predictable subsurface elements. This plan should be similar in content to the plan attached in Appendix 2 to these conditions (plans available on request) but with the result of the ground-

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penetrating radar investigation added to the data shown on that plan. Such detail shall all be shown as accurately as records allow. A copy of this archaeological plan shall be provided to the Manager Planning - Central/Islands in advance of work commencing.

13. The requiring authority shall employ, at its expense, a qualified archaeologist who shall:

- a. Be on site to monitor all earthworks, including surface stripping of the site to establish whether any subsurface archaeological features are present: (this recognises that initial earthworks may go deeper than merely preliminary surface stripping. Additionally it is not just within the preliminary stages that archaeological evidence may be uncovered).
- b. Certify to the Council (Manager Planning - Central/Island) in writing whether or not any archaeological features have been discovered and if so, describe the immediately evident nature of the features as observed by the monitoring archaeologist prior to any formal investigation or recovery.

Refer Advice Note 2 below.

14. Following archaeological authorisation by the New Zealand Historic Places Trust and the Auckland Council, when each area of earthworks commences, sufficient time must be allowed for any exposed features to be professionally excavated and recorded by the archaeologist referred to in condition 13. This may entail programming surface clearance of each area of proposed earthworks ahead of the next stage of works, to allow any archaeological excavation to take place without unduly holding up the main work.

15. In the event that Koiwi (human remains) are uncovered in the process of excavation, work on the area concerned will cease immediately and Auckland Council (Manager Heritage) and the New Zealand Historic Places Trust (Regional Archaeologist) will be immediately contacted in order that appropriate investigation, iwi protocols, and further action can be defined. Work will not recommence on the area concerned until written authority is received from both the Auckland Council and New Zealand Historic Places Trust.

16. The requiring authority shall ensure that not less than seven days before any excavation associated with the works commences, representatives of tangata whenua are advised of, and invited to be present during, the excavations.

Construction

17. Prior to commencement of any works on the site, the requiring authority shall submit a construction management plan to the satisfaction of the Council (Manager - Central Resource Consenting and Compliance in consultation with Auckland Transport). The management plan shall include specific details relating to the excavation of the site, or part thereof, and the construction and management of all works associated with the proposed development, including:

- a. Details of the site or project manager, including their contact details (phone, facsimile, postal address);
- b. The location of large notice boards that clearly identify the name, telephone number and address for service of the site or project manager;
- c. Methods or restrictions, such as a restriction on the size of construction vehicles and machinery, to be employed to ensure that no damage occurs to street trees throughout the construction period;
- d. Measures to be adopted to ensure the protection of services such as pipes and water mains. in adjoining public roads and Albert Park;
- e. Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of demolition materials, rubbish, storage and unloading of building materials and similar construction activities;
- f. Measures to be adopted to ensure that pedestrian access past the works is provided where practicable and that such access is safe;
- g. Location of workers conveniences (eg portaloos);
- h. Ingress and egress to and from the site for vehicles during the demolition and construction period;
- i. Proposed maximum numbers and timing of truck movements throughout each day and their proposed routes;
- j. Procedures for controlling sediment runoff, dust, the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control

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dust nuisance on dry or windy days;

k. Location of vehicle, and demolition and construction machinery access during the construction period;

l. Hours of operation and days of the week for demolition and construction activities;

m. Means of ensuring the safety of the general public;

n. Procedures for ensuring that residents in the immediate vicinity of the site are given prior notice of the commencement of demolition and construction activities and informed about the expected duration and effects (e.g. noise, dust, traffic) of the works;

o. Procedures to be followed to ensure that those working in the vicinity of identified heritage features are aware of the heritage values of these features and the steps which need to be taken to meet the conditions applying to work on the site;

p. Procedures to be followed in the event that any historic artefacts are disturbed. The New Zealand Historic Places Trust protocol shall be the base standard to be adopted. The construction management plan shall be implemented and maintained to the satisfaction of the Council (Manager - Central Resource Consenting and Compliance).

18. To prevent contamination of drains with water containing soil sediment, no stock piling of excavated material is permitted on the site (except where it is to be reused on the site). Any surplus excavated material shall be removed from the site and deposited in an approved landfill except where this is to be reused on the site and stored and maintained to a reasonable standard.

19. The requiring authority shall implement suitable sediment control measures during demolition, excavation and for the total period of construction in accordance with the guidelines on siltation control in the Unitary Plan. This is to include measures such as a wheel wash to ensure that all stormwater run-off from the site is managed and controlled to ensure that no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channels or soakage systems or is deposited on roads. In the event that material is deposited on the road, the requiring authority shall take immediate action at its own expense to clean the road.

20. A wheel wash shall be installed and used on the site during the full period of demolition, excavation and construction works to ensure that loose material associated with pile works, removal of soil and debris, and delivery of construction materials is not carried by vehicle tyres and deposited on public roads. During such times the road carriageway adjacent to the site shall be hosed down at the end of each working day.

21. The loading and unloading of all vehicles and storage of plant and equipment associated with the excavation and construction on the site, shall take place within the designated area unless otherwise allowed by the written approval of the Council (Manager Planning - Central/Islands).

22. Temporary protection shall be installed where required to prevent vehicles damaging footpaths, kerbs and roads. Safety barriers and warning signs shall be installed as necessary and maintained at all times to ensure that the health and safety of the public and workers on the site is ensured. In the event that damage occurs to the roads, kerbs or footpaths as a result of demolition or construction works, the roads, kerbs or footpaths shall be fully reinstated at the requiring authority's expense.

23. All reinstatement work of the affected roads, footpaths, street furniture, trees and services shall be carried out at the direction of, and to the satisfaction of, the Council in consultation with Auckland Transport.

24. All existing crossings no longer required shall be reinstated as kerb and footpath and the cost of this borne by the requiring authority. All works associated with the relocation and creation of on-street loading space is to be to the satisfaction of the Council in consultation with Auckland Transport and the cost of these works shall be borne by the requiring authority.

Noise Management

25. Prior to commencement of the works the requiring authority shall prepare a construction noise management

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plan for the approval of the Council (Manager Planning - Central/Islands). The plan shall include an assessment of the likely demolition and construction noise levels and propose a noise mitigation plan. The requiring authority shall employ, at its expense, a suitably qualified acoustic consultant to monitor the works and ensure that the noise mitigation management plan is implemented and maintained to the satisfaction of the Manager - Central Resource Consenting and Compliance.

Traffic Management

26. Prior to any works commencing on the site, the requiring authority shall submit a traffic management plan for the approval of the Council in consultation with Auckland Transport. The plan shall address all relevant details as listed in Appendix 3 to these conditions (available on request). All works shall be carried out in accordance with the approved traffic management plan.

27. Any proposed changes to the layout of the Mayoral Drive/Wellesley Street/Kitchener Street intersection to facilitate demolition and construction activity associated with the Art Gallery development works shall be subject to analysis prepared by the requiring authority covering delay and capacity impacts. The results of this analysis shall be submitted with the proposed traffic management measures as part of the traffic management plan submitted in accordance with condition 26 above.

Movement of Service vehicles from Wellesley Street (Post-Construction)

28. Shorter wheelbase (8m) rigid trucks servicing the Art Gallery shall be allowed to reverse on to the site from Wellesley Street at any time (preferably avoiding the 4:00pm to 7:00pm weekday peak traffic period), subject to a marshal being in attendance to manage pedestrian movements on the Wellesley Street footpath when the truck is accessing the site.

29. Longer wheelbase (11m) rigid trucks servicing the Art Gallery shall be allowed to reverse onto the site from Wellesley Street at all times except the 4:00pm to 7:00pm peak period Monday to Friday (public holidays excepted) subject to a marshal being in attendance to manage pedestrian movements on the Wellesley Street footpath when the truck is accessing the site.

30. Articulated truck access to service the Art Gallery from Wellesley Street is restricted to the 7:00pm to 7:00am period on weekdays (public holidays excepted). Any articulated vehicles coming to the site should be scheduled with traffic management pre-arranged and the following Temporary Traffic Management Procedure should be introduced while the truck is manoeuvring onto the site. Part of any approved traffic management plan as outlined in Condition 26 above should include the requirement to advise both the Council (Manager - Central Resource Consenting and Compliance) and Auckland Transport one week in advance of the scheduled arrival of an articulated truck.

Temporary Traffic Management Procedure:

- a. Stop the eastbound through movement on Wellesley Street (direct traffic into Kitchener Street);
- b. Stop the right turn into Wellesley Street from Mayoral Drive; and
- c. Manage pedestrian movements on Wellesley Street footpath.

Note: For unscheduled rigid trucks, the proposed loading zones on either side of the vehicle crossing would allow the trucks to pull out of the traffic stream. The driver would then report to and get the necessary personnel from the Art Gallery for assistance with marshalling while the truck is reversing onto the site.

Parking

31. The requiring authority, in conjunction with the Art Gallery management. Council's Transport Strategy Group and the Auckland Transport, shall develop and implement a travel plan for the Art Gallery to assist both patrons and staff. The purpose of the travel plan shall be to promote alternative modes of transport to the motor car by recommending how demand for private commuter trips to/from the site can be minimised, particularly during the peak traffic periods. The travel plan shall be submitted for the approval of the Manager: City Planning prior to the

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commencement of the operation of the developed Art Gallery.

32. The requiring authority shall seek the approval of the Council (Manager - Central Resource Consenting and Compliance) in consultation with Auckland Transport to the following changes to the on-street parking controls:

- a. The P60 parking spaces outside the Art Gallery on Kitchener Street shall be changed to a P5; and
- b. That part of the P60 parking area on the northern side of Wellesley Street shall be changed to a time restricted bus parking area.

The full cost of giving effect to these changes shall be borne by the requiring authority.

33. The requiring authority shall seek the approval of the Council (Manager: Transport Safety Assets and Operations) to amend the other on-street parking controls impacted by the development of the Art Gallery to be generally in accordance with Traffic Planning Consultants Ltd drawing No. 03125-02 dated 2.8.05 and attached in Appendix 4 to these conditions (available on request).

The full cost of giving effect to these changes shall be borne by the requiring authority.

Landscape and Tree Works

34. Landscaping and tree works within the designated area shall be expressly authorised by resource consents where required by the Unitary plan and shall be carried out in accordance with conditions of any such resource consents.

General

35. A copy of this designation and its conditions and appendices (all available on request) shall be held on site at all times during the establishment and construction phase of the activity, and its provisions shall be drawn to the attention of all contractors, subcontractors and site supervisory staff.

Advice Notes

1. All archaeological sites (whether scheduled, registered or not) are protected under the provisions of the Historic Places Act 1993. It is an offence under this Act to destroy, damage or modify any archaeological site, whether or not the site is entered on the New Zealand Historic Places Trust Register of historic places, historic areas, waahi tapu and waahi tapu areas. Under Sections 11 and 12 of the Act, application must be made to the New Zealand Historic Places Trust for an archaeological site(s) where the avoidance of any effect on the site is not practicable.

2. Albert Park is scheduled as an archaeological site in the district plan, and this is recognised by the New Zealand Historic Places Trust (NZHPT). Notwithstanding this particular status for the park itself, the discovery of any archaeological feature or material on land beyond the scheduled archaeological site immediately ranks the location as a protected archaeological site under the Historic Places Act 1993. An application would need to be made to the NZHPT for a 'Consent to Modify' for the archaeological site (including the information required in section 11(2) of the Historic Places Act 1993), and resource consent from the Auckland City Council may be required prior to any excavation, modification or professional investigation taking place. Further work in the area must cease pending the application and granting of the required consents.

Attachments

No attachments.

501 Viaduct Harbour Open Space

Designation Number	501
Requiring Authority	Auckland Council

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Location	45-47 Pakenham Street East to 119-117B and C Custom Street East, Central Auckland
Rollover Designation	Yes
Legacy Designation	Designation 307, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public open space.

Conditions

No conditions.

Attachments

No attachments.

502 Auckland Central Library

Designation Number	502
Requiring Authority	Auckland Council
Location	44-48 Lorne Street, Auckland Central
Rollover Designation	Yes
Legacy Designation	Designation 303, Auckland Council District Plan (Central Area) (2005)
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

503 Pioneer Womens Ellen Melville Memorial Hall

Designation Number	503
Requiring Authority	Auckland Council
Location	2 Freyberg Place, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 304, Auckland Council District Plan (Central Area) 2005

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. Where any works or development involve the demolition of, or, alterations or additions to a scheduled historic heritage place, an Outline Plan of Works is required.
2. The following shall be submitted with the Outline Plan of Works:
 - a. An assessment of the effects on the historic heritage values of the place; and
 - b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Exemptions:

Conditions 1 and 2 do not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan.

Advice Notes

1. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.
2. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.
3. The requiring authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to the condition in order to confirm an outline plan is not required.

Attachments

No attachments.

504 Tepid Baths

Designation Number	504
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Requiring Authority	Auckland Council
Location	86-102 Customs Street West, Auckland Central
Rollover Designation	Yes
Legacy Designation	Designation 305, Auckland Council District Plan (Central Area) (2005)
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. Where any works or development involve the demolition of, or, alterations or additions to a scheduled historic heritage place, an Outline Plan of Works is required.
2. The following shall be submitted with the Outline Plan of Works:
 - a. An assessment of the effects on the historic heritage values of the place; and
 - b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Exemptions:

Conditions 1 and 2 do not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan.

Advice Notes

1. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.
2. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.
3. The requiring authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to the condition in order to confirm an outline plan is not required.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

505 Hamer Street Open Space

Designation Number	505
Requiring Authority	Auckland Council
Location	58-130 Hamer Street and 92-150 Bringham Street, Auckland Central
Rollover Designation	Yes
Legacy Designation	Designation 370, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public open space.

Conditions

No conditions.

Attachments

No attachments.

506 Gateway Plaza

Designation Number	506
Requiring Authority	Auckland Council
Location	141-177 Halsey Street, Auckland Central
Rollover Designation	Yes
Legacy Designation	Designation 373, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Road and public open space - Gateway Plaza.

Conditions

1. Vehicle traffic is to be restricted to the following classes:
 - a. Vehicles accessing the Halsey Street Extension Wharf or Quarter Area 7;
 - b. Emergency Vehicles; and
 - c. Bicycles.

Advice Note

1. Condition 1 may be amended or cancelled in accordance with section 181 of the Resource Management Act 1991 in the event that a coastal permit for a bridge connecting the road to Te Wero Island allows the bridge to be used for other vehicle traffic not specified in paragraphs (b) or (c) of condition 1 above.

Attachments

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No attachments.

507 Madden Plaza

Designation Number	507
Requiring Authority	Auckland Council
Location	164-188 Madden Street, Auckland Central
Rollover Designation	Yes
Legacy Designation	Designation 375, Auckland Council District Plan (Central Area) 2005
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road and public open space.

Conditions

No conditions.

Attachments

No attachments.

508 Daldy Street Open Space

Designation Number	508
Requiring Authority	Auckland Council
Location	31-79 Daldy Street, Auckland Central
Rollover Designation	Yes
Legacy Designation	Designation 382, Auckland Council District Plan (Central Area) 2005
Lapse Date	Five years from when the Unitary Plan becomes operative unless given effect to prior

Purpose

Public open space.

Conditions

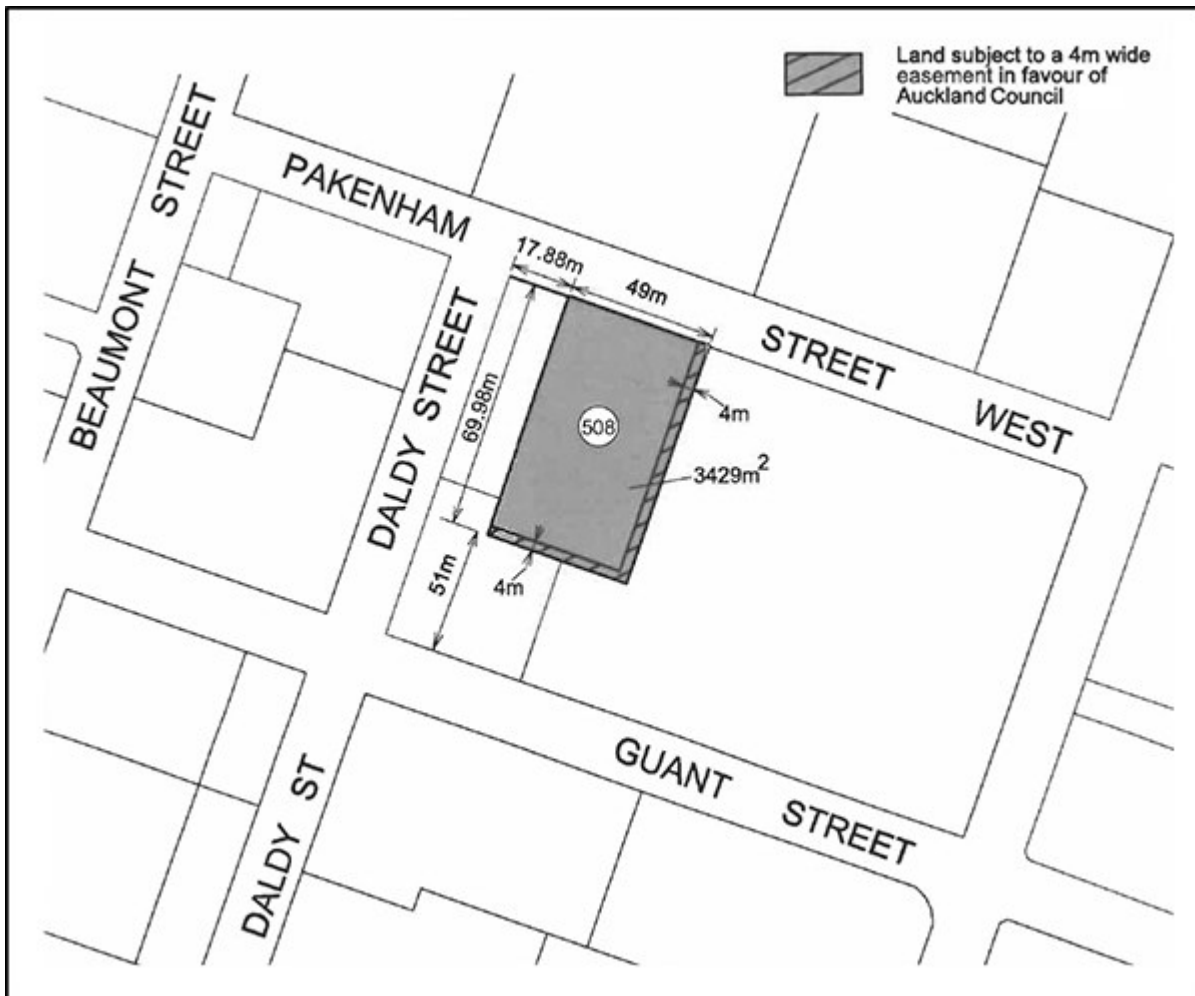
1. With respect to the land shown as 'subject to a 4 metre wide easement in favour of Auckland City Council' on Parts A and B of Proposed Plan Modification No. 25: Notice of Requirement, the designation shall be removed under section 182(4) of the Resource Management Act 1991 upon:

- The completed development of Central Park in Quarter Area 2. The development of the park is intended to take place in conjunction with, or prior to the development of adjacent land, as set out in a Heads of Agreement between Auckland City Council and Viaduct Harbour Holdings Limited dated 30 June 2010; or
 - The date upon which an open space zoning for the Central Park land (inclusive of the land subject to the 4m wide easement) is operative;
- whichever is sooner.

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Attachments

Diagram of Designation 508 - Public Open Space



509 Jellicoe Street Open Space

Designation Number	509
Requiring Authority	Auckland Council
Location	49-63 Jellicoe Street, Auckland Central
Rollover Designation	Yes
Legacy Designation	Designation 389, Auckland Council District Plan (Central Area) 2005
Lapse Date	28 May 2025

Purpose

Public open space.

Conditions

1. At least 20 working days prior to the construction or use of the designated open space area, the written approval of the Manager Planning - Central/Islands shall be obtained for a Site Emergency and Evacuation Plan including measures relating to emergency evacuation from the area should a release of hazardous substances, fire or explosion occur at any of the Sanford, Marstel, Shell, BST or Pacific Terminals facilities. This Plan shall

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be prepared by a suitably experienced person and shall include alarm and notification procedures, egress routes and muster points at a location deemed to be a safe distance from existing hazard sources. The Plan shall be drafted in consultation with the appropriate authorities and the operators of the hazardous facilities.

2. If any archaeological site is exposed during site works then the following procedures shall apply:

- a. Immediately when it becomes apparent that an archaeological site has been exposed, all site works shall cease, except that works may continue to prevent the escape of any contaminants that would result in any further pollution of the environment;
- b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts are untouched; and
- c. The site supervisor shall notify tangata whenua, New Zealand Historic Places Trust, Department of Conservation and the Manager Planning - Central/Islands of Auckland Council that an archaeological site has been exposed, so that appropriate action can be taken. This is to ensure that such persons are given reasonable time as determined by the Council to record the archaeological features, including a photographic record, before work recommences on the site.

3. Artworks are not provided for under this designation and any resource consents required under the Unitary Plan should be obtained.

4. The period within which this designation shall lapse if not given effect to, in accordance with section 184(1) of the Resource Management Act 1991 shall be 15 years from the date on which it is confirmed (i.e 28 May 2025).

Attachments

No attachments.

510 Hamer Street and Jellicoe Street Open Space

Designation Number	510
Requiring Authority	Auckland Council
Location	4 and 12 Hamer Street and 49-63 Jellicoe Street, Auckland Central
Rollover Designation	Yes
Legacy Designation	Designation 385, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public open space and activities and ancillary structures including: recreational activities; water features; coastal edge access; roads, public lanes and walkways; public event spaces; entertainment and gathering (excluding "Events" and "Major Events" as defined below; ancillary retail activities; and the excavation and remediation/removal of any contaminated soil.

Definitions:

1. Events: Temporary and organised activities including but not limited to gatherings, parades, protests, weddings, private functions (independent premises), festivals, film shoots, concerts, celebrations, multi-venue sports events of significant scale, fun runs, marathons, duathlons and triathlons.
2. Major events: A Major event declared as a Major Event in accordance with the provisions of the Major Events Management Act 2007. The duration of the major event shall be limited to the duration of the actual Major Event plus four weeks before the commencement of the event and four weeks after the end of the event.

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Conditions

1. At least 20 working days prior to the construction or use of the designated open space area, the written approval of the Manager Planning - Central/Islands shall be obtained for a Site Emergency and Evacuation Plan including measures relating to emergency evacuation from the area should a release of hazardous substances, fire or explosion occur at any of the Sanford, Marstel, Shell, BST or Pacific Terminals facilities. This Plan shall be prepared by a suitably experienced person and shall include alarm and notification procedures, egress routes and muster points at a location deemed to be a safe distance from existing hazard sources. The Plan shall be drafted in consultation with the appropriate authorities and the operators of the hazardous facilities.
2. If any archaeological site is exposed during site works then the following procedures shall apply:
 - a. Immediately when it becomes apparent that an archaeological site has been exposed, all site works shall cease, except that works may continue to prevent the escape of any contaminants that would result in any further pollution of the environment.
 - b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts are untouched.
 - c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation and the Manager Planning - Central/Islands of the Auckland Council that an archaeological site has been exposed, so that appropriate action can be taken. This is to ensure that such persons are given reasonable time as determined by the Council to record the archaeological features, including a photographic record, before work recommences on the site.
3. Artworks are not provided for under this designation and any resource consents required under the Unitary Plan should be obtained.
4. As part of any outline plan of works process, the requiring authority shall undertake consultation with industrial operators abutting or occupying the designated area to address significant reverse sensitivity issues through the open space design process.
5. The period within which this designation shall lapse if not given effect to, in accordance with Section 184(1) of the Resource Management Act 1991, shall be 15 years from the date on which it is confirmed.

Attachments

No attachments.

511 Fanshawe Street to Pakenham Street West Open Space / Road

Designation Number	511
Requiring Authority	Auckland Council
Location	141-171 Pakenham Street West, 31-79 Daldy Street, 38-58 Gaunt Street and 155-167 Fanshawe Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 371, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public open space / road.

Conditions

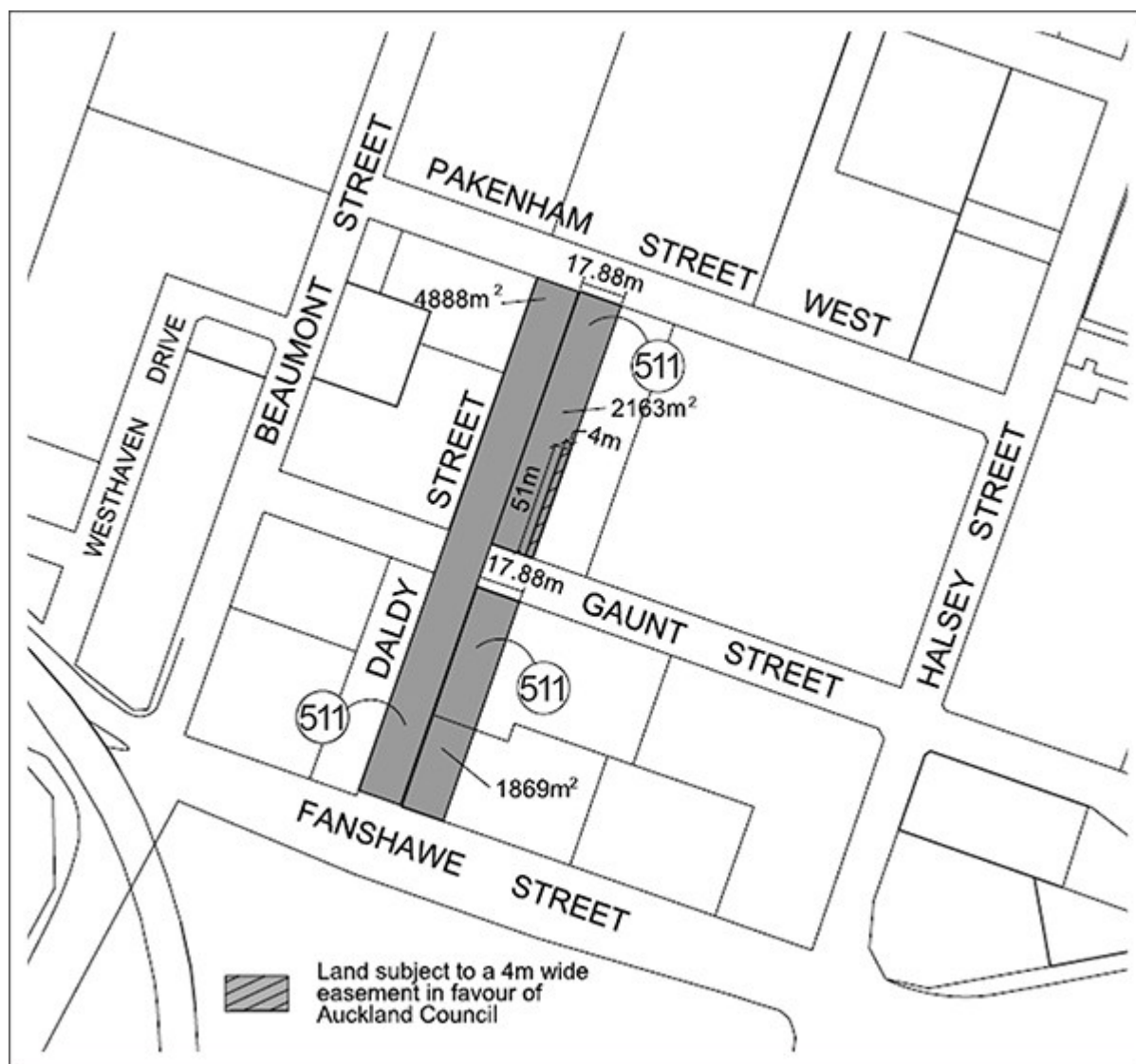
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1. With respect to the land shown as 'subject to a 4 metre wide easement in favour of Auckland City Council' on Parts A and B of Proposed Plan Modification No. 17: Notice of Requirement, the designation shall be removed under section 182(4) of the Act upon:

- The completed development of Linear Park in Quarter Area 2. The development of the park is intended to take place in conjunction with, or prior to the development of adjacent land, as set out in a Heads of Agreement between Auckland City Council and Viaduct Harbour Holdings Limited dated 30 June 2010; or
 - The date upon which an open space zoning for the Linear Park land (inclusive of the land subject to the 4 metre wide easement) is operative;
- whichever is sooner.

Attachments

Diagram of Designation 511 - Public Open Space / Road



512 Pakenham Steet West to Hamer Street Open Space / Road

Designation Number	512
Requiring Authority	Auckland Council
Location	141-171 Pakenham Street West, 37-55 Madden Street and 8-56 Brigham Street, Auckland Central

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Rollover Designation	Yes
Legacy Reference	Designation 388, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public open space / road.

Conditions

1. At least 20 working days prior to the construction or use of the designated open space area, the written approval of the Manager Planning - Central/Islands shall be obtained for a Site Emergency and Evacuation Plan including measures relating to emergency evacuation from the area should a release of hazardous substances, fire or explosion occur at any of the Sanford, Marstel, Shell, BST or Pacific Terminals facilities. This Plan shall be prepared by a suitably experienced person and shall include alarm and notification procedures, egress routes and muster points at a location deemed to be a safe distance from existing hazard sources. The Plan shall be drafted in consultation with the appropriate authorities and the operators of the hazardous facilities.
2. If any archaeological site is exposed during site works then the following procedures shall apply:
 - a. Immediately when it becomes apparent that an archaeological site has been exposed, all site works shall cease, except that works may continue to prevent the escape of any contaminants that would result in any further pollution of the environment.
 - b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts are untouched.
 - c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation and the Manager Planning - Central/Islands of the Auckland Council that an archaeological site has been exposed, so that appropriate action can be taken. This is to ensure that such persons are given reasonable time as determined by the Council to record the archaeological features, including a photographic record, before work recommences on the site.
3. Artworks are not provided for under this designation and any resource consents required under the Unitary Plan.
4. As part of any outline plan of works process, the requiring authority shall undertake consultation with industrial operators abutting or occupying the designated area to address significant reverse sensitivity issues through the open space design process.
5. The period within which this designation shall lapse if not given effect to, in accordance with section 184(1) of the Resource Management Act 1991, shall be 15 years from the date on which it is confirmed.

Attachments

No attachments.

513 St Mary's Road Library and Community Facility

Designation Number	513
Requiring Authority	Auckland Council
Location	20 St Mary's Road, Ponsonby
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Designation	Designation B07-27, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place, an Outline Plan of Works is required.

2. The following shall be submitted with the Outline Plan of Works:

- An assessment of the effects on the historic heritage values of the place; and
- A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Exemptions:

Conditions 1 and 2 do not apply in the following circumstances:

- In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- Where there is a conservation plan or similar plan for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan.

3. An Outline Plan of Works for any works or development shall include an assessment of effects and appropriate mitigation of impacts in relation to the protected titoki tree.

Advice Notes

1. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

2. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

3. The requiring authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to the condition in order to confirm an outline plan is not required.

Attachments

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No attachments.

514 St Mary's Road Local Park

Designation Number	514
Requiring Authority	Auckland Council
Location	84 St Mary's Road, Ponsonby
Rollover Designation	Yes
Legacy Designation	Designation B07-29, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place, an Outline Plan of Works is required.
2. The following shall be submitted with the Outline Plan of Works:
 - a. An assessment of the effects on the historic heritage values of the place; and
 - b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Exemptions:

Conditions 1 and 2 do not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
 - ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
 - iii. Where there is a conservation plan or similar plan for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan.
3. An Outline Plan of Works for any works or development shall include an assessment of effects and appropriate mitigation of impacts in relation to the coastal values of the site.

Advice Notes

1. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.
2. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone,

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charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

3. The requiring authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to the condition in order to confirm an outline plan is not required.

Attachments

No attachments.

515 Selby Square Local Park

Designation Number	515
Requiring Authority	Auckland Council
Location	Selby Square, Seymour Street, St Mary's Bay
Rollover Designation	Yes
Legacy Designation	Designation B07-86, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

516 Tamaki Drive Carpark and Reserve

Designation Number	516
Requiring Authority	Auckland Council
Location	23 Tamaki Drive, Orakei
Rollover Designation	Yes
Legacy Designation	Designation B12-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council carpark and reserve.

Conditions

No conditions.

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Attachments

No attachments.

517 Motions Road Car Park

Designation Number	517
Requiring Authority	Auckland Council
Location	104-134 and 136 Motions Road, Westmere
Rollover Designation	Yes
Legacy Designation	Designation C05-10, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The designation relates to carparking for Auckland Council facilities in the area including Auckland Zoo and MOTAT. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

518 Great North Road Car Park

Designation Number	518
Requiring Authority	Auckland Council
Location	731 Great North Road, Grey Lynn
Rollover Designation	Yes
Legacy Designation	Designation C06-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

This designation relates to car parking on the outer fields of Western Springs. The outer fields provides car parking for activities at Western Springs Stadium and MOTAT. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

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519 Ponsonby Road Community Facility

Reference Number	519
Requiring Authority	Auckland Council
Location	1 Ponsonby Road, Ponsonby
Rollover Designation	Yes
Legacy Designation	Designation C07-29, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place, an Outline Plan of Works is required.
2. The following shall be submitted with the Outline Plan of Works:\
 - a. An assessment of the effects on the historic heritage values of the place; and
 - b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Exemptions:

Conditions 1 and 2 do not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- ii. Where there is a conservation plan or similar plan for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan.

Advice Notes

1. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.
2. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

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3. The requiring authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to the condition in order to confirm an outline plan is not required.

Attachments

No attachments.

520 Community Facility - Hepburn Street

Designation Number	520
Requiring Authority	Auckland Council
Location	52 Hepburn Street, Freemans Bay
Rollover Designation	Yes
Legacy Designation	Designation C07-37, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

521 Huia Road Community Facility

Designation Number	521
Requiring Authority	Auckland Council
Location	18-20 Huia Road, Pt Chevalier
Rollover Designation	Yes
Legacy Designation	Designation D04-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of

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either:

- a. A new notice of requirement, which shall be publicly notified, pursuant to Section 168A of the Resource Management Act; or
- b. A notice to alter the designation, pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

2. Eleven parking spaces shall be provided on the site, with at least three of these available for the community house function. These spaces shall be designed and located to the satisfaction of the Council.

3. Activities in the community house shall cease by 11:00 pm each day from Sunday to Thursday (both inclusive) and by midnight on Fridays and Saturdays.

4. The 1.8m high fence of permanent materials on western boundary of No. 18 and 20 Huia Road and the northern boundary between No. 20 and 22 Huia Road shall be maintained to the satisfaction of the council.

5. The front of the building shall be landscaped to the satisfaction of the council.

6. The provision of parking and landscaping in accordance with the above conditions shall be deemed to fully implement the designation. The designation shall otherwise lapse in 2 years time, subject to any extensions which may be granted in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

522 Grey Lynn Library and Community Facilities

Designation Number	522
Requiring Authority	Auckland Council
Location	474 Great North Road, Grey Lynn
Rollover Designation	Yes
Legacy Designation	Designation D06-10, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place, an Outline Plan of Works is required.

2. The following shall be submitted with the Outline Plan of Works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

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Exemptions:

Conditions 1 and 2 do not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan.

Advice Notes

1. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

2. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

3. The requiring authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to the condition in order to confirm an outline plan is not required.

Attachments

No attachments.

523 Dominion Road Local Park

Designation Number	523
Requiring Authority	Auckland Council
Location	Dominion Road (adjoins railway), Eden Terrace
Rollover Designation	Yes
Legacy Designation	Designation D07- 19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

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524 Tahapa Crescent Community Facility

Designation Number	524
Requiring Authority	Auckland Council
Location	22 Tahapa Crescent, Meadowbank
Rollover Designation	Yes
Legacy Designation	Designation D12-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

525 Kohimarama Road Local Park

Designation Number	525
Requiring Authority	Auckland Council
Location	337 Kohimarama Road, Kohimarama
Rollover Designation	Yes
Legacy Designation	Designation D13-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

An outline plans of works for any works or development shall include an assessment of effects and appropriate mitigation of impacts on the landscape value of the site.

Attachments

No attachments.

526 Crossfield Road Community Facility

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Designation Number	526
Requiring Authority	Auckland Council
Location	83 Crossfield Road, Glendowie
Rollover Designation	Yes
Legacy Designation	Designation D16-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

Development to be in accordance with the following: At least 23 parking spaces shall be provided on site and available for use in conjunction with activities in the community centre.

Attachments

No attachments.

527 Riversdale Road Local and Sports Park

Designation Number	527
Requiring Authority	Auckland Council
Location	93-123 Riversdale Road, Avondale
Rollover Designation	Yes
Legacy Designation	Designation E02-05, Auckland Isthmus District Plan 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local and sports park including esplanade reserves, accessways and walkways. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

528 Riversdale Road Local and Sports Park

Designation Number	528
Requiring Authority	Auckland Council

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Location	93-123 Riversdale Road, Avondale
Rollover Designation	Yes
Legacy Designation	Designation E02-06, Auckland Isthmus District Plan 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local and sports park including esplanade reserves, accessways and walkways. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

529 Heron Park

Designation Number	529
Requiring Authority	Auckland Council
Location	1625-1627 Great North Road, Waterview
Rollover Designation	Yes
Legacy Designation	Designation E03-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. An Outline Plan of Works for any works or development shall include an assessment of effects and appropriate mitigation of impacts in relation to erosion and sediment control.

Attachments

No attachments.

530 Oakley Creek Local Park

Designation Number	530
Requiring Authority	Auckland Council
Location	1628 Great North Road, Waterview
Rollover Designation	Yes

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Legacy Designation	Designation E04-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

531 Trent Street Local Park

Designation Number	531
Requiring Authority	Auckland Council
Location	1 Trent Street, Avondale
Rollover Designation	Yes
Legacy Designation	Designation E04-09, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

532 St Luke's Library

Designation Number	532
Requiring Authority	Auckland Council
Location	82-84 St Luke's Road, Mount Albert
Rollover Designation	Yes
Legacy Designation	Designation E06-07, Auckland Isthmus District Plan 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

533 Local Park - Balmoral Road

Designation Number	533
Requiring Authority	Auckland Council
Location	58-70 Balmoral Road, Mt Eden
Rollover Designation	Yes
Legacy Designation	Designation E08-37, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

534 Epsom Library

Designation Number	534
Requiring Authority	Auckland Council
Location	195-199 Manukau Road, Epsom
Rollover Designation	Yes
Legacy Designation	Designation E09-25, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including

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community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

535 Wilding Avenue Local Park

Designation Number	535
Requiring Authority	Auckland Council
Location	12 Wilding Avenue, Epsom
Rollover Designation	Yes
Legacy Designation	Designation E09-52, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

536 Green Lane West Community Facility

Designation Number	536
Requiring Authority	Auckland Council
Location	174 Green Lane West, Greenlane
Rollover Designation	Yes
Legacy Designation	Designation E10-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

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Conditions

No conditions.

Attachments

No attachments.

537 Remuera Library

Designation Number	537
Requiring Authority	Auckland Council
Location	431-435 Remuera Road, Remuera
Rollover Designation	Yes
Legacy Designation	Designation E11-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place, an Outline Plan of Works is required.
2. The following shall be submitted with the Outline Plan of Works:
 - a. An assessment of the effects on the historic heritage values of the place; and
 - b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Exemptions:

Conditions 1 and 2 do not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan.

Advice Notes

1. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a

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retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

2. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

3. The requiring authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to the condition in order to confirm an outline plan is not required.

Attachments

No attachments.

538 Avondale Library

Designation Number	538
Requiring Authority	Auckland Council
Location	93-99 Rosebank Road, Avondale
Rollover Designation	Yes
Legacy Designation	Designation F03-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. Hours of operation shall be from 6am to 11pm Sunday-Thursday and public holidays, and from 6am to 12 midnight Friday and Saturday.

2. Building works within the building envelope and footprint.

3. Building works outside of the existing building footprint where the building additions meet the following criteria:

- the increase in building footprint is not more than 20m² in area;
- the height of the building addition is less than the existing building and complies with height in relation to boundary and yard controls applicable to external boundaries;
- the addition is finished in materials and/or colours which match the existing building;
- an outline plan has been submitted for the building works where an increase in building footprint is proposed;
- a covered pedestrian walkway between the library and the community centre is provided.

4. That no use of the outdoor space to the north of the community hall and facing the Housing New Zealand owned site at 3-5 Highbury Street, Avondale, shall occur after 10pm, Monday to Sunday.

5. That the noise level arising from any activity on the site must comply with the standards in section 7.8.1.10 of the Auckland Council District Plan (Isthmus Section) 1999.

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6. That the occupancy of the community hall shall not exceed 220 persons.

Attachments

No attachments.

539 Owairaka Avenue Local and Sports Park

Designation Number	539
Requiring Authority	Auckland Council
Location	56-60 Owairaka Avenue, Owairaka
Rollover Designation	Yes
Legacy Designation	Designation F05-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local and sports park including esplanade reserves, accessways and walkways. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

540 May Road Community Facility

Designation Number	540
Requiring Authority	Auckland Council
Location	13 May Road, Mt Roskill
Rollover Designation	Yes
Legacy Designation	Designation F06-06, Auckland Isthmus District Plan 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. At least 51 car parking spaces shall be available for use in conjunction with activities within the centre.

Attachments

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No attachments.

541 Findlay Street Community Facility

Designation Number	541
Requiring Authority	Auckland Council
Location	20 Findlay Street, Ellerslie
Rollover Designation	Yes
Legacy Designation	Designation F11-29, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. An outline plan of works for any works or development shall include an assessment of effects and appropriate mitigation of impacts in relation to the heritage character of the site.

Attachments

No attachments.

542 Works Depot - Mountain Road

Designation Number	542
Requiring Authority	Auckland Council
Location	36 Mountain Road, Mt Wellington
Rollover Designation	Yes
Legacy Designation	Designation F14-20, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council works depot.

Conditions

No conditions.

Attachments

No attachments.

543 Mt Wellington Highway Community Facility

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Designation Number	543
Requiring Authority	Auckland Council
Location	139 Mount Wellington Highway, Mount Wellington
Rollover Designation	Yes
Legacy Designation	Designation F14-23, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

544 Dunkirk Road Community Facility

Designation Number	544
Requiring Authority	Auckland Council
Location	14-50 Dunkirk Road, Panmure
Rollover Designation	Yes
Legacy Designation	Designation F15-43, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

545 Wolverton Street Local Park

Designation Number	545
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Requiring Authority	Auckland Council
Location	77 Wolverton Street, Avondale
Rollover Designation	Yes
Legacy Designation	Designation G03-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

546 Wolverton Street Local Park

Designation Number	546
Requiring Authority	Auckland Council
Location	80R-80S Wolverton Street, Avondale
Rollover Designation	Yes
Legacy Designation	Designation G03-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local park including esplanade reserves, accessways and walkways. Works include parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

547 Mount Smart Sports and Entertainment Centre

Designation Number	547
Requiring Authority	Auckland Council
Location	2 Beasley Avenue, Penrose

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Rollover Designation	Yes
Legacy Designation	Designation G11-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Mt Smart Stadium is used as a multi-purpose facility for entertainment and sporting events, community events and informal recreation.

Conditions

No conditions.

Attachments

No attachments.

548 Fergusson Domain Community Facility

Designation Number	548
Requiring Authority	Auckland Council
Location	5 Olea Road, Onehunga
Rollover Designation	Yes
Legacy Designation	Designation G11-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. An outline plan of works for any works or development should include (inter alia) an assessment of effects and associated mitigation of impacts in relation to parking demand.
2. Future development proposals should include (inter alia) an assessment of the parking demand generated by the centre and how this can be provided for.

Attachments

No attachments.

549 Mt Wellington Highway Car Park

Designation Number	549
Requiring Authority	Auckland Council

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Location	Mount Wellington Highway (Lot 1 DP 103286), Mount Wellington
Rollover Designation	Yes
Legacy Designation	Designation G13-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Description

Council carpark.

Conditions

No conditions.

Attachments

No attachments.

550 Blockhouse Bay Library

Designation Number	550
Requiring Authority	Auckland Council
Location	578 Blockhouse Bay Road, Blockhouse Bay
Rollover Designation	Yes
Legacy Designation	Designation H04-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes

Conditions

1. The maximum height shall be 9m.
2. The front yard shall be an average of not less than 2m.
3. Landscaping shall be provided and maintained in such a manner to create and preserve a good standard of visual amenity.
4. An outline plan of works for any works or development shall include an assessment of effects and appropriate mitigation of impacts in relation to erosion and sediment control.

Attachments

No attachments.

551 Captain Springs Road Local and Sports Park

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Designation Number	551
Requiring Authority	Auckland Council
Location	60 Captain Springs Road, Te Papapa
Rollover Designation	Yes
Legacy Designation	Designation H11-24, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local and sports park including esplanade reserves, accessways and walkways. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

Conditions

1. That the term for implementation of this designation be 10 years from 2 November 2007, in accordance with Section 184A(2) of the Resource Management Act.
2. That any development of the site is subject to the following development controls (with the exception of lighting poles and associated fixtures):
 - a. The maximum permitted building height, as measured from finished ground level following earthworks to create suitable sports fields and open space, is 10m;
 - b. The maximum building coverage is 15%; and
 - c. All buildings shall be set back 6m from the southern boundary of the site. With the exception of retaining walls and fences specifically for the purpose of preventing balls straying beyond play and minimising conflict with other uses, all buildings shall be set back 6m from the western and eastern boundaries of the site. Where the site adjoins land to the north zoned [insert new name for this Open Space 3 Zone site in the Unitary Plan], there is no yard requirement.
4. The maximum height of any lighting poles and associated fixtures shall not exceed a height of 20m, as measured from the finished ground following earthworks to create suitable sports fields.
5. All buildings and structures shall be set back by a horizontal distance of at least 12m from the centreline of the Henderson - Otahuhu A high voltage transmission line.
6. With the exception of lighting poles and associated fixtures, any buildings or parking areas that are visible from the adjoining land zoned [insert new names for this Open Space 4 and Open Space 2 Zone sites in the Unitary Plan] shall be appropriately landscaped, consistent with ensuring safety to pedestrians and other users, by adopting Crime Prevention Through Environmental Design (CPTED) principles.
7. All activities shall comply with the separation distances specified in NZECP 34:2001. (Note: this applies to the 220kV Transpower line).
8. The use of artificial light producing an illuminance in excess of 150 lux measured at any point on the site in a horizontal or vertical plan at ground level shall not be permitted to extend beyond 10pm during weekdays and Saturday and up to 9pm on Sunday and public holidays.
9. No activity shall be permitted to create any noise with results in the following standards being exceeded – the L10 noise level and maximum level (Lmax) arising from any activity measured at or within the boundary of any residentially zoned property shall not exceed the following limits:

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Monday to Saturday 7.00am-10.00pm	L10 55dBA
Sunday & Public Holidays 9.00am-6.00pm	L10 55dBA
At all other times	L ¹⁰ 40dBA L _{max} 75 dBA, or background (L95) plus 30dBA, whichever is the lower

Crowd noise shall not be included in any assessment of noise levels. The above noise levels shall be measured and assessed in accordance with the requirements of the NZS 6081: 1991 "Measurement of Sound" and NZS 6802:1991 "Assessment of Environmental Sound".

10. Prior to use of the site as sports fields the following shall have been implemented:

- a. The extension of the adjacent car park at Waikaraka Park to provide one hundred (100) additional car parking spaces (including 3 mobility impaired spaces) shall be completed to Council's satisfaction, and secure parking for bicycles shall also be provided;
- b. A footpath, designed and constructed in accordance with Council standards, shall be provided along the western side of Captain Springs Road, from the intersection with Neilson Street to the southern side of the vehicle entrance to the car parking area;
- c. A pedestrian path, with a minimum width of 1.5m, shall be provided along the full length of the southern side of the vehicle access to the car parking area on Waikaraka Park; and
- d. Access for pedestrians, including those in wheelchairs, shall be provided to the sports fields, and linking to the coastal walk and cycleway.

11. That the following be submitted as part of the Outline Plan of Works prior to the construction of the sports fields:

- a. Details of the form of the sports fields, including whether artificial surfaces or other such methods are proposed to improve access to facilities.
- b. Assessment of safety issues, including Crime Prevention Through Environmental Design and CCTV cameras if required.
- c. A full earthworks methodology, showing cut to fill balance and existing and proposed finished contours, retaining walls, and batter slope gradient. This methodology shall include details of suitable sediment control measures to be used to ensure that all stormwater run off from the site is managed and controlled to ensure that no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channels or soakage systems in accordance with the Council's sediment control policy.
- d. A report from a Chartered Professional Structural or Geotechnical Engineer confirming that all buildings, retaining walls and batter slopes can be safely constructed and if required, indicating any measures to be taken to mitigate the effects of soil instability on the proposed use and beyond the site. Light framed structures and buildings are preferred but alternative design methods will be accepted if satisfactory evidence is provided to ensure that there will be no danger to the structure, its occupants or surrounding properties caused by subsoil decomposition;
- e. A Site Management Plan including the following:
 - i. specific details relating to the construction and management of all works associated with this development, and including if relevant:
 - Hours of earthworks and construction;
 - Details of the site manager, including their contact details (phone, facsimile, postal address). A telephone number for after hours emergencies shall also be supplied.

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- The location of a large notice board on the land that clearly identifies the name, telephone number and address for service of the site manager;
 - The address to which the work relates;
 - Any means, such as a restriction on the size of construction vehicles and machinery accessing the land, required to ensure that no damage occurs to trees on land, remainder of the site or adjacent to the site, throughout the construction period;
 - Any means of protection of services such as pipes and water mains within the legal road;
 - Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
 - Location of workers conveniences (e.g. portaloos);
- ii. detailed procedures to control the on-site or off-site impacts of the following matters during the proposed works:
- Dust; which must be controlled according to the Good Practice Guide for assessing and managing the environmental effects of Dust Emissions, Ministry for the Environment 2001;
 - Landfill gas encountered during the proposed works;
 - Refuse or contaminated material;
 - Suspended sediment or leachate run-off;
- iii. (Contingency Plan) detailing the procedures to deal with any potential adverse health or environmental impacts in the event of encountering landfill gas, leachate, or hazardous material (notably asbestos) during the proposed works; and
- iv. (Health and Safety Plan) providing details of how the effects of the contaminated material will be minimised, including for the workers involved in the site development and on-going maintenance. The plan must be in accordance with the Cleanup of Contaminated Sites, Occupational Safety & Health Service, Department of Labour, 1994.
- f. A contamination report detailing how the activity complies with council guidelines "Tier 1 Soil Screening Criteria - human health". This report shall include details of the investigations to be undertaken in accordance with the "Contaminated Land Management Guidelines No). 5 Site Investigation and Analysis of Soils", MFE 2003.
- g. A methodology for works in close proximity to the Henderson - Otahuhu A high voltage transmission line. This shall include measures to ensure compliance with the New Zealand Electrical Code of Practice (NZECP) 34:2001, including but not limited to the following:
- i. In accordance with NZECP 34:2001, Section 2, in the case of any tower supporting any conductor, no person shall excavate or otherwise interfere with any land:
- At a depth greater than 300mm within 6m of the outer edge of the visible foundations of the tower; or
 - At a depth greater than 3m, between 5m and 12m of the outer edge of the visible foundation of the tower; or
 - In such a way as to create an unstable batter;
- ii. Excavated or other material shall not be deposited under or near the Henderson - Otahuhu A high voltage transmission line so as to reduce the vertical distance from the ground to the conductors to a distance less than:
- 7.5m vertically, across or along roads or driveways or on any other land traversable by vehicles;
 - 6.0m vertically, on any land not traversable by vehicles due to inaccessibility; and
 - 4.5m in any distance other than vertical on all land;
- iii. All machinery and mobile plant operated on proposed site shall maintain a minimum clearance distance of 4m from the Henderson - Otahuhu A line conductors at all times; and
- iv. The approved management plan shall be implemented and maintained throughout the entire period of works.
- h. Details of the provision made to protect existing and proposed structures, pipework, infrastructure and other site works from any effects caused by the escape of methane gas resulting from the decomposition of fill.

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i. A Lighting Plan prepared by a recognised lighting specialist and shall include details of the design and compliance with AS 2560.2.3 Sports Lighting for Football (All Codes), the Auckland Council Environmental Protection Bylaw (2008), Clause 13.5.4, regarding glare at the boundary and to ensure that the spill light does not exceed 79 lux at the Eastern Boundary and 10 lux at all other boundaries. The Lighting Plan shall include details of the luminaires, which shall be of modern design with zero upward wasted light output and zero tilt to limit glare and cut off, particularly to any of the residential properties to the south of the site across the adjacent bay and shall demonstrate that the requirements of AS 4282 Table 2.2 are satisfied to fully comply with the Auckland Council Environmental Protection Bylaw (2008), Clause 13.5.4, in respect to glare.

j. A Landscape Plan shall be prepared and shall ensure that visual links between the Notice of Requirement area, the Manukau Harbour, and the existing Waikaraka Park are maintained while also being consistent with ensuring safety to pedestrians and other users through appropriate use of Crime Prevention Through Environmental Design (CPTED) principles. It shall show as a minimum, where planting will be retained, transplanted trees, trees for removal, mitigation planting for the loss of any generally protected trees. This plan shall include:

- i. Any planting to mitigate increases in ground level;
- ii. Details of the plant species and sizes, all of which shall be locally sourced and coastal tolerant;
- iii. Details of the depth of planting required and the estimated depth of roots, once fully grown. Unless information confirms the depth of the fill on site allows deeper rooting plants, to prevent potential contamination effects, all plants shall be shallow rooting, not extending beyond a depth of 1m when fully grown;
- iv. Confirmation that the location of any trees shall not conflict with the Electricity (Hazards from Trees) Regulations 2003 and any tall growing trees/vegetation (exceeding a mature height of 1m) are located at least 12m away from the centre line of the Henderson - Otahuhu high voltage transmission line; and
- v. Details of how the proposed landscaping of the site has considered the historic heritage of Waikaraka Park and its location adjacent to the Manukau Harbour, through an information plaque or other means to ensure information is publicly available on the site's history.

Attachments

No attachments.

552 Mason Avenue Community Facility

Designation Number	552
Requiring Authority	Auckland Council
Location	28-34 Mason Avenue, Otahuhu
Rollover Designation	Yes
Legacy Designation	Designation I14-39, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Community facility - for community recreation and gathering, and formal and informal learning including community centres, halls, libraries, child care and markets. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes. This designation shall also provide for formal and informal outdoor recreation.

Conditions

General

1. Outline plans may be submitted in stages to reflect any proposed staging of the works.

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2. Any land taken or held for works shall be maintained to a reasonable standard until physical works commence.
3. That the period within which this designation shall lapse if not given effect to will be 15 years from November 2003.

Construction

4. A construction management plan shall be provided prior to the commencement of each stage of construction. The construction management plan shall include specific details relating to avoiding, remedying or mitigating adverse effects on the environment of the earthworks, construction and management of all works associated with this development as follows:
- a. Details of the site manager, including their contact details (phone, fax, postal address);
 - b. The location of a large noticeboard on the site that clearly identifies the name, telephone number and address for service of the site manager;
 - c. Measures to be adopted to maintain the site in a tidy condition in terms of disposal / storage of rubbish, storage and unloading of building materials and similar construction activities;
 - d. Ingress and egress to and from the site for vehicles and construction machinery during the site works period;
 - e. Proposed location of any wheel-wash facilities; and
 - f. Proposed numbers and timing of truck movements throughout the day and the proposed routes.

The above details shall be shown on a site plan and supporting documentation as appropriate. The approved construction management plan shall be implemented and maintained throughout the entire construction period.

5. During construction NZS 6803:1999 Acoustics – Construction noise shall be complied with. The noise limits of Table 2 of NZS 6803:1999 shall apply.
6. The hours of work during construction shall be limited to:

Weekdays	7.00am to 6.00pm
Saturdays	8.00am to 5.00pm
Sundays and public holidays	No work

Sediment and Stormwater Control

7. The requiring authority shall implement suitable sediment control measures during all earthworks and after construction to ensure that all stormwater run off from the site is managed and controlled to ensure that, in so far as it is practicable no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channels or soakage systems in accordance with Annexure 14 of the Plan 'Guidelines for sediment control'. In the event that material is deposited on the street, the requiring authority shall take immediate action to clean the street.

Landscaping and Trees

8. The following trees shall not be cut, damaged, altered, injured, destroyed or partly destroyed other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991:
- a. Indigenous trees (including the roots) over 6m in height or with a girth (measured at 1.4m above the ground) greater than 600mm; and
 - b. Exotic trees (including the roots) over 8m in height or with a girth (measured at 1.4m above the ground) greater than 800mm;
- In the case of a tree with multiple trunks (such as pohutukawa) the girth measurement shall be the aggregate or collective measurement of all trunks which have a circumference of 250mm or more. Provided that regular minor trimming or maintenance effected by hand operated secateurs or pruning shears, may be undertaken in

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accordance with accepted arboricultural practice, and that removal or trimming required to safeguard life and property is permitted without an outline plan.

9. A detailed landscape plan, including an implementation and maintenance programme, shall be submitted with the outline plan. The plan shall include details of plant sizes at the time of planting and intended species.

10. The landscaping shall comply with the guidelines for planting set out in the Otahuhu centre's mainstreet plan.

11. The landscaping shall be implemented in accordance with the landscaping plan within the first planting season following completion of the construction works and shall be maintained thereafter.

Noise (excluding construction noise)

12. The noise from activities within the site shall not exceed the following levels when measured at or within the boundary of any residential zoned property adjoining the designated land:

Monday to Saturday 7.00am-10.00pm	L10 55 dBA
Sundays and public holidays 9.00am-6.00pm	L10 55 dBA
At all other times	L10 40 dBA L _{max} 75 dBA or background (L95) plus 30 dBA, whichever is the lower

The noise levels shall be measured and assessed in accordance with NZS 6801:1991 Measurement of Sound and NZS 6802:1991 Assessment of Environmental Sound.

13. At the time an outline plan is submitted for building on the site, the requiring authority shall provide certification from an experienced acoustical consultant confirming that the design and materials to be used for the building(s) are such that the noise levels set out in 5.1 above can be complied with.

14. The requiring authority shall construct 2m high solid acoustic fence or wall along the southern and western boundaries of the site where it adjoins residential zoned properties on Hall Avenue and Nikau Road. Details of the fence or wall shall be provided in with the first outline plan submitted for the site. The fence shall be constructed before the commencement of the use of buildings on the site.

Bulk and Location Controls

15. Building development shall comply with the following bulk and location requirements:

a. Maximum height 10m.

Except that the recreation and youth centre can be built to a maximum height of 11m in accordance with the following drawings by the Architecture Office:

- i. 'New Otahuhu recreation centre', preliminary elevations, job no. 04-042, drawing no. SK002 Rev 2 dated 19-11-04
- ii. 'New Otahuhu recreation centre', preliminary site layout, job no. 04-042, drawing no. SK001 Rev 1 dated 4-11-04

Attachments

No attachments.

553 Pikes Point Transfer Station

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Designation Number	553
Requiring Authority	Auckland Council
Location	81 Captain Springs Road, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H11-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Refuse processing centre.

Conditions

1. All new activities, works and buildings not in conformity with the notice of requirement or not otherwise provided for by the zone provisions of the Unitary Plan shall be the subject of either:

- a. A new notice of requirement, which shall be publicly notified, pursuant to Section 168 of the Resource Management Act; or
- b. A notice to alter the designation, pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of Section 181(3) of the Act.

2. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by section 78 of the Local Government (Auckland Transitional Provisions) Act 2010.

Attachments

No attachments.

554 Daldy Street

Designation Number	1570
Requiring Authority	Auckland Council
Location	Daldy Street from Pakenham Street West to Madden Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 372, Auckland City Council District Plan (Central Area Section) 2005
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Description

Road.

Conditions

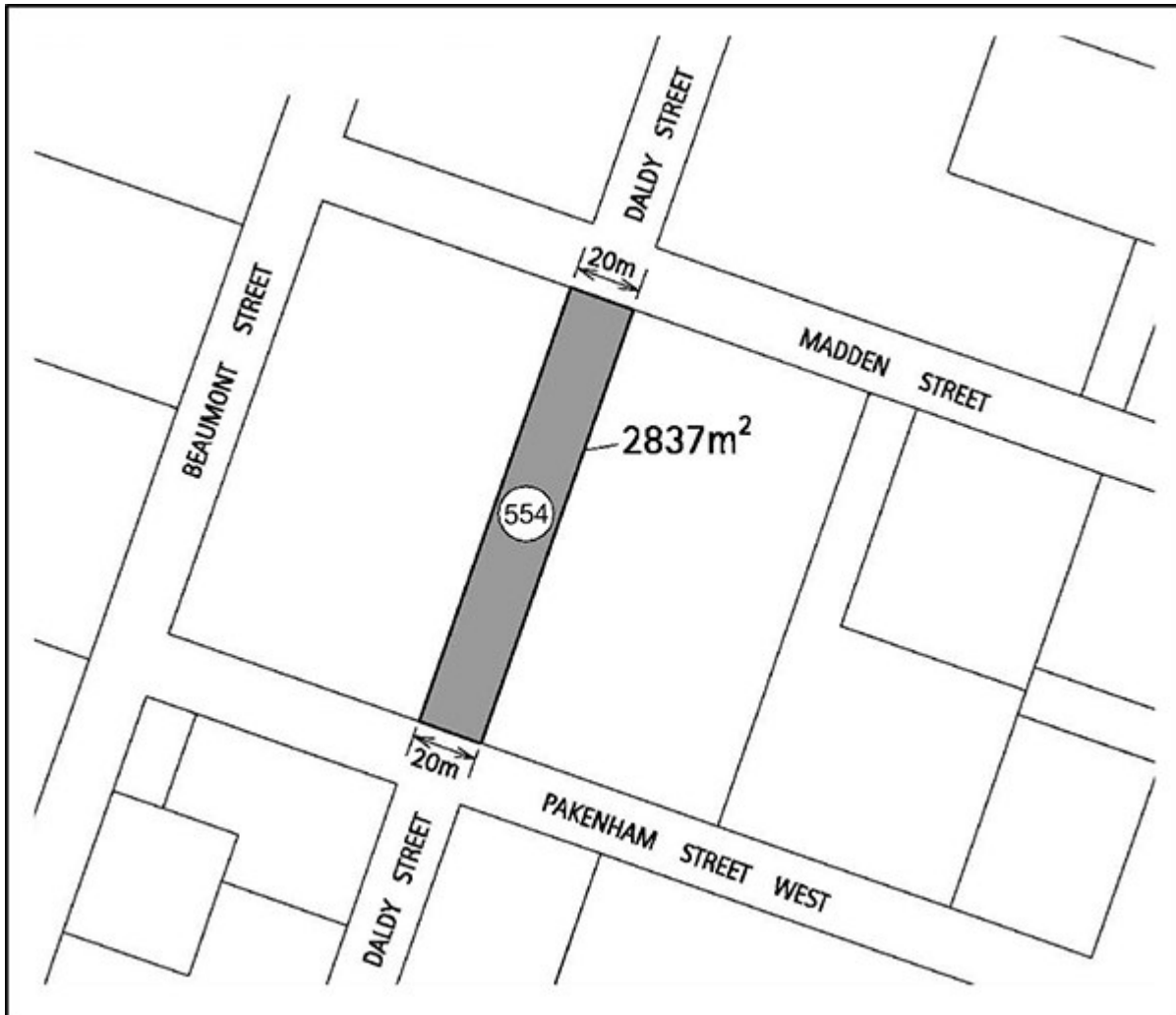
1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 15 (fifteen) years after the date on which it is included in the Unitary Plan unless:

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- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

Diagram of Designation 554 - Road



555 Jellicoe Street

Designation Number	555
Requiring Authority	Auckland Council
Location	West end of Jellicoe Street, Wynyard Quarter
Rollover Designation	Yes
Legacy Reference	Designation 386, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Description

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Road.

Conditions

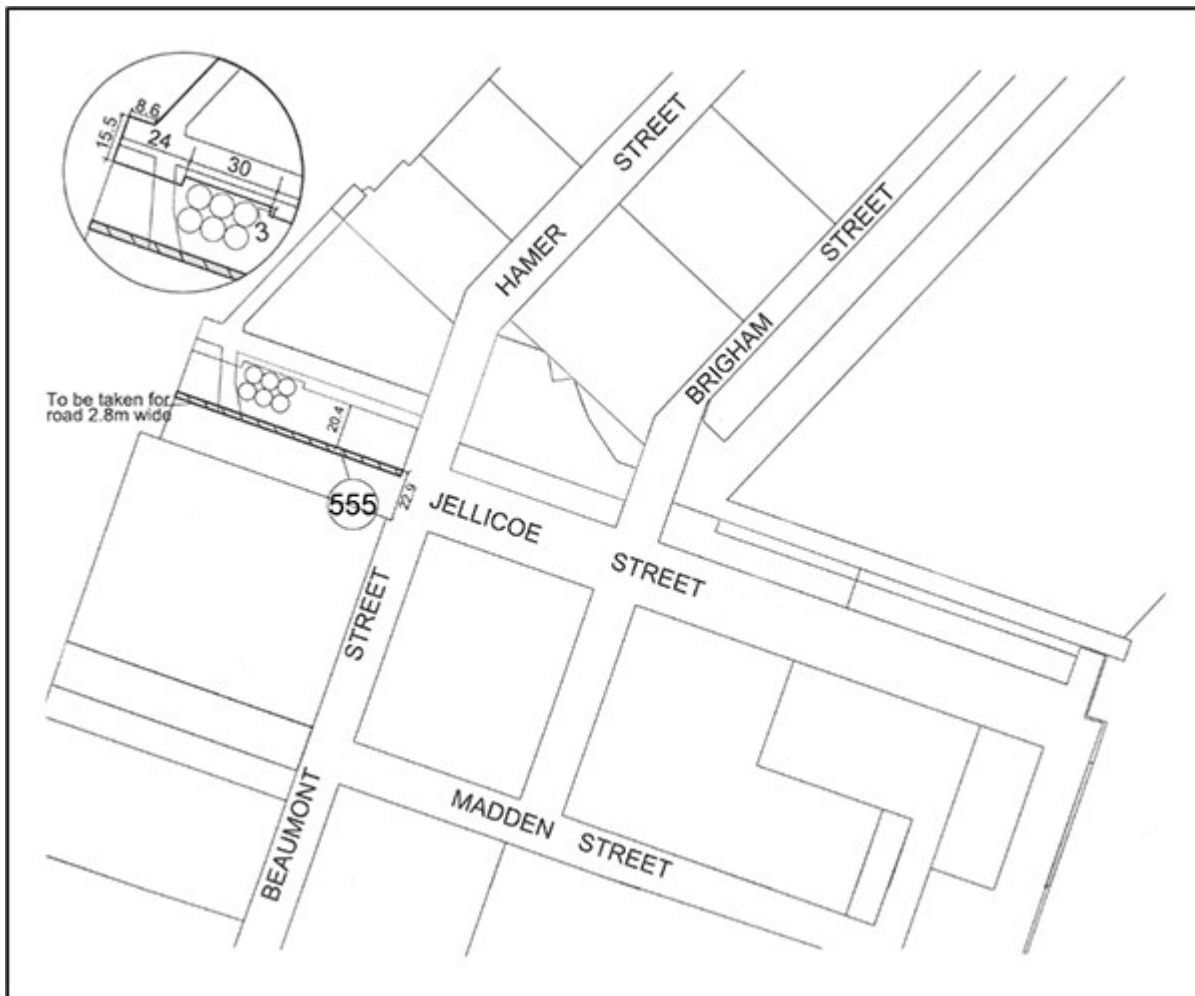
1. If any archaeological site is exposed during site works then the following procedures shall apply:
 - a. Immediately when it becomes apparent that an archaeological site has been exposed, all site works shall cease, except that works may continue to prevent the escape of any contaminants that would result in any further pollution of the environment; and
 - b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts are untouched.

The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation and the Manager Planning of the council that an archaeological site has been exposed, so that appropriate action can be taken. This is to ensure that such persons are given reasonable time as determined by the Council to record the archaeological features, including a photographic record, before work recommences on the site.

2. The period within which this designation shall lapse if not given effect to in accordance with section 184 of the Resource Management Act 1991 shall be 15 years from the date on which it is confirmed.

Attachments

Diagram of Designation 555 - Road



South

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Designation Schedule - Auckland Council (3/3)

South

Number	Purpose	Location
600	Regional park ...	265 Kawakawa Bay Coast Road, Clevedon
601	Regional park ...	Moumoukai Road, Hunua
602	Regional park ...	100 Hill Road, Manurewa
603	Regional park ...	44R Maraetai Road, Maraetai
604	Regional park ...	95 Deerys Road, Orere Point
605	Regional park ...	933R North Road, Clevedon
606	Local and sports park ...	14 Miami Street, Mangere East
607	Cemetery and crematorium	361 Puhinui Road, Papatoetoe
608	Regional park ...	1168 Clevedon-Kawakawa Road, Clevedon
609	Regional park ...	66 Wellesley Road, Mangere Bridge
610	Cemetery	431 Puhinui Road, Papatoetoe
611	Greenmount Landfill ...	1 Harris Road, East Tamaki
612	Whitford Landfill ...	373 Whitford-Maraetai Road, Whitford
613	Stormwater Management Area ...	128 Ormiston Road, Flat Bush
614	Rubbish dump	109 and 151 Hunua Road, Drury
615	Rubbish dump	109 Hunua Road, Drury
616	Regional park ...	216 Brook Road, Waiuku
617	Stock pound	Buckland Road (Lot 1 DP 55095), Buckland
618	Fire station	460 Clarks Beach Road, Pukekohe
619	Depot and transfer station	5 Hosking Place, Waiuku
620	Whitford Quarry ...	401 Trig Road, Whitford
621	Depot	2R Bells Road, Pakuranga
622	Construction, operation and maintenance of a stormwater pond ...	2 Popes Road and 22 Popes Road, Takanini

600 Tawhitokino Regional Park

Designation Number	600
Requiring Authority	Auckland Council
Location	265 Kawakawa Bay Coast Road, Clevedon
Rollover Designation	Yes
Legacy Designation	Designation 188, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor

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infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards

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Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest
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Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

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Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

601 Hunua Ranges Regional Park

Designation Number	601
Requiring Authority	Auckland Council
Location	Moumoukai Road, Hunua
Rollover Designation	Yes
Legacy Designation	Designation 189, Auckland Council District Plan (Manukau Section) 2002; Designation 192, Auckland Council District Plan (Manukau Section) 2002; and Designation 100, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

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Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards

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Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest
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Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

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Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

602 Regional Botanic Gardens

Designation Number	602
Requiring Authority	Auckland Council
Location	100 Hill Road, Manurewa
Rollover Designation	Yes
Legacy Designation	Designation 190, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Auckland Botanic Gardens - to create and maintain gardens, buildings, structures and visitor services for the propagation, display, conservation, education and research of plants, and to facilitate the development of trails and visitor infrastructure for informal outdoor recreation activities, education and events. Works include operation, upgrade and maintenance associated with the aforementioned activities.

Conditions

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General

1. Any works are to be undertaken in accordance with either the approved Auckland Botanic Gardens 2001 or any subsequent management plan.
2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).
3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ol style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ol style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

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Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved management plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists;
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded

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archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Auckland Botanic Gardens Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan.

Attachments

No attachments.

603 Omana Regional Park

Designation Number	603
Requiring Authority	Auckland Council
Location	44R Maraetai Drive, Maraetai
Rollover Designation	Yes
Legacy Designation	Designation 191, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure	Nature of works
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Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services Maintenance, repairs and minor alterations to buildings, structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

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- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

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4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

604 Tapapakanga Regional Park

Designation Number	604
Requiring Authority	Auckland Council
Location	95 Deerys Road, Orere Point
Rollover Designation	Yes
Legacy Designation	Designation 193, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track

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Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

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Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-subsurface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

605 Duder Regional Park

Designation Number	605
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Requiring Authority	Auckland Council
Location	933R North Road, Clevedon
Rollover Designation	Yes
Legacy Designation	Designation 270, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

- Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.
- Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).
- The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ol style="list-style-type: none"> Water Tables and track drainage Track surfaces Track structures Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons

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Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations.

The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;

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- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

606 Miami Street Local and Sports Park

Designation Number	606
Requiring Authority	Auckland Council
Location	14 Miami Street, Mangere East
Rollover Designation	Yes
Legacy Designation	Designation 203, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Local and sports park including esplanade reserves, accessways and walkways. Works include buildings, parking, operation, maintenance and upgrade of land for the aforementioned purposes.

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Conditions

No conditions.

Attachments

No attachments.

607 Manukau Memorial Gardens

Designation Number	607
Requiring Authority	Auckland Council
Location	361 Puhinui Road, Papatoetoe
Rollover Designation	Yes
Legacy Designation	Designation 222, Auckland Council District Plan (Manukau Section) 2002; Designation 222A, Auckland Council District Plan (Manukau Section) 2002; and Designation 223, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Cemetery and crematorium.

Conditions

Outline Plan of Works

1. Before any works, including new buildings, are undertaken an Outline Plan of Works shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 1, from requiring an outline plan of works. The Outline Plan of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan of Works.

Exemptions:

2. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of cemetery infrastructure		Nature of works
Burials	The construction of works associated with interments, including ornamental gardens.	Structures, such as burial plots, berms, headstones and mausoleums.

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Paths and tracks	Construction and maintenance of paths and tracks in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of paths and tracks up to 2.5 metres in width, including the construction of structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing paths and tracks involving: <ul style="list-style-type: none"> i. Water tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of native vegetation up to 1 metre from the edge of the track.
Minor buildings, structures and utility services, including drainage systems	Construction and maintenance of minor buildings and structures and utility services	The construction of utility services and minor structures, such as notice boards, information kiosks, signs, outdoor seating, entrance gates, shade shelters, pavilions and toilet blocks.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of native vegetation up to 1 metre from the edge of the car park or road, or within the car park for safety reasons
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Cemetery Management Plan

3. Cultural / Heritage / Archaeological

Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for the purpose of a cemetery but is to conserve and protect the recognised natural, cultural and historic values that significantly contribute to the cemetery setting.

This condition (Condition 2) will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

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Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 2 in order to confirm an outline plan is not required.
2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.
3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.
4. The Cemetery Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a cemetery.

Attachments

No attachments.

608 Regional Parkland at Waitawa

Designation Number	608
Requiring Authority	Auckland Council
Location	1168 Clevedon-Kawakawa Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 312, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.
2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

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3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

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For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of

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the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

R609 Ambury Regional Park

Designation Number	R609
Requiring Authority	Auckland Council
Location	66 Wellesley Road, Mangere Bridge
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.

2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure	Nature of works
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Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services Maintenance, repairs and minor alterations to buildings, structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m ² in area.
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

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- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

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4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

610 Manukau Memorial Gardens

Designation Number	610
Requiring Authority	Auckland Council
Location	431 Puhinui Road, Papatoetoe
Rollover Designation	Yes
Legacy Designation	Designation 222B, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Five years from being operative in the Draft Unitary Plan unless given effect to prior

Purpose

Cemetery (extension B).

Conditions

Outline Plan of Works

1. Before any works, including new buildings, are undertaken an Outline Plan of Works shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under Condition 1, from requiring an outline plan of works. The Outline Plan of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan of Works.

Exemptions

2. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of cemetery infrastructure		Nature of works
Burials	The construction of works associated with interments, including ornamental gardens.	Structures, such as burial plots, berms, headstones and mausoleums.

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Paths and tracks	Construction and maintenance of paths and tracks in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of paths and tracks up to 2.5 metres in width, including the construction of structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing paths and tracks involving: <ul style="list-style-type: none"> i. Water tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of native vegetation up to 1 metre from the edge of the track.
Minor buildings, structures and utility services, including drainage systems	<div>Construction and maintenance of minor buildings and structures and utility services</div> <div>Maintenance, repairs and minor alterations to buildings, structures and utility services</div>	The construction of utility services and minor structures, such as notice boards, information kiosks, signs, outdoor seating, entrance gates, shade shelters, pavilions and toilet blocks.
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of native vegetation up to 1 metre from the edge of the car park or road, or within the car park for safety reasons
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Cemetery Management Plan

3. Cultural / Heritage / Archaeological

Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

- a. An assessment of the effects on the historic heritage values of the place; and
- b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for the purpose of a cemetery but is to conserve and protect the recognised natural, cultural and historic values that significantly contribute to the cemetery setting.

This condition (Condition 2) will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

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Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 2 in order to confirm an outline plan is not required.
2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT be advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.
3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.
4. The Cemetery Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a cemetery.

Attachments

No attachments.

611 Greenmount Refuse Disposal

Designation Number	611
Requiring Authority	Auckland Council
Location	1 Harris Road, East Tamaki
Rollover Designation	Yes
Legacy Reference	Designation 195, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The Greenmount Landfill is designated as Interim Regional Refuse Disposal Landfill for the purposes of and in relation to refuse disposal.

The list of activities which are provided for by the designation are the following:

- Refuse landfill;
- Receipt, storage and disposal of refuse;
- Collection, disposal and power generation from landfill gas;
- Reception and weighbridge facilities;
- Stormwater control;
- Leachate control;
- Ancillary buildings and structures; and
- Other activities ancillary to the above activities and the operation of a refuse landfill.

Explanation:

For some eight years commencing in 1960 the Manukau City Council itself used part of the quarried area for

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refuse disposal. In 1980 the site opened as a regional refuse disposal landfill as a means of backfilling the quarried area. The site was designated for this purpose at the requirement of the Auckland Regional Authority.

A large portion of the land is the subject of a bequest, under the will of the late Mrs SJ Lushington, to the territorial authority in whose district the land is situated, upon trust for public recreation purposes. Reflecting this bequest, the site has the underlying zoning of Public Open Space. Prior to its end use as a recreation area, the landfill continues to be used for refuse disposal purposes.

The site is well located for the purposes of refuse disposal on a regional basis and in 1985 the Regional Authority served a further requirement to extend the quarrying and landfill operation onto an adjoining site (Lot 2 DP 81107).

In 1992 Northern Disposal Systems Ltd (NDS) took over responsibility for the Greenmount refuse disposal operations from the former Auckland Regional Council. NDS is a Local Authority Trading Enterprise (LATE) established under the Auckland Regional Services Trust (ARST). NDS has subsequently purchased the Stevensons Quarry land and this is to be passed to Auckland Council for recreation uses at the completion of land filling along with the Lushington Estate.

The Auckland Council retains the power to designate for Northern Disposal Systems' facilities. In 1995 the former Auckland Regional Council requested that the existing designation for the whole site be carried over into the reviewed Manukau City District Plan. Northern Disposal Systems has been granted a land use consent to carry on land filling until the year 2003. The Greenmount refuse disposal operation is to be managed in accordance with the resource consents obtained in respect of this site and the associated consent conditions.

The Greenmount refuse disposal operation is primarily a land filling operation. A gas collection system and gas fired power station are components of that operation.

Greenmount is designed as a co-disposal sanitary landfill for the disposal of domestic and special wastes.

Conditions

A. General

- i. That any new development or redevelopment within the designation complies with the performance standards set out within this condition. Developments and redevelopments within the designation which comply with the Performance Standards within this condition shall be a Permitted Activity.
- ii. Any developments or redevelopments which do not comply with any of the performance standards contained within this condition, shall require a Restricted Discretionary resource consent. When making its decision regarding the application for Restricted Discretionary resource consent, the Council shall restrict the exercise of its discretion to matters specified in Chapter 8 of the Auckland Council District Plan (Manukau Section) 2002 and will have regard to the Assessment Criteria contained within Chapter 8 of the District Plan specified in the appropriate clause of this condition.

B. Access to the Primary Road Network

This clause of the condition applies to that part of designation 611 that has frontage to the primary road network.

- i. In accordance with Rule 8.10.3(b) of the Auckland Council District Plan (Manukau Section) 2002, any activity within the designation requiring a vehicle access point to be constructed onto the primary road network or within 50 metres of the projected road boundary of an intersection onto the urban primary road network, requires a Restricted Discretionary resource consent. When making its decision regarding the application for Restricted Discretionary resource consent, the Council shall restrict the exercise of its discretion to matters contained in 8.12.2.1 and will have regard to the appropriate Assessment Criteria contained within Rule 8.12.2.3 of the Auckland Council District Plan (Manukau Section) 2002.

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1.0 Performance Standards — Design of Access to Road Network

1.1 Vehicle Crossing Design

a. Vehicle crossings shall intersect with the carriageway at an angle of between 45° and 90° and cross the property boundary at an angle of between 75° and 105°.

b. Vehicle crossings shall comply with the following minimum and maximum widths. This rule also applies to vehicle crossings shared by more than one property.

	Min Width of Crossing	Max Width of Crossing
one-way	3.0 metres	6.0 metres
two-way	3.0 metres	9.0 metres

1.2 Gradients

The grade of vehicle crossings shall not exceed 1:8. For curved ramps and driveways, the gradient is measured along the inside radius.

1.3 Prohibited Areas

No vehicle crossing shall be located within those frontages of a property at intersections defined within Figure 8.3 of the Auckland Council District Plan (Manukau Section) 2002.

1.4 Separation of Driveways

The following minimum separation distances shall apply to vehicle crossings:

- Three metres between vehicle crossings as measured at the kerb.
- 1.5 metres between the vehicle crossing and the applicant's side of property boundary as measured at the kerb and perpendicular to the kerb. This provision shall not apply in respect of vehicle crossings shared by adjoining properties.

1.5 Swept Paths

All vehicle crossings within the primary road network, or within roads within which a centreline is defined shall be designed to accommodate the swept path of the largest vehicle expected to use it. When turning left the vehicle must not be required to cross the road centreline or the right hand edge of the rear traffic lane where there is more than one lane.

1.6 Separate Entry and Exits

Where activities provide separate entry and exit crossings they are to be clearly marked as such.

1.7 Impact on Street Furniture, Street Trees and Traffic Signs

No vehicle crossing shall result in the removal or relocation of a street tree, traffic signals, street light, bus shelter, traffic sign, or street furniture without the consent of Council first being obtained.

1.8 Assessment Criteria

When assessing any application for Restricted Discretionary Resource Consent for non-compliance with any of the Performance Standards in clauses 1.1 to 1.7 of this condition, Council restricts the exercise its discretion to matters specified in Rule 8.11.8.1 and will have regard to the Assessment Criteria contained within Rule 8.11.8.3 of the Auckland Council District Plan (Manukau Section) 2002.

2.0 Performance Standards — Parking and Vehicle Circulation

2.1 Provision of Parking

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2.1.1 Number of Parking Spaces to be Provided

- a. The number of parking spaces to be provided shall be determined in accordance with Rule 8.27 Schedule 8A of the District Plan.
- b. When the assessment of the number of parking spaces required in respect of the use of any land or building results in a fraction, a fraction under one half shall be disregarded and fractions of one half or more shall require an additional parking space.

2.1.2 Diminution of Land Available

The parking area that is made available about a building in compliance with the requirements for off-road parking shall not be diminished by the subsequent construction of any structure, by the storage of goods, or by any other activity, but a private garage may be erected.

2.1.3 Allocation of Parking Spaces

The requiring authority or other occupier of the site shall not unreasonably allocate or manage the parking spaces so as to prevent staff, fleet vehicles, visitors or particular occupiers associated with that site from utilising this parking.

2.1.4 Assessment Criteria

When assessing any application for Restricted Discretionary Resource Consent for non-compliance with any of the Performance Standards in clauses 2.1.1 to 2.1.3 of this condition, Council shall restrict the exercise of its discretion to matters specified in rule 8.24.2.1 and will have regard to the Assessment Criteria contained within Rule 8.24.2.3 of the Auckland Council District Plan (Manukau Section) 2002.

2.2 Provision of Loading Space

2.2.1 Any activity within the designation that generates delivery trips by heavy vehicles, shall make adequate provision on the site for a loading space.

2.2.2 Part of any yard of a site may be used to provide a loading space for any site provided that the loading space and method of loading shall at no time:

- a. cause the footpath or access to the rear of the site or access to an adjacent property to be blocked; or
- b. create a traffic hazard on the road.

2.2.3 Number of Loading Spaces to be Provided

The number of loading spaces to be provided in respect of any of the following uses on any particular site shall be determined according to the following table:

Gross Floor Area of Activity (Square Metres)	Number of Off-Road Loading Spaces to be Provided
0-20,000	1
20,001-50,000	2
Over 50,000	2 + 1 for every additional 25,000m ² of gross floor area

2.2.4 Assessment Criteria

When assessing any application for Restricted Discretionary Resource Consent for non-compliance with any of the Performance Standards in clause 2.2.3 of this condition, Council shall restrict the exercise of its discretion to matters specified in rule 8.24.4.1 and will have regard to the Assessment Criteria contained within Rule 8.24.4 of the Auckland Council District Plan (Manukau Section) 2002.

2.3 Design of Parking and Circulation Areas

All parking in the form of a parking lot or a parking building, shall conform with layout, access and any other requirements of this condition.

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2.3.1 Vehicle Dimensions

Each parking space to be provided in terms of this Section shall be in accordance with the dimensions specified in Figure 8.5 of the Auckland Council District Plan (Manukau Section) 2002 and suitably laid out to accommodate a 90 percentile motor car as defined by the Ministry of Transport. The dimensions and tracking curve of this vehicle are shown in Figure 8.7 of the Auckland Council District Plan (Manukau Section) 2002.

2.3.2 Reverse Manoeuvring

All parking areas shall be designed to ensure that vehicles are not required to reverse either onto or off the site; and are not required to execute more than a three point turn to exit the site based on the 90 percentile motor car as defined within Figure 8.7 of the Auckland Council District Plan (Manukau Section) 2002.

2.3.3 Vehicle Queuing

Sites shall be laid out in such a way that vehicles using or waiting to use on site facilities shall not queue into the adjoining road or obstruct entry to or exit from the site. The minimum distance between any such facility and the mid point of the property boundary edge of any vehicle crossing to the site shall be 12 metres (the property boundary having been adjusted for any proposed road widening).

2.3.4 Design and Constructional Details

All public and private parking areas shall comply with the following requirements:

- a. The parking spaces and access drives and aisles required in respect of the site in question shall, before the commencement of the Permitted Activity of that site, be formed, sealed and permanently marked or laid out in accordance with approved plans to the Council's satisfaction;
- b. The parking area shall be maintained at all times so as not to create a dust nuisance;
- c. Stormwater drainage from the parking area shall be constructed to the satisfaction of the Council;
- d. Provision shall be made to illuminate access driveways and pedestrian areas within public parking areas used during the hours of darkness. Illumination shall not be directed towards any adjacent residentially zoned land. Refer also to Rule 5.18.2 Artificial Lighting of the Auckland Council District Plan (Manukau Section) 2002;
- e. Parking areas and signs and markings shall be maintained by the owner or occupier so that at all times they remain legible and available for use by vehicles;
- f. All parking spaces provided to meet the requirements of clause 2.1.1 of this condition shall be right angled parking spaces;
- g. The design and layout of parking areas shall be such that vehicles are not required to reverse a distance greater than 30 metres to enter or exit any parking space or exit any parking aisle in the event that the parking spaces within the aisle are occupied; and
- h. Where there are several separate parking areas within a site (or sites where joint parking areas are involved), then internal vehicular access between the parking areas shall be provided so that vehicles do not have to use the adjoining road network to travel between carparks.

2.3.5 Provisions for Disabled Persons

Where it is proposed to establish the use of any land or erect any building and that use or building is listed in Section 25 of the Disabled Persons Community Welfare Act 1975 carparking spaces for the exclusive use of vehicles driven by persons with disabilities or any person accompanying a person or persons with disabilities, shall be provided as follows:

- a. No fewer than one carparking spaces for the disabled shall be provided where the total number of carparking spaces is between 1 and 10; no fewer than two carparking spaces for the disabled shall be provided where the total number of parking spaces is between 11 and 99; and one additional carparking spaces for the disabled for each additional 50 parking spaces or part thereof;
- b. Such carparking space or spaces shall be credited towards the number carparking spaces required; and
- c. Such carparking spaces shall be designed in accordance with the requirements of the New Zealand Standard Specification 4121 (1985). Access from such carparking spaces to buildings shall also be designed in accordance with these standards and carparking spaces shall be so located to ensure that the distance to be traversed is as short as possible.

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2.3.6 Design of Loading Spaces

a. Location

A loading space or loading spaces shall be so located as to fulfil the purpose for which loading is required in relation to the functional design of the building and the area and shape of the site. The extent of the area required for manoeuvring in respect of any loading space shall be sufficient to accommodate the largest vehicle that is expected to utilise the loading space. In determining that area there shall be taken as a minimum guide the 90 percentile truck tracking curve shown in Figure 8.8 of the Auckland Council District Plan (Manukau Section) 2002;

b. Loading Docks Fronting Roads or Service Lanes

The minimum dimensions for a loading dock fronting directly on to a road or service lane shall be sufficient to accommodate the largest vehicle that is expected to utilise the loading space. As a minimum guide, they shall be 3.5m wide by 3.5m high by 7.5m deep measured from the road or service lane boundary of the site. In the case of a loading dock to be used by articulated vehicles, the dock shall not be less than 11m deep measured from the road or service lane boundary of the site; and

c. Reverse Manoeuvring

Except for loading areas with access to a cul-de-sac or service lane, all loading areas shall be designed to ensure that the vehicles using them are not required to reverse either onto or off the site and are not required to execute more than a three point turn to exit the site (based on the appropriate truck tracking curve). In complying with the above the truck tracking curve shall not track over any defined parking spaces required to satisfy Performance Standard 1 of this condition or require a vehicle to reverse more than 30 metres on site.

2.3.7 Assessment Criteria

When assessing any application for Restricted Discretionary Resource Consent for non-compliance with any of the Performance Standards in clauses 2.3.1 to 2.3.6 of this condition, Council shall restrict the exercise of its discretion to matters specified in Rule 8.24.4.1 and will have regard to the Assessment Criteria contained within Rule 8.24.8 of the Auckland Council District Plan (Manukau Section) 2002.

2.4 Acceptance of Cash in Lieu of Parking Spaces

a. Where it is not reasonable or practicable to make provision for the parking requirement in respect of the designated site on the site or sufficiently close to it for constant use by vehicles in connection with the site, the Council may instead of enforcing the provision, accept payment of a sum of money not exceeding the cost including land value, of providing the parking requirement on that site. Alternatively Council may elect to accept a sum based on the cost of providing any parking shortfall on land in the vicinity of the site or the cost of providing parking on a nearby site set aside for carparking purposes, providing that this sum does not exceed that specified above;

b. Any payment made under subsection (a) of this rule shall contribute to satisfying the requirements of the scheme for parking provision in respect of the site, and shall be kept in a separate account in the Council's name and applied by the Council from time to time as opportunity offers in the acquisition of land and the making of provision for parking as close as, is reasonable and practicable to the site in respect of which the parking area was required to be provided. Notwithstanding the above Council may apply not more than half of any payment made under Section (a) of this rule on passenger transport infrastructure in the vicinity of the site providing that the site and use of the site in question would benefit from the provision of this infrastructure; and

c. When the cash in lieu of parking is used by Council to provide parking spaces, a number of parking spaces equivalent to their respective contribution to the cost of formulation will be made available for use by the owners of sites for which cash in lieu of parking has been accepted.

2.5 Traffic Management Works

The Council shall assess any Outline Plan of Works or any resource consent under (ii) and (ii) of this condition submitted by the requiring authority for any development or redevelopment of the designated site having regard to the potential transportation related effects of the development.

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The requiring authority shall be required to meet the reasonable costs of all access and traffic management works (including any additional land required to accommodate these works) associated with an activity on the designated site to the extent that such works are required to meet safety, access, egress, or amenity considerations related to the activity or where the works are required to mitigate the likely adverse effects from the activity on the safety or operation of the transport network.

Advice Notes

1. The Greenmount Landfill is also subject the to following regional resource consent and their conditions, granted by the former Auckland Regional Council and in accordance with the conditions (or any subsequent modifications of these conditions):

- No. 928676 Diversion and discharge of stormwater
- No. 928677 Discharge of leachate and landfill gas through the clay liner
- No. 928678 Diversion of groundwater
- No. 949458 Discharge of landfill gas to the atmosphere
- No. 949459 Discharge contaminants onto and into land; and
- Resource consent PRM6291/1 issued by the former Manukau City Council.

2. There are additional consents in relation to the methane gas and power generation plant.

Attachments

No attachments.

612 Whitford Landfill

Designation Number	612
Requiring Authority	Auckland Council
Location	373 Whitford-Maraetai Road, Whitford
Rollover Designation	Yes
Legacy Reference	Designation 229, Auckland Council District Plan (Manukau Section) 2002
Lapse date	Given effect to (i.e. no lapse date)

Purpose

Rule 10.2.8.1.1 Whitford Landfill Landfilling Designation (Zone 1): Purposes

a. Subject to the conditions set out in Rule 10.2.8.1.1.1, the area shown as "Zone 1" in Figure 10.2.1 may be used for the purposes of:

- A refuse landfill and for the ponding and disposal of leachate
- Recycling and composting
- Residents' transfer station
- Recreational paths
- Other activities ancillary to the above activities

b. In these conditions "Landfill Operator" means the Manukau City Council in its capacity as operator of the Whitford Landfill; and also includes a Local Authority Trading Enterprise (LATE) and where the LATE is not a company, the members of the LATE; or other successor or successors as operator of the Whitford Landfill.

Explanation:

The Whitford Landfill has been designated for many years. In 2005 a Notice of Requirement was sought to alter

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the existing designation in order to increase the life of the Landfill beyond 2014. The Council decided that the new time frame would allow landfilling for approximately 35 years, to coincide with the expiry date of ARC consents. The landfill area is shown in Figure 10.2.1.

The designation is identified by four areas which are referred to as Landfill Zones 1, 2, 3 and Landfill Zone 1/Quarry. Each zone is also referred by descriptive names, such as "Excavation of Cover Material Designation".

Zone 1 and Landfill Zone 1/Quarry make provision for the disposal of refuse during the planning period having regard to the topography of the land, so that while full use can be made of material available within the area for covering refuse, the operation can be conducted with a minimum of detraction from the amenities of the neighbourhood. The combined areas currently designated at Whitford for landfill purposes (Zone 1 and Landfill Zone 1/Quarry) have a life of approximately 35 years.

The southern part of the designation, Zone 2 known as the "O'Brien Property" was purchased by the Council as a source of additional cover material, to the landfill, with the purpose of reducing the traffic and other effects of importing cover material from elsewhere.

The northern part of the designation, Zone 3 known as "Curries Farm", was purchased by the Council for the spray irrigation of leachate from the landfill. On 21 November 1994 Manukau City Council granted a resource consent for the spray irrigation of treated leachate on to part of the land in the northern part of the designation.

Special conditions and restrictions are set out for each of the zones of the designated area for the future protection of the amenities of the area.

Council has undertaken the realignment and upgrading of sections of Ormiston Road in order to improve the principal route to the landfill and for the benefit of other road users. The Landfill Operator also has a number of consents from the Auckland Regional Council covering aspects of the landfill activities. The rules in this Plan complement the conditions of the ARC consents and Council will take the ARC consents into account.

Recognising the need for correct loading of trucks and trailers carrying refuse through the City, access roads leading to the designated area will be patrolled at regular intervals (including weekends), by Council, and it will enforce its powers under its Bylaws and the Litter Act 1979.

Conditions

Restrictions on Footprint

a. The disposal of refuse shall be confined to the area showing the limits of refuse disposal in Figure 10.2.2 at the rear of this section.

Proviso:

No areas outside the Interim Footprint shown in Figure 10.2.2 at the rear of this section may be developed or used for refuse disposal except in accordance with the relevant parts of the Management Plan required under condition (d) and approved under condition (f).

General Requirements

b. The landfill and all associated activities, development and works (including postclosure aftercare) shall:

- Be designed, constructed, operated and maintained as a modern landfill in accordance with currently recognised good sanitary landfill practice
- Be undertaken in accordance with such practice by persons appropriately qualified and experienced for the particular purpose
- Comply in all respects with these conditions to the satisfaction of the Council's Director of Planning and Resource Management or other specified officer and any other statutory authority having regulatory jurisdiction over the matter

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- Proceed in accordance with the Management Plan referred to in condition (d) but as amended from time to time in accordance with these conditions of the designation. No development may proceed until the relevant part of the Management Plan has been approved
- Be subject to compliance with all necessary resource consents from the Auckland Regional Council and any other applicable statutory requirements.

(For the avoidance of doubt where any conditions attaching to any necessary resource consent or any other statutory requirements impose more stringent requirements on the landfill than these conditions, then the more stringent requirements shall prevail).

c. A residents transfer station and recycling facilities shall be established and maintained on the landfill site for so long as the site is used for refuse disposal purposes.

Management Plan

d. The Landfill Operator shall maintain and keep current the following plans and manuals ("the Management Plan"), the basis of which shall be the Landfill Management Plan held by the Council in its records on the Whitford Landfill and as subsequently approved by the Council. The Landfill Management Plan shall be completed no later than 3 months after the confirmation of the designation.

Plans and Manuals Comprising the Management Plan:

- Design Manual
- Construction Manual
- Monitoring Manual
- Operations Manual
- Contingency Manual
- Site Landscaping Plan
- Post-Closure Aftercare Plan

e. The Management Plan (and any amendments) shall give effect to these conditions and otherwise generally accord with the Outline Management Plan.

f. Each part of the Management Plan (and any amendments) shall:

- Be subject to the approval of:
- The Council in consultation with the Peer Review Panel referred to in condition (j); and
- The ARC in relation to matters it is required to approve by legislation
- When so approved, be strictly adhered to at all times
- Be subject to review (including a review of the performance of the practices and procedures in the Plan) by the Peer Review Panel on an annual basis or earlier if required by the Council.

g. Amendments shall be made to the Management Plan to incorporate:

- Requirements of the Council to ensure compliance with these conditions (including requirements made on the advice of the Peer Review Panel)
- Requirements of the ARC in relation to matters it is required to approve by legislation
- Changes sought by the Landfill Operator to give better effect to these conditions which have been reviewed by the Peer Review Panel and have the approval of the Council and the ARC where appropriate
- The requirements of any applicable enactment.

Any amendments required by this clause shall be incorporated without delay in and shall form part of the approved Management Plan.

Matters to be covered in the Management Plan

h. The Management Plan shall contain provisions dealing with the following matters:

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	Specific Condition References
Waste Acceptance Criteria indicating categories of refuse accepted at the Landfill	(w)
Stages of development	(-)
The separation of existing and future areas of refuse placement	(-)
Right of access	(r)
Hours of operation	(t)
Categories of refuse accepted at the landfill	(w)(x)(y)
Liner construction	(b)
Site Access, internal roading, vehicle stacking areas and traffic management	(u)
Occupational Safety and Health	(-)
Mediation	(p)
Methods of handling and disposal of refuse including controlled waste	(w)(x)(y)
Refuse covering and capping	(cc)
Landscape amelioration, maintenance and restoration work	(tt)-(xx)
Litter control	(mm)
Recycling, residents waste transfer station and composting operations	(c)
Stormwater management	(-)
Leachate management	(v)
Landfill gas management	(jj)
Nuisance control	(ll)-(pp)
Monitoring and record keeping	(qq)-(ss)
Contingency plans	(d)
Emergency procedures	(-)
Site closure and rehabilitation	(tt)-(xx)
Aftercare requirements	(yy)
Community liaison	(p)
Cultural Heritage Sites	(-)
Such other matters as are considered appropriate from time to time by the Council (which may include matters drawn to its attention by the Peer Review Panel or the ARC)	(-)

i. The Management Plan shall expressly require compliance with these conditions:

- That gas wells and other permanent engineering features are located so as to be as unobtrusive as possible from adjacent land and to be compatible with the site Landscaping and Post-Closure Aftercare Plans
- That a layer of low permeability materials be constructed above the existing landfill to direct leachate from new refuse to new leachate collection drains. The layer shall be of such thickness and permeability as to ensure the minimisation of movement of leachate into the underlying refuse and the avoidance of adverse environmental effects.

Peer Review Panel

j. For the operating life of the landfill and such further period as the Council may require the Landfill Operator shall establish and maintain an independent Peer Review Panel The composition of the Peer Review Panel shall

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be as approved by the Council's Manager — Resource Consents and Compliance, and the Auckland Regional Council following consultation with any Community Committee established under condition (p); and shall comprise not less than 3 nor more than 5 suitably qualified and experienced persons one of whom shall be the nominee of any Community Committee established under condition

p. The objectives of the Peer Review Panel will be to ensure that the conditions of this Rule are met and to ensure that all engineering works authorised by the ARC achieve design specifications.

k. All reasonable costs of the Peer Review Panel in undertaking its functions set out in these conditions shall be met by the Landfill Operator.

l. The Peer Review Panel may co-opt other specialist members to assist in any of its functions for specified periods subject to the approval of the Council, and after consultation with the Landfill Operator. The Peer Review Panel shall appoint one of its members as convener.

m. The Peer Review Panel shall undertake all of the following functions save to the extent modified by the ARC in respect of matters over which it has jurisdiction:

- i. Reviewing the adequacy of the various parts of the Management Plan prior to their initial approval by the Council and thereafter on an annual basis.
- ii. Being satisfied that conditions (a) and (b) are being complied with and that the landfill and all associated activities and works (including post closure aftercare) are adequate to ensure the ongoing containment of refuse and leachate.
- iii. Reviewing any proposed modifications to the design, construction, operation or aftercare of the landfill and all associated activities and works.
- iv. Taking such steps as are necessary to ensure that the following are undertaken to its satisfaction:
 - The monitoring of the construction and performance of the landfill liner
 - The monitoring and testing referred to in condition (qq) the evaluation of the results of the monitoring and any consequential testing.
- v. From time to time drawing to the Council's and the ARC's attention any changes to the management plan that it considers necessary or desirable and any other matter which, in the opinion of the Peer Review Panel, the Council or the ARC should deal with or be aware of.
- vi. Reporting to the Council at 6 monthly intervals, or sooner if required by the Council, on all the above matters as appropriate and otherwise describing the status of the landfill project, particularly with regard to compliance with these conditions.
- vii. Consulting with the Community Committee on any matters relating to the landfill at the same frequency as it is required to report to the Council and promptly providing the Committee with copies of its reports.
- viii. Consulting with and reporting to the Landfill Operator from time to time on the above matters.

General Duties of the Landfill Operator

n. The Landfill Operator shall:

- Do all things necessary to enable the Council, any other relevant statutory regulatory authority and the Peer Review Panel to perform their functions, and without limiting that obligation, it shall supply those bodies with all information reasonably necessary for its purposes and permit access to the landfill site at all reasonable times.

Review of the Management Plan by Landfill Operator

o. The Landfill Operator shall undertake its own review:

- Annually of all parts of the Management Plan for the purpose of ensuring ongoing compliance with these conditions
- The Landfill Operator shall also report to the Council annually, summarising its annual review.

The Landfill Operator shall also prepare reports for the Council annually on:

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- i. Significant changes made to the design construction, operation or management of the landfill and all associated activities and work including aftercare.
- ii. Environmental monitoring results in summarised form.
- iii. Incidents involving non compliance with these conditions and actions taken to remedy them. and five yearly on:
- iv. Significant local or international advances made in any aspect of landfill design, construction, operation or management that may have benefits for the Whitford Landfill, and how it is intended to incorporate them, if at all.
- v. Details of any alternative methods of refuse disposal that could affect the future viability of the landfill operation.
- vi. The effects of landfill traffic on the local road network that serves the landfill site taking into account overall traffic conditions at the time.

The first five yearly report shall be submitted to the Council on or as soon as practicable after 1 June 1999. The reports shall in each case (with the exception of the report referred to in (vi)) deal with the preceding year or five years as appropriate.

Community Committee

p. The Landfill Operator shall:

- Consult with tangata whenua and representatives of local residents (including the Whitford Residents and Ratepayers Association) to facilitate the establishment of a Community Committee comprising up to five representatives of those groups, a representative of the Landfill Operator and up to two representatives of the Council
- Ensure, as far as practicable, that those living in close proximity to the landfill and those living in the broader Whitford Community are represented on the Committee
- Discuss matters relevant to the landfill including, but without limitation, concerns and complaints of residents and aspects of non compliance and ways of alleviating them
- Disseminate information to the Committee about the landfill and about any future proposals for the landfill
- Ensure its representative attends meetings of the Committee on a quarterly basis or sooner if requested by the Council's Director of Environmental Management
- Ensure its representative attends any mediation held at the request of the Council's representative in the event of disagreement between the Landfill Operator and members of the Committee over matters relating to the landfill.

Archaeological

q. In the event of archaeological features being uncovered (e.g. shell midden, hangi, or oven stones, pit depressions, defensive ditches, artefact material or human bones), work is to cease in the vicinity of the discovery and the Manukau City Council, the New Zealand Historic Places Trust and the appropriate iwi authorities shall be contacted so that appropriate action can be taken. This includes such persons being given a reasonable time to record and recover archaeological features discovered before work may commence.

Right of access

r. Right of access to the Whitford Landfill for the purposes of refuse disposal shall be restricted to the following users:

- i. Refuse Vehicles
- ii. Private vehicles of residents from within the area shown on Figure 10.2.3 at the rear of this section.

The Landfill Operator shall licence all Refuse Vehicles. All vehicles shall be required to display a registration number issued by the Landfill Operator. Vehicles not so licensed and displaying a registration number shall be prohibited from using the landfill except where a temporary licence is granted.

Return trips by Refuse Vehicles shall be limited as follows:

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- During the operating life of the Quarry, while quarry product is being extracted and removed from the site, the number of return trips generated in any one year by Refuse Vehicles shall not exceed an average of 110 per day (12 month average), corresponding to a refuse quantity of 275,000 tonnes per annum.
- Once the Quarry has ceased to extract and remove rock from the site, but while final quarry remedial works are being undertaken, the combined number of return trips generated in any one year by Refuse Vehicles and quarry trucks shall not exceed an average of 210 per day (12 month average), provided, however, that the permitted number of return trips by Refuse Vehicles shall not be greater than 155 per day (12 month average), corresponding to a refuse quantity of 350 tonnes per annum.
- After completion of quarry remedial works, the number of return trips generated in any one year by Refuse Vehicles shall not exceed an average of 155 per day (12 month average), corresponding to a refuse quantity of 350,000 tonnes per annum.

s. The Landfill Operator shall require that all roads be fully enclosed or secured.

Hours of operation

t. The hours of operation may not commence before 7.00am Monday–Friday, 7.30am Saturday and 11.00am on Sunday; and shall cease no later than at 6.00pm Monday to Saturday and 4.00pm on Sunday; subject to the following limitations and exceptions:

i. The landfill shall be closed on Good Friday, Christmas Day and New Year's Day; and where practicable on other public holidays having regard to the requirements of transfer station operations.

ii. The hours of operation may be extended to no later than 9.00pm (Monday to Saturday) for equipment maintenance works and office work only, except in cases of emergency.

iii. Delivery of refuse to the site shall be limited as follows:

- Deliveries from commercial and industrial users:

Monday–Friday: 7.30am to 5.00pm

Saturday: 7.30am to 2.00pm, but extended to 5.00pm for Transfer Station transporters.

- Deliveries from private users:

Monday–Sunday: 11.00am to 3.00pm

Proviso:

On Saturdays following a week in which there is a public holiday these hours may be extended to 4.00pm for the commercial vehicles of Manukau City Councils domestic refuse contractors.

Site Access

u. Entrance gates across the access to the landfill shall be provided and locked outside the hours of operation of the landfill. In order to provide for circumstances where the hours of operation of the quarry do not coincide with those of the landfill, the quarry operator shall be provided with a key to the entrance gates to enable quarry vehicles to access the quarry during the quarry's hours of operation. For the avoidance of doubt, landfill trucks that are commercial and industrial users may park or "stack" on the area to be retained for stacking of vehicles shown on Figure 10.2.6 during the period shortly before 7.30am, but may not travel beyond that area until 7.30am

Initial Establishment Works

v.

i. The following works shall be undertaken as soon as practicable unless otherwise specified in general accordance with the relevant provisions of the Management Plan:

- Earth embankment construction and screen planting along the Trig Road and Whitford-Maraetai Road frontages which shall be carried out progressively.

ii. In addition to v(i) above the ongoing maintenance of the following works are required:

- Earth embankment construction and screen planting along the Trig Road and Whitford-Maraetai Road frontages

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- Fencing of the boundaries of the designated areas shown in Figure 10.2.1 of Chapter 10.2 with a stock-proof fence.

Proviso:

Where areas abutting a boundary of the designated site are intended to be used for landfill purposes then the Council may waive this requirement in respect of the relevant part of the boundary.

iii. The following operational conditions shall apply:

- The retention of the existing access and entrance facilities off Whitford-Maraetai Road as indicated on Figure 10.2.2 of Chapter 10.2
- The retention of areas for stacking of refuse vehicles off public roads as indicated on Figure 10.2.6 of Chapter 10.2
- The continued upgrading of leachate treatment and storage facilities to comply with any relevant resource consents.

Restrictions on Waste

w. Wastes disposed of to the Landfill must comply with the Whitford Landfill Waste Acceptance Criteria as set out in the Landfill Management Plan.

x. Permitted Waste — The categories of refuse permitted to be disposed of at the landfill shall be limited to the following:

- General household, commercial or industrial refuse, but excluding prohibited waste
- Clean fill
- Offal and animal carcasses

Buffering

aa. A buffer zone of 30 metres shall be left between the landfill operations and the following boundaries of the site:

- i. The Whitford-Maraetai Road boundary.
- ii. The Trig Road boundary.
- iii. The boundary with Allotment 30, Maraetai Parish.

The buffer in (i) and (ii) (and in (iii) if required by the Council) shall be screened with planting and bunding and otherwise developed to present an attractive buffer and as far as possible to screen the landfill from nearby dwellings and adjoining roads; and to minimise noise generated by the landfill.

The planting shall be augmented as necessary from time to time with an appropriate mix of indigenous species in order to maintain a vegetative screen at all times throughout the life of the landfill. Details of the development, planting and bunding shall be included in the Management Plans.

Refuse Placement and Cover Explanatory Statement:

Refuse placement and cover is controlled by a regional resource consent.

Noise

cc. Construction noise — construction noise from site development works and building construction on the site shall be as recommended in, and be measured and assessed in accordance with NZ 6803P" 1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work". Construction activities shall be clearly identified in the Management Plan (Construction Manual).

dd. Landfill operations — The corrected noise level (L10) of any landfill operations as measured at or within the notional boundary of any existing dwelling outside the landfill site shall not exceed the following limits:

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Monday to Friday	7.00am-6.00pm	55 dBA
Saturday	7.30am-6.00pm	55 dBA
Sunday and all other times		45 dBA

Note:

Notwithstanding the standards in this rule the Landfill Operator should aim at achieving a corrected L10 noise level of 50dBA at the notional boundary of any rural property between 7.00am and 6:00pm from Monday to Saturday, as a matter of good practice.

ee. The notional boundary shall be taken to be a line 20 metres from the facade of any existing dwelling or the legal boundary where this is closer to the dwelling.

ff. Subject to the express provisions of these conditions, noise levels shall be measured and assessed in accordance with the requirements of New Zealand Standards (NZS 6801:1991 Measurement of Sound and NZS 6802:1991 Assessment of Environmental Sound)

gg. The noise shall be measured with a sound level meter complying with the International Standard IEC 651 (1979): Sound Level Meters, Type I,

hh. A certificate from an acoustical engineer shall be given to the Council within seven days of its request and shall demonstrate that the above performance standards are being complied with. In the event of non-compliance, information shall be given to the Council setting out reduction measures to ensure compliance which shall be implemented forthwith.

Gas Emission

ii. A gas control system shall be installed progressively for the collection and burning or utilization of landfill gas so as to mitigate odours from gas. Details of the system shall be included in the Management Plan.

Protection of Ground Water and Containment System

jj. The Landfill Operator shall ensure that all necessary measures are taken to ensure ground water levels on site are controlled or other alternative measures are undertaken so as to provide in either case for the effective containment of leachate.

Nuisances

kk. Odour — Effective procedures to control discharges to air shall be implemented to ensure compliance with the conditions of any air discharge permit granted by the ARC under section 15 of the RMA. In particular but without limitation the following measures shall be undertaken to prevent that occurrence:

- Malodorous special wastes shall be accepted only by prior arrangement and shall be covered immediately upon acceptance. Furthermore, malodorous special waste shall only be accepted when there is sufficient fresh refuse or cleanfill available, and in any event no later than 3.00pm Monday to Friday.
- The collection and treatment of landfill gas shall be undertaken in accordance with the relevant conditions on the Air Discharge Permit granted by the ARC.
- The avoidance as far as practicable of practices which require excavation into old refuse
- The use of cover material as set out in condition (cc)
- The implementation of a policy of liaison with the producers of potentially odorous loads to minimise the occurrence of problems
- The use of odour neutralising or masking sprays.

ll. Litter — Effective procedures shall be implemented by the Landfill Operator to:

- Prevent the escape of litter from the landfill
- Ensure all reasonable steps are taken to keep the roads leading to the landfill and properties adjacent to the

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landfill free from litter

- Promptly clean up any materials dumped in the vicinity of the site entrance, including Trig Road
- Promptly, if so requested by the Council, remove any litter that appears to have come from the landfill operations.

mm. Vermin, Insects, and Birds — Effective control and eradication procedures shall be implemented at the site to minimise the incidence of birds, rodents, insects and any other form of potential nuisance. Full details shall be set out in the Management Plan.

nn. Dust and Mud Control — Effective control procedures including the following shall be implemented:

On site:

- Sealing the entrance road
- Sealing heavily trafficked permanent roads
- Cleaning roads where required
- The use of water sprays and water carts
- Maintain a permanent wheel wash and hose down facilities at an appropriate location

Off site:

- Cleaning of roads leading to the landfill to remove mud emanating from the landfill.

oo. Fires — The intentional burning of refuse and any other material apart from the landfill gas is prohibited. The Landfill Operator shall maintain and operate a fire protection system to the satisfaction of the Council and any other relevant statutory authority having regulatory control over the matter.

Monitoring and Records

pp. The Management Plan shall provide for a monitoring programme which shall be carried out by the Landfill Operator. The programme shall accord with the provisions of the Outline Management Plan on monitoring and provide for the monitoring and testing of the following during the landfill life and the aftercare period:

- Construction and performance of the landfill liner
- Ground and surface water
- Leachate
- Landfill gas
- Noise
- Other things or matters required to be monitored by the Council or the ARC.

Monitoring and testing shall be carried out with such regularity as is required by the conditions of the ARC consents provided that if there are no such consents applicable then the monitoring and testing should be carried out with such regularity as the Council or other relevant statutory regulatory authority requires.

Persons undertaking monitoring and testing for the Landfill Operator shall be approved by the Council or other relevant statutory regulatory authority after consultation with the Peer Review Panel.

The Landfill Operator shall permit the Council to have access to the landfill at all reasonable times for the purpose of any inspection or monitoring the Council might wish to undertake.

qq. The Landfill Operator shall keep detailed records on the following:

- All monitoring activities and results including non-standard results
- Engineering works including civil, mechanical and electrical (which records shall include "as-built" drawings)
- Quantities of refuse (including details according to type) delivered to the site and/ or removed from the site
- Placement of controlled waste disposed of on-site according to type and quantity
- Complaints
- Fires

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- Special waste
- Test results
- Pest control
- Emergencies
- The contingency plan and its effectiveness
- Failures or events contrary to these conditions or the Management Plan and the actions taken to alleviate the consequences.

rr. The Landfill Operator shall report to the Peer Review Panel monthly on the matters listed in (rr), and promptly comply with any request by the Panel or the Council or other relevant statutory regulatory authority for copies of the records required by condition (rr).

Completion Works and Closure Report

ss. All structures no longer required for the landfill shall be removed at the earliest practical opportunity on completion of their functions.

Prior to landfilling above RL90m within the shaded area indicated on Figure 10.2.5, ("the Shaded Area"), the Landfill Operator shall submit to the Peer Review Panel a report prepared in accordance with best industry practice that, amongst other things:

- a. Analyses historical settlement at the Landfill,
- b. Predicts the rate of settlement in the shaded area based on historical Landfill settlement patterns, and
- c. Identifies a fill sequence and pre-settlement fill contour plan for the Shaded Area that allows for a degree of over-filling. If the Peer Review Panel accepts the report and advises the Manager — Compliance Enforcement and the Whitford Landfill Community Liaison Committee in writing that it confirms the conclusions reached in that report then a degree of over-filling shall be permitted in the Shaded Area to allow for ongoing settlement.

The degree of over-filling shall relate to the predicted rate of settlement identified in the report and ensure a settled profile in the Shaded Area will be achieved at or about the contour levels shown in Figure 10.2.5 within 5 years of final waste placement.

Each completed Landfill stage shall, as soon as practicable after completion of refuse placement in that stage be capped, topsoiled and landscaped so as to render the site suitable for an end use for public recreational and open space purposes. Subject to ARC permit conditions relating to the clay cap, any trees or shrubs to be planted on the finished Landfill shall be selected and located so that generally they will not grow to a height exceeding RL120 metres.

tt. As part of the Site Landscaping and Post-Closure Aftercare Plans, the Landfill Operator shall include detailed provisions, prepared in consultation with the Council, the Community Committee and owners of adjacent sites to give effect to the above requirements to the satisfaction of the Council.

uu. Capping shall be a minimum of 600mm depth of clay-based material and shall be compacted in at least 2 layers to achieve a permeability generally in the range of 10⁻⁷ to 10⁻⁸m/second, or such alternative equivalent design as the Landfill Operator may propose, to the approval of the Auckland Regional Council, or through a resource consent. Capping in areas where plants are to be located must be sufficient to ensure that root systems do not penetrate the cap.

vv. The preparation of areas of rehabilitated landfill that are to be planted shall be adequate to ensure healthy planting and growth of grass, shrubs or trees or a combination thereof. Details shall be provided in the Management Plan.

ww. A closure report shall be prepared to the satisfaction of the Council and the ARC and submitted no later than 6 months after the last refuse is placed on the landfill site.

Time Frame

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xx. The settled contours of the Landfill shall be within the envelope shown on Figure 10.2.5 (which shall be entitled "Whitford Landfill Post Settlement Contours"). With the exception of final restoration work, all landfilling on the site shall cease by the end of 2041 or such earlier year as specified in an ARC consent unless the period is extended by a resource consent. Final restoration work shall be completed as soon as practicable.

Post-Closure Aftercare

yy. The Landfill Operator shall:

- Be responsible on a continuing basis for:
 - the control of groundwater and stormwater
 - the collection and disposal of leachate and landfill gas, and
 - the post-closure aftercare of the landfillfor a period of 30 years or such longer period as the Council and/or the ARC require.
- Prepare a post closure plan to the satisfaction of the Manager — Compliance Enforcement, at least 10 years before the anticipated closure of the Landfill which will describe the measures that will be taken to prepare the Landfill for its future use. The plan will include an estimate of ground levels, planting/landscaping and final use proposals, estimate of truck numbers, and measures to control gas and leachate.
- Prepare a post closure aftercare completion report to ensure and demonstrate to the satisfaction of the Council, the ARC and any other appropriate regulatory authority that the Landfill is in a state that does not present or have the potential to present any risk or adverse effect on or to the environment, and that there is no need for any further control, treatment or measures of any kind to ensure the continuation of that state.

Post-Closure Aftercare Fund Bond

aaa. Any person or body other than the Council which is involved as Landfill Operator of the landfill shall forthwith upon any written request of the Council enter into and maintain a cash (or equivalent) bond in favour of the Council and the Auckland Regional Council and drawn in terms satisfactory to the bond holders to provide security for early closure, environmental remediation, and post-closure aftercare; and to ensure compliance with these conditions, the conditions of any resource consents and with the Management Plan and to provide security for the Council's costs and charges relating to these conditions.

The bond shall be for an initial sum of up to \$2.1 million, which sum shall be incremented by up to \$3.00 per tonne of refuse deposited at the landfill after 1 April 1994, up to a total sum not exceeding \$12.6 million. Both the bond fund and the increments shall be adjusted annually according to the Works Construction Cost Index, or other suitable alternative approved by the Council's Manager — Resource Consents and Compliance, and the Auckland Regional Council.

The actual amounts of the initial sum, the increments, and the total sum shall be fixed by the Council having regard to the proportionate interest of the relevant person or body in the operation of the Whitford Landfill.

Proviso as to review:

The maximum amounts of the initial sum, the increments and the total sum may be subject to review at the time of any review of the district plan or pursuant to any change to the district plan to ensure that those limits provide adequate security for the above purposes. In the event of any change in any of the above mentioned sums, the bond shall be amended accordingly.

Monitoring Charge

bbb. The Landfill Operator shall pay the Council's reasonable monitoring charges relating to the conditions in this Ordinance as they fall due.

Community Fund

ccc. The landfill operator shall from 1 July 1997 contribute to a Trust established by the Council for the benefit of the local community within the vicinity of the Whitford Landfill.

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Such contribution shall be a levy of:

- 50 cents per tonne for each tonne of refuse received from the District of Manukau and
- \$1 per tonne for refuse received from outside the District of Manukau.

These levies shall be reviewed by the Council at five yearly intervals with the first review to be made on 1 July 2011. The review may take into account, among other factors, any changes to the Consumer Price Index, with the Reference Index being the June Quarter of 2006.

Maintenance of Internal Access Roads

ddd. The existing sealed access road within the Joint Landfill/Quarry Area shall be maintained at all times to minimise the potential of body rattle due to uneven road surfaces. This access road shall be inspected on a 6 monthly basis as part of a detailed walkover with an engineer who shall report to the Landfill Community Committee on the works (if any) that may be necessary to minimise the potential for body rattle. The works shall be undertaken by the Landfill Operator in an expeditious manner and to the satisfaction of the Manager — Compliance Enforcement.

Rule 10.2.8.1.2 Whitford Landfill Excavation of Cover Material Designation (Zone 2): Purposes

Subject to the conditions in Rule 10.2.8.1.2 the area shown as Zone 2 in Figure 10.2.1 may be used for the purposes of:

- mineral extraction other than topsoil complying with the provisions of Rule 10.2.8.1.2.1 except that mineral resources extracted from the designated site may not be transported off the designated site.

Rule 10.2.8.1.2.1 Conditions

a. Before commencing any operations the Landfill Operator shall furnish an Excavation Management Plan to the Council which shall include the following information in plan form and in explanatory material:

- i. Demarcation of the area to be excavated
- ii. Existing contours
- iii. Final contours including proposals for the coordination of final levels of adjoining land
- iv. Ultimate drainage of quarried lands
- v. An indication of the period over which quarrying will continue, and of staged development
- vi. Location of buildings and plant
- vii. Provision for the disposal and/or stockpiling of overburden, waste and excavated material, including the areas to be used for stockpiling
- viii. Areas for stockpiling of topsoil
- ix. Provision for screening unsightly features from public view and fencing dangerous or potentially dangerous features
- x. Description of methods to be employed to prevent contamination of air or natural water and to comply with the noise provisions of these conditions
- xi. Provision for the progressive restoration of the site such that the land will be left in a condition suitable for the establishment of those uses to which the land may subsequently be put
- xii. A landscape plan indicating the uses the excavated areas will be put to once the excavation has been completed.

b. The Excavation Management Plan and any amendments shall be subject to the approval of the Council and the ARC (in relation to matters required to be approved by ARC) in consultation with the Peer Review Panel referred to in Condition (j) of Rule 10.2.8.1.1 and when so approved shall be strictly adhered to at all times.

c. No excavation shall occur prior to an Archaeological Management Plan being approved by the Manager — Resource Consents and Compliance. The Archaeological Management Plan shall demonstrate that all necessary authorities under Historic Places Act 1993 have been granted by the Historic Places Trust.

d. No topsoil shall be disposed of by sale or otherwise permanently removed from the site except as may be

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specified in the Excavation Management Plan and approved by the Council.

e. No blasting shall occur on the site.

f. The excavated area and haul roads shall be wetted down on a regular basis during dry/windy conditions to the approval of the Council's Manager — Resource Consents and Compliance to mitigate any dust nuisance.

g. Noise conditions — The corrected noise level (L10) of any excavation operations as measured at or within the notional boundary of any rural dwelling outside the site shall not exceed the following limits:

Monday to Friday	7.00am-6.00pm	55 dBA
Saturday	7.30am-6.00pm	55 dBA
Sundays and all other times		45 dBA

i. The notional boundary shall be taken to be a line 20 metres from the facade of any existing dwelling or the legal boundary where this is closer to the dwelling.

ii. The noise levels shall be measured and assessed in accordance with the requirements of New Zealand Standards (NZS 6801: 1991 Measurement of Sound and NZS 6802:1991 Assessment of Environmental Sound)

iii. The noise shall be measured with a sound level meter complying with the International Standard IEC 651 (1979): Sound Level Meters, Type I.

Rule 10.2.8.1.3 Whitford Landfill Spray Irrigation Designation (Zone 3): Purposes

Subject to the conditions set out for each activity in Rule 10.2.8.1.3 the area shown as Zone 3 in Figure 10.2.1 may be used for the following purposes:

Rule 10.2.8.1.3.1 Conditions

a. The spray irrigation of treated leachate including the construction and operation of a leachate storage pond.

i. The above activities shall be carried out in accordance with Land Use Consent 1360 granted by Manukau City Council and the technical information and plans B11/134 held by the Council.

b. Stormwater management and the construction of treatment facilities, ponds and wetlands.

i. The above activities shall be carried out in compliance with resource consents granted by the ARC dated 5 December 1994 being Permit Nos. 939343, 939345, 939346, and 939348 -939357.

c. Mineral extraction

i. The above activities shall be carried out in compliance with the provisions of Rule 10.2.8.1.2.1

Rule 10.2.8.1.4 Conservation Covenant

There shall be no activities inconsistent with the Conservation Covenant within the area subject to a Conservation Covenant (indicated as "Bush Protection Area" on Figure 10.2.1).

After the Quarry operations and remedial works have ceased the Requiring Authority shall, to the satisfaction of the Manager — Compliance Enforcement, in the Conservation Covenant area implement the weed and pest-animal control programme that has been established and approved in accordance with the Quarry Notice of Requirement, subject to any additions and alterations inserted by the Manager — Compliance Enforcement.

Explanation:

In accordance with condition 2(d) of the Whitford Quarry Notice of Requirement a Conservation Covenant applies to the areas noted and identified as "Bush Protection Area" identified in Figure 10.2.1 in perpetuity to the effect that any native bush in that area shall not be damaged or destroyed ("the Conservation Covenant"). It is to be noted that the area to which the Conservation Covenant applies includes land designated as Landfill that is to be protected in order to mitigate the effects of the Quarry, not the effects of the Landfill.

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Rule 10.2.8.1.5 Management of Cultural Heritage

The Landfill Management Plan shall incorporate suitable measures for monitoring of and avoiding adverse effects on cultural heritage sites, including but not limited to:

- i. Measures to protect the pa site RI 1/333 to the southwest of the Whitford Quarry extension area from damage from landfilling activities and any encroachment of heavy machinery, in accordance with accepted archaeological practice.
- ii. Involvement of Ngai Tai Umupuia in the identification and management of cultural heritage sites
- iii. Ceasing work in the immediate vicinity if subsurface archaeological evidence is unearthed during construction (e.g. intact shell midden, hangi, storage pits relating to Māori occupation, or cobbled floors, brick or stone foundation, and rubbish pits relating to Maori occupation), and contacting the Manukau City Council, Historic Places Trust and tangata whenua so that appropriate action can be taken. This includes such persons being given an reasonable time to record and recover archaeological features discovered before work commences.
- iv. applying for an Authority to Modify under Section 11 of the Historic Places Act 1991, in addition to any required approval of the Manukau City Council, if modification of an archaeological site is necessary. (Note that this is a legal requirement).
- v. in the event of human remains being uncovered ceasing work in the immediate vicinity and contacting the tangata whenua, Historic Places Trust and NZ Police so that appropriate arrangements can be made.

Rule 10.2.8.1.6 Outline Plan for O'Brien Block

An outline plan for work in the O'Brien block (Part Allotment 35 DP 15031 CT 778/186) in terms of s176A of the Resource Management Act 1991 will be required prior to the commencement of work. The plan shall include but not be limited to information about the depth of excavations for cover material, a plan of the excavation, proposals for protecting slope stability adjacent to the pa site and the covenanted area.

Note:

That if excavation is proposed on the O'Brien Block, including to the east of the Hog Hill Stream, a resource consent will be needed from the Auckland Regional Council.

Rule 10.2.8.1.7 Coordination between the Quarry and The Landfill

Appropriate procedures shall be incorporated into the Landfill Management Plan to deal with coordination between the Quarry and the Landfill over issues including but not limited to, stormwater, noise and dust, and the Landfill Manager or other person responsible for the day to day operating of the Landfill, will be the first point of contact.

Rule 10.2.8.1.8 Height of Existing Water Tank Ridge

Landfill activities shall not lower the height of the existing water tank ridge / saddle immediately south of Contour Plan U (the area to be defined by a survey of the land undertaken in consultation with the owners of the property at 382 Ara Kotinga Road, Whitford, within 6 months of the designation being confirmed). Additional screen planting shall be undertaken along this saddle in consultation with the owner of the property at 382 Ara Kotinga Road, Whitford, within 24 months of the designation being confirmed.

Attachments

Figure 10.2.1 - Whitford Landfill Designation

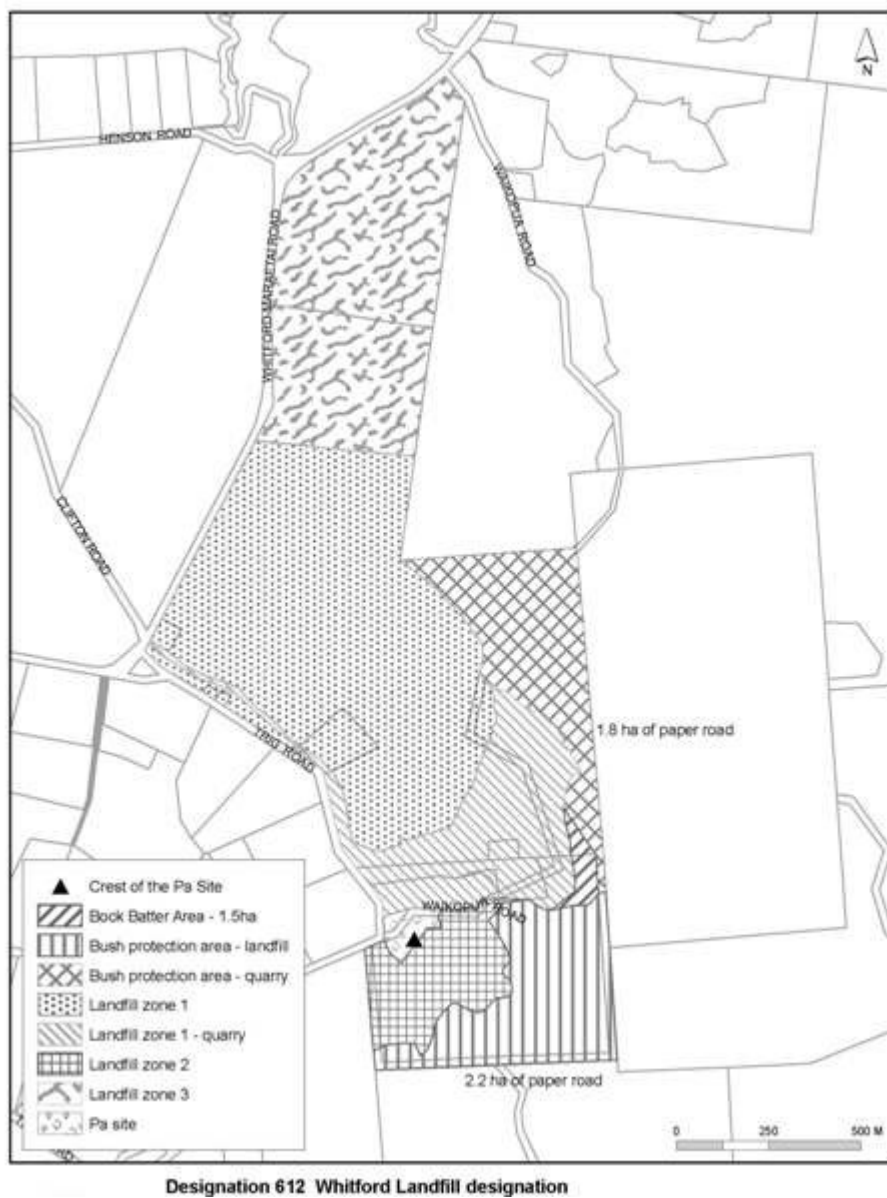


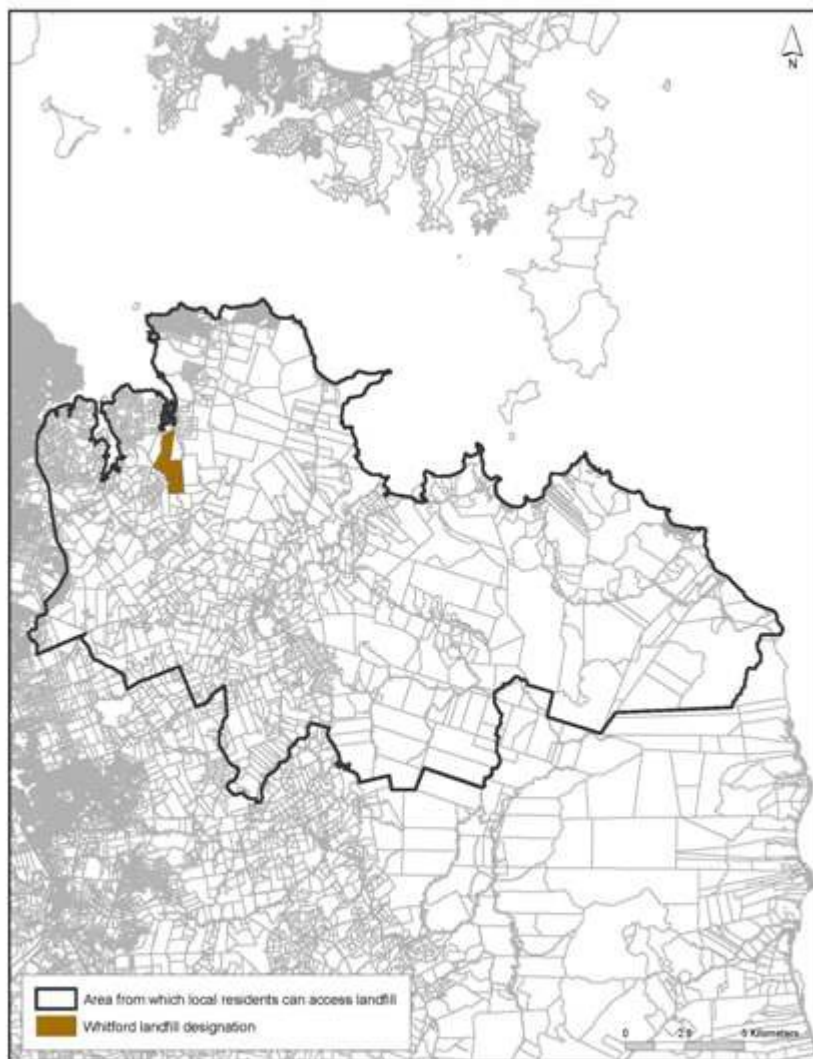
Figure 10.2.2 - Interim Footprint and Limits of Additional Refuse Disposal within the Landfill Designation Area



Designation 612 Whitford Landfill interim footprint and limits of additional refuse disposal within the landfill designation area

Figure 10.2.3 - Area from which Local Residents can Access Landfill

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Designation 612 Whitford Landfill area from which local residents can access landfill



Figure 10.2.5 - Whitford Landfill Final Contours



Designation 612 Whitford Landfill final contours

Figure 10.2.6 - Area to be Retained for Stacking of Vehicles

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Designation 612 Whitford Landfill area to be retained for stacking of vehicles



613 Ormiston Road Stormwater Management Area

Designation Number	613
Requiring Authority	Auckland Council
Location	128 Ormiston Road
Rollover Designation	Yes
Legacy Reference	Designation 306, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Stormwater Management Area for the purpose of protecting the performance of the stream and minimise the risk of flooding to properties.

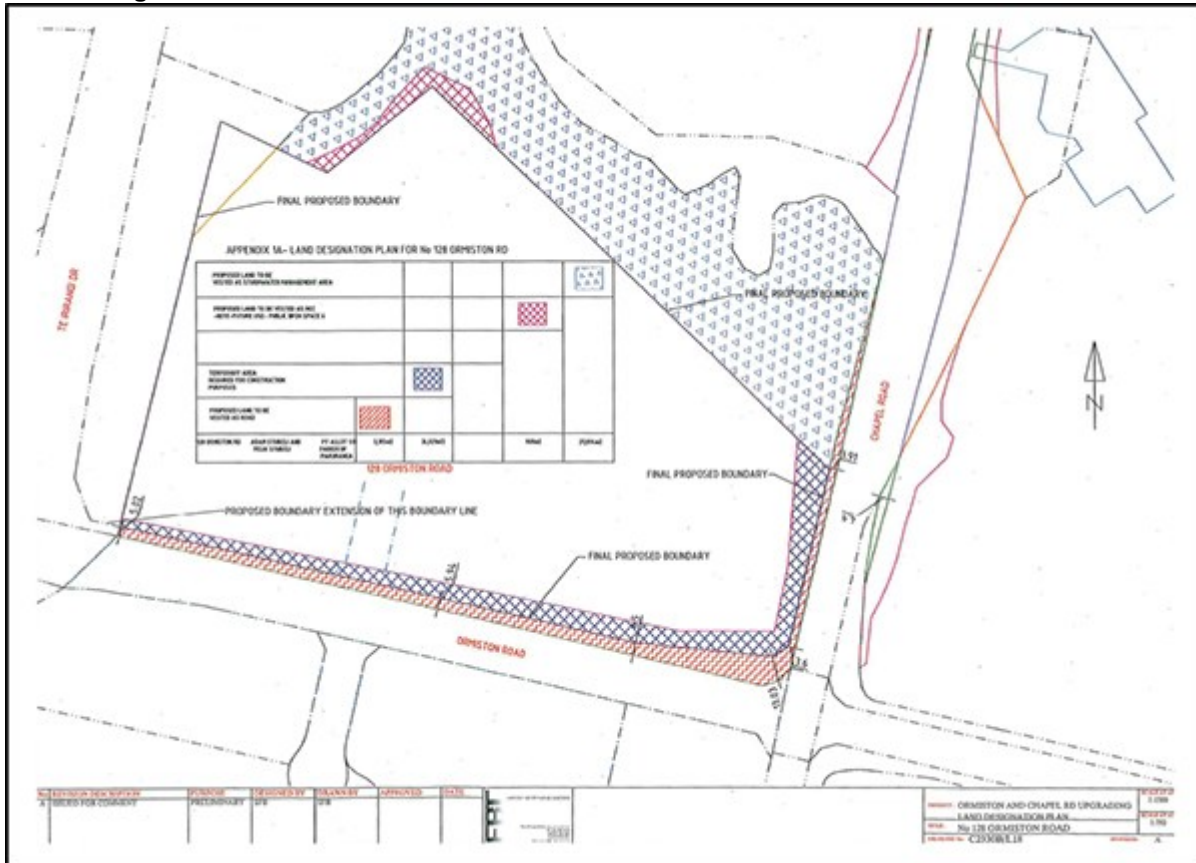
Conditions

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1. The scope and extent of the works envisaged within the designation shall be in accordance with the Notice of Requirement and the plans submitted with the Notice of Requirement (identified as Council reference Proposal 37431) and subject to any modification required to comply with the conditions set out below.
2. Land taken or held for the works shall be maintained to a reasonable standard until the physical works commence and for the duration of the construction works.

Attachments

Land Designation Plan



614 Hunua Road Rubbish Dump

Designation Number	614
Requiring Authority	Auckland Council
Location	109 Hunua Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 14, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Rubbish dump.

Conditions

No conditions.

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Attachments

No attachments.

615 Hunua Road Rubbish Dump

Designation Number	615
Requiring Authority	Auckland Council
Location	109 Hunua Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 15, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Rubbish dump.

Conditions

No conditions.

Attachments

No attachments.

616 Awhitu Regional Park

Designation Number	616
Requiring Authority	Auckland Council
Location	216 Brook Road, Waiuku
Rollover Designation	Yes
Legacy Designation	Designations 99 and 99A, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Regional park - for recreational use (including the ongoing operation and maintenance of trails and visitor infrastructure for informal outdoor recreation activities) and for the conservation of natural and cultural values.

Conditions

General

1. Any works are to be undertaken in accordance with either the approved Regional Parks Management Plan (2010) or any subsequent management plan.
2. Before any works, including new buildings, are undertaken an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Council unless the works are exempt, under

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Condition 3, from requiring an outline plan of works. The Outline Plan(s) of Works shall show those matters required by Section 176A of the Act and those matters specified in the following conditions (where relevant). All work shall be undertaken in accordance with the Outline Plan(s).

3. The following works will be exempt from an outline plan of works, except where the works involve a scheduled heritage place, pursuant to section 176A (2) of the Resource Management Act 1991:

Development and maintenance of park infrastructure		Nature of works
Tracks	Construction and maintenance of tracks and trails in a manner that prevents erosion and/or avoids sensitive natural and cultural features and sites	Construction and maintenance of tracks and trails up to 1.5m in width, including the construction of track structures, such as directional signs, information signs, safety barriers, foot-bridges, steps, board walks and rafts, and the maintenance of existing tracks involving: <ul style="list-style-type: none"> i. Water Tables and track drainage ii. Track surfaces iii. Track structures iv. Modification of vegetation up to 1m from the edge of the track
Buildings, structures and utility services, including drainage systems	Construction and maintenance of minor recreational structures and utility services	The construction of utility services and minor recreational structures, such as notice boards, information kiosks, signs, picnic tables, styles, entrance gates and shade shelters and toilet blocks up to 60m2 in area.
	Maintenance, repairs and minor alterations to buildings, structures and utility services	
Car parking and roads	Construction and maintenance identified in an approved management plan and minor alterations to existing car parks and roads	Works associated with approved car parking areas and access roads, including the modification of vegetation up to 1m from the edge of the car park or road, or within the car park for safety reasons
Farming, including farm woodlots	Construction and maintenance of farming structures and roads	Works associated with operating and maintaining existing farm operations, including management livestock fencing and the fencing of conservation and cultural heritage sites, and livestock management fences and structures, such as stockyards
Vegetation	Management of vegetation for specified reasons	Vegetation management involved in: <ul style="list-style-type: none"> i. Removal of non-native and non-scheduled plants ii. The development of approved works iii. The maintenance of view shafts identified in the Regional Parks Management Plan iv. Management of farm woodlots, including their harvest

Note:

This condition does not prevent the use of the land for the purpose of Regional Park.

Cultural / Heritage / Archaeological

4. Where any works or development involve the demolition of, or alterations or additions to a scheduled historic heritage place (item) an outline plan of works is required. The following shall be submitted with the outline plan of works:

a. An assessment of the effects on the historic heritage values of the place; and

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b. A consideration of alternative methods and/or appropriate mitigation to prevent or avoid damage, loss or destruction of the values of the historic heritage place

Note:

For the avoidance of doubt, this condition does not prevent the use of the land for park purposes, but is to conserve and protect the recognised natural and cultural values that significantly contribute to the park.

Exemptions:

Condition 4 will not apply in the following circumstances:

- i. In respect of buildings or structures, the redecoration, repair and/or insignificant alteration of any existing fabric or detailing carried out in a manner and design and with materials similar in appearance to those originally used, which does not detract from those features for which the place has been scheduled;
- ii. Any routine maintenance which does not destroy, compromise, damage or impair the heritage values of the scheduled place; or
- iii. Where there is a conservation plan or similar plan that has been prepared for the management of the scheduled historic heritage place and the proposed new works are in accordance with this conservation plan. The conservation plan or similar plan may be prepared as a document supplementing the approved Regional Parks Management Plan, prepared in terms of section 83 of the Local Government Act 2002, but must include an assessment of the historic heritage values of the place, relevant management policies and objectives, and a specific management plan and a monitoring regime.

Transport

4. An Integrated Transport Assessment shall be prepared and accompany any Outline Plan of Works which results in:

- a. Predicted vehicle movements to and from the park exceeding 100 vehicle movements per hour (excluding events).

The Integrated Transport Assessment (ITA) report shall be produced by a suitably qualified traffic engineer and/or transportation planner to the satisfaction of Auckland Transport, Manager of Road Corridor Operations. The ITA shall give particular consideration to the following matters:

- i. The effects on the surrounding public road network arising from parking usage, access, loading, traffic generation in the park, including addressing any real or potential road safety implications;
- ii. Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for including provision for cyclists and horse riding if appropriate);
- iii. Where passing bays are proposed on any road which is only wide enough for one way traffic; and
- iv. Public transport accessibility, including tourist buses and campervan, particularly onsite manoeuvring.

Parking and Access

5. The following works related to new roading and/or additional parking shall be constructed to the satisfaction of council:

- i. The first 20m of access from any sealed public road shall be appropriately sealed with all-weather dust free surface; and
- ii. Parking and loading areas immediately adjoining a public road shall be designed and constructed in accordance with AS/NZS 2890.1:2004 standards or any subsequent revisions.

Advice Notes

1. The Requiring Authority and operational staff are encouraged to seek advice from council's Heritage Unit prior to undertaking the exemptions to Condition 4 in order to confirm an outline plan is not required.

2. Work affecting both recorded and unrecorded pre-1900 archaeological sites (including surface and sub-surface marine and terrestrial deposits, building or structures) is subject to an authority under the Historic Places Act 1993. Any activity that may modify, damage or destroy an archaeological site requires an authority

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from the New Zealand Historic Places Trust (NZHPT) in order for the work to proceed lawfully. If an unrecorded archaeological site is discovered while undertaking work, work must cease and the NZHPT advised of the discovery. The NZHPT will inform the designating authority of the protocol, which may require obtaining a retrospective authority to modify. In addition to advising the NZHPT, Council's Heritage Unit shall be advised of the discovery.

3. Examples of evidence of archaeological sites include (but are not limited to) burnt and fire cracked stone, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials.

4. The Regional Park Management Plan is prepared in accordance with Section 83 of the Local Government Act 2002 and, where appropriate, Section 41 of the Reserves Act 1977. Public consultation is required at the time of preparing or amending a management plan or development plan for a Regional Park.

Attachments

No attachments.

617 Stock Pound

Designation Number	617
Requiring Authority	Auckland Council
Location	Buckland Road (Lot 1 DP 55095), Buckland
Rollover Designation	Yes
Legacy Designation	Designation 116, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Stock pound.

Conditions

No conditions.

Attachments

No attachments.

618 Clarks Beach Road Fire Station

Designation Number	618
Requiring Authority	Auckland Council
Location	460 Clarks Beach Road, Pukekohe
Rollover Designation	Yes
Legacy Designation	Designation 119, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Fire station.

Conditions

No conditions.

Attachments

No attachments.

619 Hosking Place Transfer Station

Designation Number	619
Requiring Authority	Auckland Council
Location	5 Hosking Place, Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 118, Franklin District Plan 2000
Lapse Date	Given effect to (i.e no lapse date)

Purpose

Depot and transfer station.

Conditions

No conditions.

Attachments

No attachments.

620 Whitford Quarry

Designation Number	620
Requiring Authority	Auckland Council
Location	401 Trig Road, Whitford
Rollover Designation	Yes
Legacy Reference	Designation 233, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Whitford Quarry.

Joint Landfill/Quarry Area — Explanatory Statement

As well as being used for landfill purposes, the Joint Landfill/Quarry Area is also used for the purpose of stockpiles, water reticulation and treatment systems, access for vehicles and minor buildings.

Conditions

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Introduction

I. Any reference in these conditions to a specified officer of the council includes an officer and/or a person authorised by the City Manager to act in the place of the specified officer, being an officer and/or a person having experience, professional competency and responsibility, as appropriate, in respect to the matters concerned.

II. Any reference in these conditions to the term "Quarry Operator" means the council in its capacity as Requiring Authority, and includes any person or body that is operating the quarry on behalf of the council, or as or on behalf of any successor to the council in its capacity as Requiring Authority or as quarry owner.

III. Point of Contact. The Landfill and Quarry operators have agreed to identify a single nominated person who shall be the key point of contact for members of the community and/or Council officers, to contact at all times during normal working hours. The initial point of contact will be the Landfill Site Manager, but may change from time to time following consultation between the Landfill and the Quarry operators and the community. The person shall be available during normal working hours and their name shall be made known through the regular Quarry and Landfill Community Committee meetings and to the Chairperson of the Whitford Residents and Ratepayers Association.

a. Quarry Management Plan (QMP)

I. The Whitford Quarry shall be operated in accordance with the latest version of the Whitford Quarry Management Plan as approved by the council. The Plan shall include the following information in plan form and in explanatory material and any other additional information requested by the Manager Southern Resource Consents and Compliance;

- i. Demarcation of areas to be excavated;
- ii. Areas to be used for the disposal and/or stockpiling of overburden, waste and excavated material, including areas to be used for stockpiling;
- iii. Areas for stockpiling of topsoil;
- iv. Location of built structures including buildings and crusher;
- v. Proposals for the co-ordination of final levels of adjoining land;
- vi. The ultimate drainage of quarried lands;
- vii. An indication of the period over which quarrying will continue, and of staged development;
- viii. An Operations Manual containing the following:
 - Management of air pollution
 - The Noise Management Plan (NMP)
 - Stormwater management
 - Leachate monitoring and management
 - Coordination procedures with the Landfill Site Manager in mitigating the above
 - Contingency plans
 - Emergency procedures
- ix. Reference as appropriate to:
 - Relevant parts of the Assessment of Environmental Effects dated 16 September 2005, noted by Council as P28899 and lodged in support of the Notice of Requirements with specific reference to Volume 3, Figure Q5 entitled 'Quarry Management Plan', noted by Council as 22293/206-FH05 and dated June 2005, which is to be attached to the Quarry Management Plan;
 - Relevant evidence lodged in support of the Notice of Requirement at the Commissioners Joint Hearing in February and March 2006, and the Quarry Management Plan dated 5 December 2000 as appropriate.
- x. Specific reference to the need for good quarrying practice to minimise visual impact.
- xi. A section addressing monitoring, that will include all records, analysis and reporting requirements, including reporting to the Whitford Quarry Community Committee;
- xii. Specific reference to the seeding of the overburden batter areas as proposed through the evidence lodged in support of the Notice of Requirement.
- xiii. Copies of the resource consents relevant to the quarry operations, with specific reference to the consent

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conditions in each relevant section of the Quarry Management Plan;

xiv. A section addressing quarry management, that will specify the roles of staff employed at the site;

xv. Separate and identifiable sections addressing rehabilitation and slope stability, with specific reference to conditions 2(o) and (t) of this Designation;

xvi. Reference to other legislation and statutory approvals relevant to the environmental compliance of operations at the site.

xvii. A requirement for:

- The Requiring Authority to identify its quarry boundaries with identifiable markers and monitor these on a six monthly basis to ensure quarrying operations do not go beyond those boundaries;
- A plan to be attached to the Quarry Management Plan to clearly show the quarry boundaries;

xviii. A section addressing erosion and sedimentation management.

The Quarry Management Plan shall also record the following:

a. That in order to further mitigate the effects of traffic on the environment, the Requiring Authority, in consultation with the Landfill Site Manager and the Quarry Operator, shall use its best endeavours to utilise the empty quarry trucks travelling to the site for the transportation of cover material, in order to minimise the total number of heavy vehicles travelling on Whitford Roads. The Requiring Authority shall inform the Whitford Quarry Community Committee every 6 months on the actions it has taken to achieve this objective. These details will be included within the Quarry Management Plan;

b That all trucks shall enter and leave the Quarry site via the joint Quarry/Landfill access road. The upper Quarry track to Trig Road shall be secured by a locked gate and shall be used in emergencies only. The gate shall be fitted with a notice to the satisfaction of the Manager Southern Resource Consents and Compliance bearing the words "Quarry — Emergency Use Only" or words to like effect;

c. That any native bush contained within the areas of unformed road identified on Figure 5.9 attached to this designation will not be damaged or destroyed unless such damage or destruction is necessary to facilitate the formation of the road.

The QMP shall be submitted by the Requiring Authority to the Manager Southern Resource Consents and Compliance for approval. The approved QMP, subject to any additions and alterations inserted by the Manager Southern Resource Consents and Compliance, shall be implemented by the Requiring Authority to the satisfaction of the Manager Southern Resource Consents and Compliance.

II. The Quarry Management Plan shall be reviewed every 5 years from the date the designation is confirmed, except that this may be postponed by the Manager Southern Resource Consents and Compliance where the QMP has been subject to a requirement or a plan change or District Plan review within the previous 5 years.

III. Amendments shall also be made to the QMP from time to time to incorporate:

i. Requirements of the Council to ensure more effective monitoring of the quarry operation and compliance with these conditions.

ii. Requirements of the Council (regional consents) in relation to matters it is required to approve by legislation.

iii. Changes sought by the Quarry Operator to give better effect to these conditions which have the approval of the Council where appropriate.

vi. The requirements of any applicable legislative enactment.

IV. The Quarry Operator shall, when seeking approval to make changes to the QMP, provide details of the consultation it has undertaken with the Quarry Community Committee. The consultation shall be to the satisfaction of the Manager Southern Resource Consents and Compliance before approval is given to any changes to the QMP.

V. Upon completion of any amendments to the QMP, copies shall be provided to the Manager — Resource Consents and Compliance, the ARC, the chair of the Quarry Community Committee and the chair of the Whitford Residents and Ratepayers Association.

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b. Site Rehabilitation

Upon the completion of any stage of the Quarry development, the Requiring Authority shall undertake rehabilitation planting in accordance with condition (o) and shall implement an adequate erosion standard as confirmed by the Requiring Authority's ecologist/arborist. These works shall be carried out within the planting season immediately following the cessation of the quarrying activities.

c. Co-ordination between the Quarry and the Landfill

i. Stormwater Run-off

All construction and excavation activity shall be undertaken in a manner that ensures stormwater run-off from any activity within the Quarry drains into an approved stormwater management system controlled by the Landfill Operator.

The Requiring Authority shall establish procedures, to be contained in the Combined Operations Agreement or other similar document, that in the event of any unplanned discharge of sediment, the Quarry Operator shall immediately contact the Landfill Site Manager and together they shall take effective action to ensure sediment flow into the Waikopua Estuary complies with the relevant Auckland Regional Council Permits granted for the Whitford Quarry and the Whitford Landfill. The action taken and its effectiveness (including any monitoring) shall be promptly communicated to the Manager Southern Resource Consents and Compliance and the Chairperson of the Whitford Quarry Community Committee.

ii. Noise and Air Pollution

The Requiring Authority shall establish procedures, to be contained in the Combined Operations Agreement or other similar document, that in achieving compliance with the noise and air pollution controls, the Quarry Operator shall, where necessary, ensure co-ordination with any actions undertaken by the Landfill Site Manager.

d. Conservation Covenant

The Requiring Authority shall take immediate steps to covenant the areas notated and identified as "Bush Protection Area" identified on Figure 5.9 attached to this designation in perpetuity to the effect that it shall not damage or destroy any native bush in that area ("the Conservation Covenant").

In so far as the areas notated and identified as "Bush Protection Area" in Figure 5.9 include land that is unformed road, the covenant shall only apply to that unformed road as and from any point in time at which that road is stopped, provided that this condition shall not impose any obligation on the Requiring Authority or the Council to stop the road. The Covenant so entered into by the Requiring Authority shall be registered as an encumbrance on the title to the land so as to run with the land in perpetuity and bind successive owners. The encumbrance shall be prepared by the Council's solicitors and the reasonable expense thereof shall be met by the Requiring Authority.

The 'Bush Protection Area' to the south of the above parcel of land is covered by a similar condition applying to the Landfill designation and is identified as 'Bush Protection Area/Landfill Zone 2' on Figure 5.9 attached.

The boundaries of the Conservation Covenant shall be determined by survey and to the satisfaction of, the Manager Southern Resource Consents and Compliance and shall be finalised in general accordance with, but having no less an area than that depicted on Figure 5.9. Notwithstanding the Quarry designation over part of the area identified as 'Bush Protection Area' on Figure 5.9 attached to this designation, the Requiring Authority shall not damage or destroy any native bush contained within those areas.

On Figure 5.9, some 1.5 ha. of land is outlined as 'Back-Batter' area. When this area has been excavated and replanted in accordance with Condition (o), the Requiring Authority shall enter into a binding Conservation Covenant prepared in accordance with the provisions specified above in order to protect the bush.

e. Tonnage and Access

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To mitigate the effects of traffic on the environment, the maximum quantity of rock transported from the Whitford Quarry onto Whitford–Maraetai Road shall be limited to 500,000 tonnes per year averaged over any five year period. Trucks operating from the Quarry shall be restricted to a maximum of two hundred (200) trucks per day and a 6 monthly average of one hundred (100) trucks per day. The Quarry operator shall maintain a register on site showing the daily tonnage and number of trucks with the register being open for inspection by Council officers during the hours of operation.

The access road shall be located within the Joint Landfill/Quarry Area outlined on Figure 5.9. The existing sealed access road shall be maintained at all times to minimise the potential of body rattle due to uneven road surfaces. The access road shall be inspected on a six monthly basis as part of the detailed quarry walkover with an engineer who shall report to the Quarry Community Committee on the works (if any) that maybe necessary to minimise the potential for body rattle. The works shall be undertaken by the Quarry Operator in an expeditious manner and to the satisfaction of the Manager Southern Resource Consents and Compliance.

f. Noise from Blasting

i. The noise created by the use of explosives shall not exceed either a peak overall sound pressure level of 128dB (i.e a peak pressure of 0.05 kPa above atmospheric pressure) or alternatively, a peak sound pressure level of 122 dBC. The measurement shall be taken in either case at or within the notional boundary of the nearest affected occupied building existing at the time of public notification of the former Manukau City District Plan in 1995 and excluding any building used and occupied as part of a minerals extraction operation.

ii. All blasting shall be restricted to between 7.00am and 5.00pm (0700–1700), Monday to Friday inclusive, and between 7.30am and 5.00pm (0730–1700) on Saturdays except in emergencies.

g. Vibration

Vibration levels within the notional boundary of any dwelling on land zoned Rural existing as at the date the designation is confirmed, other than those properties owned or used by Auckland Council, shall comply with the recommended criteria given in ISO 2631:1989 and DIN 4150, provided that these levels are not exceeded more than 5% of the total number of blasts over a period of 12 months and do not exceed 10 mm/s at any time.

The Quarry operator shall undertake vibration and air overpressure measurements as the Council may from time to time require and maintain and make available for inspection such records of measurements as may have been made to ascertain compliance with the above controls. The frequency of blast monitoring, monitoring location(s), monitoring equipment and records of information shall be undertaken in accordance with the Quarry Management Plan.

h. Noise

i. The following noise requirements shall apply to the quarrying activities at all times:

The noise level (L10) as measured within the notional boundary of any rural dwelling shall not exceed the following limits:

Monday to Friday between the hours of 0700–1800 and Saturday between the hours of 0730–1800	55 dBA
At all other times including Sundays and public holidays	45 dBA

- The noise levels shall be measured in accordance with the requirements of NZS 6801:1991 Methods of Measuring Noise and assessed in accordance with NZS 6802:1991 Assessment of Noise in the Environment.
- The noise shall be measured with a sound level meter complying with the International Standard IEC 651(1979): Sound Level Meters Type I.

Note:

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The notional boundary is a line 20m from the facade of any rural dwelling, or the legal boundary where this is closer to the dwelling.

ii. The Quarry Operator shall implement the Noise Management Plan ("NMP") dated May 2003 for the purpose of minimising noise adversely affecting any rural dwellings which may arise from the day to day operation of the quarry in terms of section 16 of the Resource Management Act 1991. A copy of the NMP shall be retained at the quarry and the Manager Southern Resource Consents and Compliance and the chair of the Quarry Community Committee shall each be provided with a copy by the Quarry Operator.

iii. The NMP shall be reviewed by the Quarry Operator annually or when significant changes to the management of the quarry are proposed which warrant its review.

During any review the Quarry Operator shall consult with the Quarry Community Committee and the Manager Southern Resource Consents and Compliance about the review and any proposed consequential amendments to the NMP. Upon completion of any such review, the Manager Southern Resource Consents and Compliance and the chair of the Quarry Community Committee shall each be provided with an updated copy of the NMP by the Quarry Operator.

vi. The NMP shall record that:

- i. the NMP applies in respect of quarry activities authorised by Designation 620 in the Auckland Council Unitary Plan;
- ii. the parties to RMA 1566/98 acknowledge that the NMP and these conditions relating to the NMP should not be used as a precedent in respect of any other situation or land use authorisation.

v. The Quarry Operator shall maintain and keep a register of all complaints received about quarry noise. The register shall, where practical, record the following information:

- Time and date of complaint;
- Nature of complaint;
- If practical, resulting noise level;
- Action taken;
- Weather conditions at time of complaint; and
- If there was any follow up with person complaining.

The Quarry Operator shall provide copies of the entries in the register to the Manager Southern Resource Consents and Compliance forthwith upon request.

vi. Following receipt by the Council of any complaint, which in the opinion of the Manager Southern Resource Consents and Compliance may be justified, the Quarry Operator shall, if directed in writing by the Manager Southern Resource Consents and Compliance, commission a suitably trained person to undertake sufficient monitoring to demonstrate whether or not there is compliance with the above noise levels and/or the NMP; and outlining any reduction measures or remedial work that may be required to ensure compliance. Such a report shall be provided within 14 days of a request by the Council weather permitting, or within such further time as the Manager Southern Resource Consents and Compliance may approve in writing.

i. Hours of Operation

The hours of operation for the quarrying activity shall be as follows:

Hours of work:	0700–1800	Monday to Friday
	0700–1700	Saturday
	0730–1700	Sunday (emergencies only)
Hours of load-out:	0700–1800	Monday to Friday

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	0700–1700	Saturday
	0730–1500	Sunday (emergencies only)

The quarry may load out to 21:00 hours Monday to Saturday up to 20 days per annum. Each such occurrence shall be reported to the Quarry Community Committee. Where it is intended to load out up to 21:00 hours every effort should be undertaken to advise representatives of the community, eg the Whitford Residents & Ratepayers Association of the extended hours of the load-out. Administrative functions and equipment maintenance may commence at 6.30am Monday to Saturday.

For the purpose of this condition "load-out" means the loading of trucks with quarried material and the subsequent departure of those trucks from the quarry.

j. Community Committee

The Quarry Operator shall:

- i. Consult with tangata whenua, representatives of local residents (Including the Whitford Residents and Ratepayers Association) and industry representative to facilitate the establishment of a Community Committee (or a Joint Committee for the Quarry and Whitford Landfill) as soon as practicable comprising up to five representatives of those groups, a representative of the Quarry Operator and up to two representatives of the Council.
- ii. Ensure, as far as practicable, that those living in close proximity to the landfill and those living in the broader Whitford Community are represented on the Committee.
- iii. Discuss matters relevant to the quarry including, but without limitation, concerns and complaints of residents and aspects of non compliance and ways of alleviating them.
- iv. Disseminate information to the Committee about the quarry and about any future proposals for the quarry.
- v. Ensure its representative attends meetings of the Committee which should be held on a quarterly basis or more frequently if requested by the Council's Manager Southern Resource Consents and Compliance.
- vi. Ensure its representative attend any mediation held at the request of the Councils representative in the event of disagreement between the Quarry Operator and members of the Committee over matters relating to the quarry.

k. Miscellaneous

The Quarry Operator must obtain all necessary permission from the appropriate controlling authorities for all works associated with the development not covered by the designation.

l. Topsoil

No topsoil shall be disposed of by sale or otherwise permanently removed from the site except as may be specified in the Quarry Management Plan and approved by the Council.

m. Discharges to Air

(Refer to ARC Consent No. 30897)

n. Depth of Quarrying

The quarrying activity within the designated area shall not extend below the RL45 level.

o. Ecological Mitigation of the Quarry Extension and the Back-Batter Area

Prior to the clearance of vegetation within the additional 3.6ha of land designated for quarrying area or within 6 months of the designation being confirmed, whichever occurs first, an ecological mitigation plan shall be prepared by suitably qualified and experienced ecologists and submitted by the Requiring Authority to the Manager Southern Resource Consents and Compliance. The approved plan, subject to any additions and alterations inserted by the Manager, shall be implemented by the Requiring Authority to the satisfaction of the Manager Southern Resource Consents and Compliance.

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Measures addressed by the plan shall include, but not be limited to:

- i. A comprehensive survey of the wildlife in the habitat.
- ii. The preparation of a revegetation plan in order to establish adequate growing conditions for the replacement planting of suitable native species on the 1.5ha "back batter" area as illustrated on Figure 5.9. The revegetation of the back batter area is to include enrichment planting of a mix of taraire and puriri saplings numbering no less than 160 individual trees to partly mitigate for the loss of a similar number of mature food trees associated with the quarry expansion.
- iii. The preparation of a planting programme outlining the number and location of plants to be established on year by year basis and the implementation of a maintenance regime.
- iv. Undertake all vegetation alteration and clearance in accordance with accepted arboricultural practise and with suitable expert supervision. When undertaking the vegetation clearance, the stumps and leaf litter shall be left in situ. The cleared areas shall be covered with the mulched material sourced from the cleared tea-tree. Following this site preparation, specific areas can then be excavated of their overburden.
- v. Undertake the proposed vegetation clearance outside of the Kereru breeding season.
- vi. As far as practicable undertake excavation of the overburden outside of the kereru breeding season in order to reduce noise disturbance on nesting pairs.
- vii. A lizard salvage operation shall be undertaken, under the supervision of a suitably qualified herpetologist prior to the vegetation clearance with the release being into the adjoining forest area. Following the lizard rescue, the mature trees within the quarry extension footprint can be felled so that any uncaptured lizards can escape into the surrounding vegetation. The felled trees shall be left for at least two days prior to mulching or removal. A summary of the lizard salvage report, listing species numbers and locations, shall be forwarded to the Auckland Council and the Biodiversity team - Environmental Services.
- viii. Prior to any such overburden excavation, the top-soil (and composting mulch) in these areas shall be harvested and stored for subsequent use in the revegetation plantings.
- ix. Revegetate all newly created edges with a dense planting of hardy pioneer species. Use the existing shrubby edges as a guide regarding which species to use in this exercise. Maintain these edges for the duration of the quarry, including weed control and replacement of mortalities.
- x. Revegetate the completed back-batter slope with indigenous vegetation as soon as the finished slopes become available. Following establishment of a nursery crop of hardy pioneer species on this back-batter, undertake enrichment planting here, which shall include a mixture of taraire and puriri saplings numbering not less than 160 individual trees
- xi. Construct a low wind fence along the newly created bush edges in order to provide medium-term protection to the habitat interior. A fence with a minimum height of 1.5m shall be provided, reinforced by the planting of fast-growing native shrubs (such as kanuka, mapou and kohuhu) with a mixture of species such as totara to serve as long-term wind protection.
- xii. The Quarry Operator shall plant and the Requiring Authority shall maintain and use its best endeavours to ensure the growth of approximately 1.2 hectares of additional native bush within the area identified as 'Bush Protection Area/Landfill Zone 2' on Figure 5.9, for the purpose of providing an additional food source to the native wood pigeon/kereru (*Hemiphaga novaseelandiae novaseelandiae*). The selection of the plant species, the planting plan and maintenance arrangements will be developed in consultation with the Whitford Quarry Community Committee.

p. Weed and Pest Control Programme — Designated Land and Conservation Covenant

A weed and pest — animal control programme, for both the land designated 'Quarry' and the areas subject to the Conservation Covenant (refer to Condition (d)) shall be submitted by the Requiring Authority to the Manager Southern Resource Consents and Compliance for approval. The approved plan, subject to any additions and alterations inserted by the Manager, shall be implemented by the Requiring Authority to the satisfaction of the Manager Southern Resource Consents and Compliance.

The weed and pest control programme shall include:

- i. A programme that has targets aligned with the council's biosecurity targets This shall include weed control operations on the newly created margins of bush on at least four occasions per year, and an annual pest and

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predator control operation targeting possums, mustelids, rodents and feral cats.

ii. Controlling and maintaining possum levels to below 5% Residual Trap Catch (RTC) within the proposed covenants areas and liaise with the council's Biosecurity section, regarding the most effective methods of pest control,

iii. Eradicate pest plants, as defined and listed in the ARC's (2002) Auckland Regional Pest Management Strategy 2002–2007, including environmental weeds.

iv. Eradicating or excluding goats and stock from within the proposed covenant areas

v. Liaise with the other landowners of the Waikopua Bush (and DOC and Auckland Council bio-security) and attempt to include the entire Waikopua Bush in the weed, pest and predator control operations.

vi. The preparation and implementation of a monitoring programme by suitably qualified and experienced ecologists to assess the implementation of the mitigation works and of the effectiveness of the proposed treatments along the newly created forest margins in terms of minimising the intrusion of edge effects;

vii. Monitor the effectiveness of the weed and pest control programme, including:

- The success of the revegetation of the finished back-batter;
- The success of the weed control and pest-animal control programmes;
- Any effects of the quarry extension on the immediately adjacent bush blocks in terms of water-related stress;
- Any effects of the quarry extension on the immediately adjacent bush blocks in terms of dust-related stress;
- Any effects of the quarry extension on the biota and values of the streams in both the Claude Stream and Hog Hill catchments.

q. Stabilisation of Cultural Heritage Sites

Prior to any earthworks or construction activity within the zone of instability (a 100m radius from the crest of the pa site as delineated on Figure 5.9), or within 6 months of the designation being confirmed, whichever occurs first, the Requiring Authority shall undertake a geotechnical and archaeological investigation of the zone of instability. The investigation shall be undertaken in accordance with the letter from Riley Consultants dated 11 November 2005, in order to determine the remedial measures required to ensure the stabilisation of the pa site and the adjacent land (when used for its intended purpose). The required stabilisation works shall be implemented prior to any earthworks or construction activity commencing in the area identified as being within the zone of instability. The remedial works shall be undertaken to the satisfaction of the Manager — Resource Consents and Compliance,

r. Protection of Cultural Heritage Items

The Quarry Management Plan shall incorporate suitable measures for monitoring and avoiding adverse effects on cultural heritage items, including but not limited to the following:

- i. The protection of the pa site RI I/333 to the southwest of the quarry extension area in accordance with accepted archaeological practice and which is to be protected from damage by quarrying activities and any encroachment of heavy machinery.
- ii. The quarry expansion area shall be field checked for archaeological evidence after vegetation clearance and prior to earthworks.
- iii. The Involvement of Ngai Tai Umupuia in the identification and management of cultural heritage sites.
- iv. If subsurface archaeological evidence should be unearthed during construction (e.g. intact shell midden, hangi, storage pits relating to Māori occupation, or cobbled floors, brick or stone foundation, and rubbish pits relating to 19th century European occupation), work should cease in the immediate vicinity of the remains and the council, Historic Places Trust and tangata whenua should be contacted so that appropriate action can be taken. This includes such persons being given a reasonable time to record and recover archaeological features discovered before work may commence.
- v. If modification of an archaeological site is necessary, an Authority to Modify must be applied for under Section 11 of the Historic Places Act 1993 in addition to any required approval of the council.
- vi. In the event of human remains being uncovered, work shall cease in the immediate vicinity and the tangata whenua, Historic Places Trust and NZ Police should be contacted so that appropriate arrangements can be made.

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s. Annual Survey of Face and Batter Slope Stability

An annual review of face stability shall be undertaken by an engineering geologist to assess defect aspects, and the safety of geological conditions against the model used by Riley Consultants Ltd in their report dated 27 July 2005 and contained in Technical Appendix 2 of Volume Two of the Requirement.

t. Landscape Mitigation

i. Quarry activities shall not lower the height of the existing water tank ridge/saddle (that are to be defined by a survey of the land undertaken in consultation with the owners of the property at 382 Ara Kotinga Rd, Whitford), south of the new stockpile area.

ii. Additional screen planting shall be undertaken to the west of the new stockpile area. Planting shall be undertaken in consultation with the Whitford Quarry Committee within 24 months of this designation being confirmed.

u. Expert Advisory Fund

The Requiring Authority shall pay for the Whitford Quarry Community Committee to engage technical experts to review technical documents and report back to the Committee, to a maximum sum of \$10,000 (CPI adjusted) in any one calendar year.

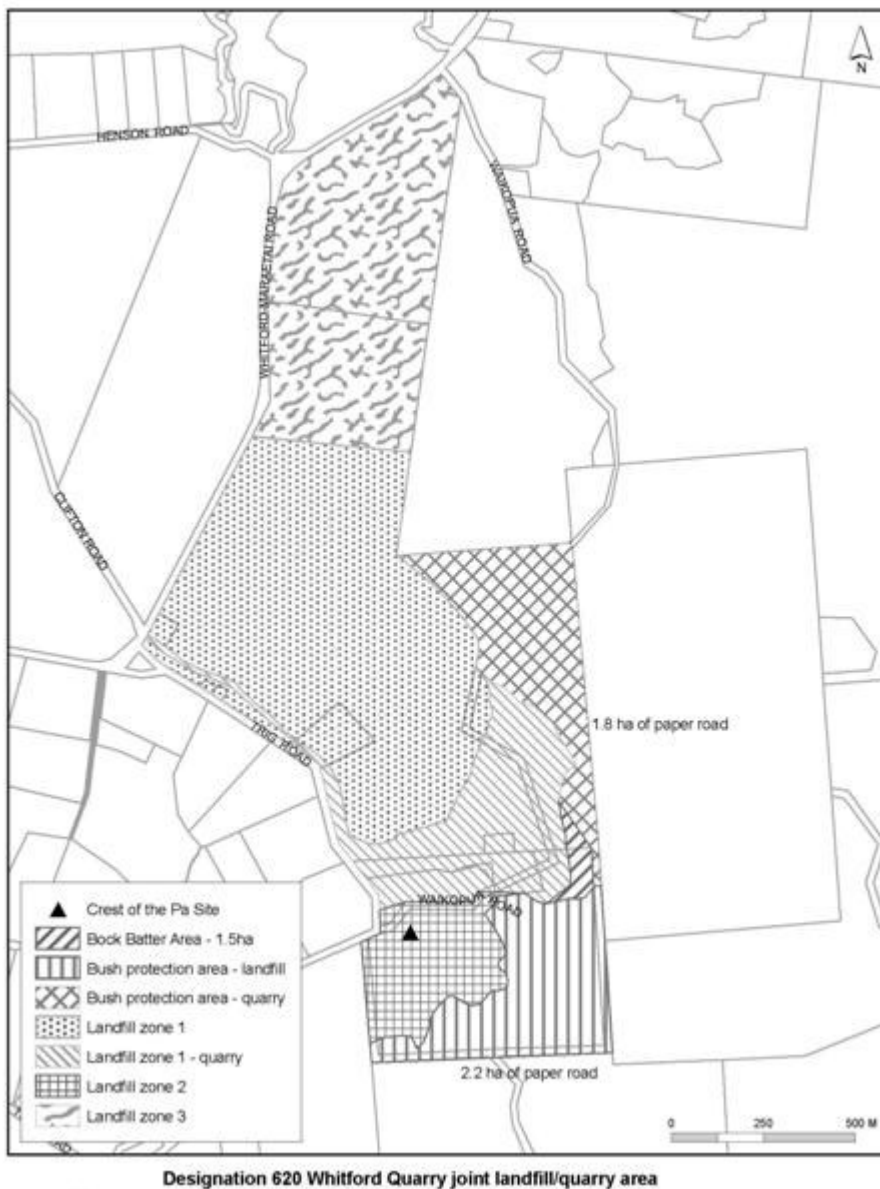
v. Supply of Cover Material

Wherever practicable, cover material shall be supplied to the Whitford Landfill by utilising empty quarry trucks. Details regarding volumes of cover material supplied to the landfill shall be reported to the Whitford Quarry Community Committee on a quarterly basis. For the avoidance of doubt, the truck movements referred to in this condition will be counted as quarry truck movements.

Attachments

Figure 5.9 - Whitford Quarry Joint Landfill / Quarry Area

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621 Bells Road Parks Depot

Designation Number	621
Requiring Authority	Auckland Council
Location	2R Bells Road, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 227, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Depot.

Conditions

1. Any works are to be undertaken in accordance with section 4.2.1.2 Parking, loading and access of the

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Unitary Plan.

2. Before any works, including new buildings, are undertaken an outline plan of works shall be submitted to Council as per the requirements of section 176A of the Resource Management Act 1991. The outline plan of works shall show those matters required by section 176A. All works shall be undertaken in accordance with the outline plan.

Attachments

No attachments.

622 Popes Road Stormwater Pond

Designation Number	622
Requiring Authority	Auckland Council
Location	2 and 22 Popes Road, Takanini
Rollover Designation	Yes
Legacy Reference	Designation 47, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Construction, operation and maintenance of a stormwater pond to provide stormwater treatment and disposal.

Conditions

General

1. Any development or redevelopment authorised by this designation is subject to the Outline Plan of Works requirements in section 176A of the Resource Management Act 1991 and shall be carried out in accordance with the conditions of this designation and recommendations in the subsequent Outline Plan of Works.
2. The works to give effect to the designation shall be generally in accordance with the plans and information submitted by the Requiring Authority in support of the Notice of Requirement for construction, operation and maintenance of a stormwater management pond including:
 - a. Designation Plan "Proposed Designation Plan" prepared by Hosken Associates, dated 29/07/09;
 - b. Sub-catchment Plan "Plan of Sub-catchments and Existing Stormwater Drainage" prepared by Fraser Thomas, undated;
 - c. Infrastructure Report "Takanini Structure Plan Area 6 Limited, Infrastructure Report – Plan Change Copy, Private Plan Change Proposal for Takanini Areas 6A and 6B of the Papakura District Plan", prepared by Fraser Thomas, dated March 2009; and
 - d. Geotechnical Report "Proposed Stormwater Pond at Area 6A and 6B Takanini", prepared by Coffey Geotechnics, dated August 2008.
3. The spatial extent of the designation shall be in accordance with the area shown on the designation plan submitted with the Notice of Requirement entitled *Proposed Designation Plan* by Hosken Associates, dated 29/07/09 and shall be illustrated on the planning maps. Upon survey of the site for land purchase, the spatial extent of the designation shall be accurately defined. If the spatial extent of the designation differs, if necessary, the provisions of Section 181 of the Resource Management Act 1991 will apply.
4. In addition to the information required to be provided pursuant to Section 176A of the Resource Management Act 1991, the Requiring Authority shall provide detailed design of the stormwater management pond with the application for the Outline Plan of Works for the development that includes:

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- a. The provision of extended detention and stormwater attenuation for the 50% AEP event, including the provision of peak flow control and discharge to the Papakura Stream for the full range of operating levels in the pond and the range of stream levels within the Papakura Stream to ensure that erosion effects on the Papakura Stream are eliminated or minimised;
- b. An assessment of the effects of discharge from the pond from high intensity storm events, where the base flow in the Papakura Stream is relatively low;
- c. Details of a mechanism or shut off valve system to be installed at the outlet that can be manually activated in the event of a spillage of contaminants within the contributing catchment;
- d. Design of the associated overland flow paths and stormwater network leading to the pond to establish any critical levels on incoming pipes that have a potential impact on pond operational levels;
- e. Details showing that the design of the pond outfall does not interfere with the proposed Watercare watermain to be constructed within the immediate stream banks of the Papakura Stream and that this shall not affect the operating levels of the pond;
- f. Details showing that the water level in the stormwater management pond allows drainage into the Papakura Stream without the need for pumping and allows stormwater from the contributing catchment to drain into the stormwater management pond without causing suspended materials to settle in the stormwater pipes; and
- g. An assessment demonstrating how the design incorporates the Ministry of the Environment guideline recommendations for climate change to year 2090.

5. At the completion of works for the construction of the stormwater management pond, the Requiring Authority shall provide as-built plans to the Auckland Council for approval by the Team Leader Resource Consents: Southern Resource Consenting and Compliance. The as-built plans shall include (but are not limited to):

- a. The surveyed location (to the nearest 0.1m) and level (to the nearest 0.01m) of the treatment devices, with co-ordinates expressed in terms of the New Zealand Map Grid and LINZ datum;
- b. Documentation of any discrepancies between the design plans and the as-built plans;
- c. The location, dimensions and levels (including cross sections and long sections) of the associated major overland flow paths; and
- d. Plans and cross sections of all stormwater management devices, including confirmation of the water quality volume, storage volumes and levels of any outflow control structure. The plans and cross sections shall provide sufficient details of the stormwater management devices to enable them to be compared to the design plans.

Earthworks

6. In addition to the information required to be provided pursuant to section 176A of the RMA, the Requiring Authority shall provide the following information with the application for the Outline Plan of Works for the development of the stormwater management pond to address earthworks:

- a. Confirmation of the location for stockpiling and disposal of excess fill and appropriate erosion and sediment controls to control runoff and mitigate and prevent soil erosion and sediment loss from stockpiling the excess fill;
- b. Conceptual erosion and sediment control plans and methodologies to control runoff, mitigate and prevent soil erosion and sediment loss; and
- c. A comprehensive dust management and mitigation plan to minimise dust generation and dispersal.

Noise

7. Noise from construction activity shall not exceed the limits recommended in, and shall be measured and assessed in accordance with, New Zealand Standard NZS 6803: "Acoustics- Construction Noise".

Traffic

8. The temporary vehicle access shall be constructed in accordance with the layout shown on the designation plan submitted with the Notice of Requirement entitled *Proposed Designation Plan* by Hosken Associates, dated 29/07/09, and the engineering and construction standards set out in the relevant Auckland Council District Plan and Development Code.

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9. The temporary vehicle access shall be removed when the internal road network is constructed.

10. In addition to the information required to be provided pursuant to Section 176A of the Resource Management Act 1991, the Requiring Authority shall provide a Traffic Management Plan to the Auckland Council Team Leader Resource Consents: Southern Resource Consenting and Compliance for construction traffic associated with the development of the stormwater management pond. The Traffic Management Plan shall include (but is not limited to) methods for managing the effects of construction traffic to and within the site and shall include information regarding the frequency, number of movements and proposed routes.

Landscaping

11. Landscaping of the pond edges and requirement area shall be provided. A detailed landscape management plan showing details of plant species, spacing and planting program shall be submitted with the application for the Outline Plan of Works for the development of the stormwater management pond. The landscape management plan shall be to the satisfaction of the Auckland Council and shall:

- a. Be in general accordance with the Takanini Sub-precinct 1 - Landscape Concept Overlay Plan, Existing Vegetation Plan, Takanini Structure Plan Area 6 (or equivalent Unitary Plan provision);
- b. Be in general accordance with recommendations 6 and 12 of the Cultural Values Assessment, Prepared by Te Roopu Kaitiaki O Papakura, dated December 2007.
- c. Include provisions and methods to ensure landscaping works do not interfere with overland flow paths.

12. The Landscape Management Plan shall be implemented within the first planting season following the completion of works on the site, or the operation of the stormwater management pond, whichever is sooner.

Maintenance and Monitoring

13. An Operational Maintenance Manual shall be prepared for the designation area and shall be submitted with the application for the Outline Plan of Works for the development of the stormwater management pond. The Operational Maintenance Manual shall be to the satisfaction of the Auckland Council. All maintenance works shall be undertaken in accordance with this manual. The Operational Maintenance Manual shall address the following maintenance requirements:

- a. Removal of litter, debris or pollution affecting the pond and outlet structures or causing blockages;
- b. Removal of sediment from the forebay areas as required (approximately once every 3-5 years);
- c. Removal of sediment from the base of the pond on an infrequent basis (approximately once every 20-30 years);
- d. Drying and testing of removed sediment on site and transportation of sediment to an approved landfill;
- e. Aesthetic maintenance (for example landscaping, grass mowing, tree pruning, litter control, erosion monitoring); and
- f. The management of pests (for example Mosquitoes and Flies).

Heritage

14. Where evidence of an archaeological site, taonga, koiwi waahi tapu, or artefacts is discovered whilst undertaking site works, works shall cease immediately and the Council, Tangata Whenua and the New Zealand Historic Places Trust shall be notified.

Construction

15. Construction activity shall only occur between the hours of 8.00 am and 5.00pm Monday to Friday excluding public holidays.

Attachments

Designation 622 - Proposed Designation Plan

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Auckland International Airport Ltd

Designation Schedule - Auckland International Airport Ltd

Number	Purpose	Location
1100	Activities for the operation of Auckland International Airport ...	George Bolt Memorial Drive, Mangere
1101	Activities for the operation of Auckland International Airport ...	200 and 260 Ihumatao Road, Mangere
1102	Auckland International Airport, specification for obstacle limitation surfaces, runway end protection areas and restrictions non-aeronautical ground lights	Vicinity of Auckland International Airport

1100 Auckland International Airport

Designation Number	1100
Requiring Authority	Auckland International Airport Limited
Location	George Bolt Memorial Drive, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 231, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The land to which this designation applies ("the designated area") may be used for activities for the operation of Auckland International Airport ("the Airport") subject to the conditions set out below, including but not limited to:

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- aircraft operations,
- runways,
- taxiways and other aircraft movement areas,
- aprons,
- terminals,
- rescue facilities,
- navigation and safety aids,
- maintenance and servicing facilities including the testing of aircraft engines (in situ or otherwise),
- catering facilities,
- freight facilities,
- quarantine and incineration facilities,
- fuelling facilities including Joint User Hydrant Installations,
- stormwater facilities,
- roads,
- monitoring activities,
- site investigation activities,
- vehicle parking and storage,
- rental vehicle activities,
- vehicle valet activities,
- public transport facilities,
- landscaping,
- flags,
- signs,
- the relocation of heritage buildings from elsewhere within this Designation and the subsequent restoration and use of those buildings for purposes compatible with their heritage values;
- offices associated with any of the foregoing activities; and
- all related construction and earthwork activities.

Conditions

1. For the purposes of this designation, unless the context otherwise requires:

“Activity Sensitive to Aircraft Noise” or “ASAN” means any dwelling, marae complex, papakāinga, retirement village, supported residential care, educational facilities, care centres, hospitals and healthcare facilities with an overnight stay facility.

“Aircraft Operations” means:

- the landing and take-off of any aircraft at the Airport;
- the taxiing of aircraft associated with landing and take-off and other surface movements of aircraft for the purpose of taking an aircraft from one part of the Airport to another;
- aircraft flying along any Flight Path (refer definition below).

“Aircraft Noise Notification Area” or “ANNA” is an area that is outside the HANA and MANA and that will have future noise levels between 55 dB L_{dn} and 60 dB L_{dn}; and is shown in green on Figure 3 (Aircraft Noise Areas) of this designation.

“Aircraft Noise Community Consultative Group” or “ANCCG” is that group referred to in Condition 9(a).

“Airport” means Auckland International Airport

“Air Shows” for the purpose of Condition 8 means a sequence of unscheduled Aircraft Operations of a maximum of three days duration, occurring at a frequency not exceeding one per year, which is organised to provide a spectacle for members of the public.

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“Annual Aircraft Noise Contour” or **“AANC”** means an Ldn contour published by AIAL annually as a prediction of noise from Aircraft Operations for the following 12 months (excluding noise excepted from the limit in Conditions 5 and 6, by virtue of Condition 8 of this designation). The prediction is based on monitoring undertaken in accordance with Condition 5(d).

“Auckland International Airport Limited” or **“AIAL”** is the requiring authority under this designation.

“Council” means the Auckland Council or any committee, sub-committee, or person to whom the relevant powers, duties and discretions of the Council have been delegated lawfully.

“Designated area” is the area shown as designated area on Figure 1 of this designation.

“Existing Building” means any building:

- that existed at 10 December 2001 and was being used for an ASAN at that time; or
- for which a resource consent for an ASAN was granted by 10 December 2001; or
- which was shown on an outline plan that was lodged with the Council under section 176A of the Resource Management Act 1991 (“RMA”) and was beyond challenge as at 10 December 2001.

“Flight Path” means the actual path of an aircraft in flight, following take-off from or prior to landing at the Airport, for so long as that aircraft is within the area of the Control Zone shown in Figure 2 of this designation.

“Future Aircraft Noise Contour” or **“FANC”** means each of the long term predicted noise contours shown on Figure 4 (Future Aircraft Noise Contours) of this designation.

“High Aircraft Noise Area” or **“HANA”** is the area outside the designated area that will have future noise levels greater than 65 dB L_{dn} and is shown in purple on Figure 3 (Aircraft Noise Areas) of this designation.

“INM” means United States of America Federal Aviation Authority Integrated Noise Model.

“Ldn Contour” means a line connecting points of equal day/night sound level (dB L_{dn}).

“Moderate Aircraft Noise Area” or **“MANA”** comprises two areas (one being around the HANA) that will have future noise levels between 60 dB L_{dn} and 65 dB L_{dn}. The two areas are shown in orange on Figure 3 (Aircraft Noise Areas) of this designation.

“Noise Management Plan” or **“NMP”** means the noise management plan described in Condition 9.

“Noise Minimisation Procedures” includes:

- procedures and measures adopted to ensure compliance with noise limits for:
 - Aircraft Operations in Condition 5; and
 - Engine Testing on Aircraft in Condition 13;
- Civil Aviation Authority (“CAA”) noise rules applicable to the Airport from time to time;
- voluntary or self imposed procedures or measures for the reduction of aircraft noise.

“Non-Jet Aircraft” means any aircraft that is not a turbo-jet or a turbo-fan powered aircraft. For the avoidance of doubt turbo-prop aircraft are non-jet aircraft.

“Operational Length” is the length of Runway available and suitable for the ground run of an aircraft taking off, in accordance with the Civil Aviation Advisory Circular 139-6 Revision 4 dated 4 July 2011 called the “Take-Off Run Available” or “TORA”.

“Principal Living Room” means the room which the owner identifies as the principal living room.

“Runway” means a defined rectangular area on a land aerodrome prepared for the landing and take-off of aircraft.

“Working Days” are those days defined by the RMA.

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Runway System

2. The following limitations in this Condition apply to all runways:

- a. Subject to clause (c) of this Condition, the number of runways shall not exceed two.
- b. In addition to the existing runway ("Existing Runway"), a second runway ("Northern Runway") may be developed within the area marked "Northern Runway" shown on Figure 1 of this designation.
- c. Nothing in this Condition shall preclude the use of the taxiway of the Existing Runway for the take-off and landing of aircraft (i.e. as a runway) in substitution for the Existing Runway:
 - where the Existing Runway is under repair; or
 - in an emergency.

Note:

Use if the taxiway as a runway will be subject to approval under the Civil Aviation Act 1990.

3.

a. The provisions in this Condition apply to the Northern Runway:

- the Operational Length of the runway shall not exceed 2150 metres;
 - the runway shall be entirely located to the west of the alignment of George Bolt Memorial Drive (taking that alignment as it existed at 1 June 2000);
- b. The provisions of section 176A of the RMA shall apply to the construction, reconstruction, extension or replacement of the Northern Runway.

4. Non-Jet Aircraft using the Northern Runway between the hours of 11.00pm and 6.00am, and jet aircraft using the Northern Runway between the hours of 10.00pm and 6.00am, shall not depart to or arrive from the east except in cases of:

- a. aircraft landing or taking off in an emergency;
- b. emergency flights required to rescue persons from life-threatening situations or to transport patients, human vital organs or medical personnel in a medical emergency;
- c. the operation of unscheduled flights required to meet the needs of a national or civil defence emergency declared under the Civil Defence Act 2002;
- d. Aircraft Operations resulting from an emergency which necessitates the closure of the Existing Runway;
- e. Aircraft Operations resulting from the temporary closure of the Existing Runway for essential maintenance which necessitates the unrestricted use of the Northern Runway.

Explanatory Note for Condition 4 – Northern Runway:

Night-Time Restriction

i. Throughout the life of this unitary plan it is AIAL's clear intention to maximise the use of the Existing Runway at night and as a result, during the lifetime of this district plan, Non-Jet Aircraft using the Northern Runway between the hours of 11.00pm and 6.00am, and jet aircraft using the Northern Runway between the hours of 10.00pm and 6.00am, are not permitted to depart to or arrive from the east except within the limited exceptions provided for in this Condition.

ii. For the avoidance of doubt, the need or otherwise for a similar night time restriction on use of the Northern Runway in any subsequent district or unitary plan will be assessed at the relevant time, and the presence of this Condition on this designation is not intended as an indication that such a condition will or will not be appropriate in any future designation for the Airport.

Noise from Aircraft Operations

5. Subject to Conditions 6 and 7 below, noise from Aircraft Operations shall not exceed a noise limit of:

- a. A Day/Night Level (Ldn) of 65 dB anywhere outside the HANA. For the purpose of this control, aircraft noise shall be measured in accordance with NZS 6805:1992 and calculated as a 12 month rolling logarithmic average; and
- b. A Day/Night Level (Ldn) of 60 dB anywhere outside the HANA and the MANA. For the purpose of this control, aircraft noise shall be calculated as a 12 month rolling logarithmic average using the INM and records of actual Aircraft Operations.
- c. Clauses (a) and (b) of this Condition do not apply within the designated area or within the Coastal Marine Area..

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d. In addition, AIAL shall:

- i. monitor noise from Aircraft Operations at a minimum of three locations associated with the Existing Runway which are as near as practicable to the boundary of the HANA to obtain an accurate reading so as to demonstrate compliance with (a) above;
 - ii. monitor noise from Aircraft Operations at a minimum of two locations associated with the Northern Runway so as to demonstrate compliance with (b) above. The required monitoring may be undertaken at points in the MANA and then by calculating the corresponding noise level at the MANA boundary;
 - iii. use the INM and noise monitoring data to calculate whether noise from Aircraft Operations complies with (b) above;
 - iv. calculate noise levels at every other location necessary to ensure compliance with this Condition and with Condition 10;
- and shall provide a detailed written report to the Council every 12 months describing and interpreting the results of the monitoring and describing and explaining the calculations and findings.

Interim Noise Control on Northern Runway

6.

a. For the first five years following the commencement of aircraft operations on the Northern Runway, noise from Aircraft operations associated with the Northern Runway shall not exceed 55 dB L_{dn} at the intersection of the Northern Runway centreline and State Highway 20. For the purpose of this control, compliance may be assessed by measuring aircraft noise at an alternative location (closer to the Airport) and calculating the corresponding noise level at the intersection of the Northern Runway centreline and State Highway 20. In addition, for the purpose of this control, aircraft noise shall be measured in accordance with NZS 6805:1992 and calculated as a 12 month rolling logarithmic average. The measurements and calculations for any such assessment shall be produced by AIAL if requested by the ANCCG and, if required by the ANCCG, shall be subject to independent review and verification.

b. Clause (a) of this Condition shall not apply from the date of receipt by the Council of a certificate from a suitably qualified independent person proposed by AIAL and approved by the Council, certifying that, either of the following circumstances apply:

- i. There is a need to establish new operations, or relocate existing operations, because there are insufficient apron areas or taxiway capacity alongside the Existing Runway, or a new or existing operation requires facilities or services not available at the Existing Runway but which are or can be provided at the Northern Runway.
- ii. Rehabilitation works on the Existing Runway require use of the Northern Runway to a level which would exceed the 55 dB L_{dn} at SH 20 control to maintain current and projected demand.

c. The suitably qualified independent person referred to in Condition 6(a) above shall include, when supplying any certificate to the Council, a report which contains:

- A summary of the information provided to the suitably qualified independent person by AIAL; and
- The Audit Group's reasons for the granting of the certificate.

d. The costs of the suitably qualified independent person shall be met by AIAL.

7. Exceedance by up to 1 dB L_{dn} of the noise limits in Conditions 5 and 6 is permitted, provided AIAL demonstrates at the request of, and to the satisfaction of, the Council that any such exceedance is due to atypical weather patterns (including wind speed and direction) during the measurement period, such as produced by the El Nino/La Nina climatic oscillation.

8. Aircraft operations described in clauses (a) to (g) of this Condition, below, are excluded from the calculation of the rolling logarithmic average in Conditions 5, 6 and 7 above:

- a. Aircraft landing or taking off in an emergency;
- b. Emergency flights required to rescue persons from life-threatening situations or to transport patients, human vital organs or medical personnel in a medical emergency;
- c. The operation of unscheduled flights required to meet the needs of a national or civil defence emergency declared under the Civil Defence Act 2002;

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- d. Aircraft Operations resulting from an emergency which necessitates the closure of the Existing Runway;
- e. Aircraft Operations resulting from the temporary closure of the Existing Runway for essential maintenance which necessitates the unrestricted use of the Northern Runway;
- f. Aircraft using the Airport as a planned alternative to landing at a scheduled airport elsewhere;
- g. Air shows.

Noise Management Plan

Consultative Group

9.

a. AIAL shall maintain at its cost, the existing Aircraft Noise Community Consultative Group ("ANCCG") within the Terms of Reference which are contained in Attachment A (Aircraft Noise Community Consultative Group Terms of Reference) of this designation, or such other terms or amended terms of reference that are approved by the Council.

Noise Management Plan

b. Without in any way limiting its obligations to fully comply with the conditions attaching to this designation, AIAL has completed and will maintain and where necessary update a Noise Management Plan ("NMP") which describes in detail how AIAL proposes to manage the Airport in order to comply with those conditions. The NMP describes, in detail, the following matters:

- i. procedures for the ongoing maintenance and operation of the ANCCG;
- ii. the mechanisms for giving effect to a Noise Monitoring Programme to assess compliance with Conditions 5, 6 and 13. In particular, the following issues shall be addressed:
 - Location of any noise monitors;
 - Monitoring, recording and calculation of engine testing noise levels under Condition 13;
 - Management of the programme by a suitably qualified person; and
 - Presentation of information.
- iii. The relationship between the Trust which is to be established under Condition 11 and the ANCCG, including reporting procedures.
- iv. The ongoing investigations, methods, processes and resources that AIAL has put in place to provide for:
 - The reduction of noise levels from all aspects of Aircraft Operations and engine testing; and
 - Alternative methods of noise management to achieve the reduction of these noise levels.
- v. The Noise Minimisation Procedures.
- vi. The procedures for modifying and enhancing the Noise Minimisation Procedures to take into account:
 - Any findings made pursuant to any investigation undertaken in accord with (iv) above;
 - The need to ensure compliance with all of the requirements of this designation.
- vii. The procedures for reporting to the ANCCG any Aircraft Operations and engine testing activities which:
 - Contravene a condition of this designation;
 - Are at variance with AIAL's intentions recorded in the Explanatory Note to Condition 4 relating to the use of the Northern Runway.
- viii. The procedure for the annual preparation and publication of the 60 dB L_{dn} AANC and the 65 dB L_{dn} AANC by AIAL, as required by Condition 10B;
- ix. The procedure for the recording, responding and reporting of complaints received in respect of noise from Aircraft Operations, engine testing activities and any other activities generating noise at the Airport; and
- x. The dispute resolution procedures, to resolve disputes between AIAL and ANCCG about the contents and implementation of the NMP.

Specific Matters in NMP Subject to Council Approval

c. The dispute resolution procedures referred to in Condition 9(b)(x) shall be to the Council's satisfaction and any subsequent alteration to these procedures shall be subject to the Council's written approval.

Changes to NMP

d. If AIAL makes any changes to the procedures or other matters recorded in the NMP, it shall forthwith forward an amended copy of the NMP to the Council and the ANCCG.

Reporting of Exceptions

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9A. AIAL shall maintain a register (electronic and hard copy) which is available for public inspection of all exceptions to the Noise Minimisation Procedures. The register shall list:

- The date and time of the exception:
- An explanation for the exception:
- Any actions undertaken to prevent a recurrence of the exception.

For the avoidance of doubt an exception includes:

- A breach of noise limits in Conditions 5, 6 and 13:
- A breach of the CAA noise rules applicable to the Airport which has been the subject of an investigation by AIAL into a related complaint:
- Any lapse in AIAL's voluntary or self imposed procedures for the reduction of aircraft noise.

Noise Mitigation Programme

10. The development or use of any runway is subject to compliance with clauses (a) to (r) of this Condition (called in this designation, the "Noise Mitigation Programme"):

a. For the purpose of determining compliance with clauses (b) to (r) of this condition, AIAL has supplied to the Council:

- i. A list identifying all sites wholly or partly within the HANA and the MANA ("affected sites");
- ii. A list of the legal descriptions and street addresses of all the affected sites; and
- iii. Details of any Existing Building located on the affected sites.

Proviso:

Where a site lies within a mixture of HANA and MANA, or is partly located within one of those noise areas, then for the purposes of clauses (b) to (r) of this Condition:

- If any Existing Building is located wholly or partly within the HANA, that Existing Building shall be deemed to be in the HANA;
- If any Existing Building is located wholly outside the HANA, but wholly or partly within the MANA, that Existing Building shall be deemed to be in the MANA.

Further proviso:

For the avoidance of doubt, nothing in clauses (b) to (r) of this Condition shall be treated as requiring AIAL to fund acoustic treatment and ventilation measures in Existing Buildings that are located wholly outside the HANA and the MANA.

Existing Buildings Located within the HANA Being Subject to 65 dB Ldn Noise

b. Before any part of an affected site falls within the 65 dB Ldn AANC, AIAL shall, in respect of any Existing Building in the HANA on that site (other than any building used as educational facilities or as a registered pre-school) make an offer to the owner(s) to install, at AIAL's sole cost (and if the offer is accepted, install), acoustic treatment and related ventilation measures to achieve, in the manner provided for in clauses (p) and (q) of this Condition, an internal acoustic environment in the existing habitable rooms of the building(s) (with all external doors of the building and all windows of the habitable rooms closed), of 45 dB Ldn, together with related ventilation requirements. These measures shall include but not be limited to:

- A mechanical ventilation system or mechanical ventilation systems capable of:
 - Providing at least 15 air changes of outdoor air per hour in the principal living room of each building and 5 air changes of outdoor air per hour in the other habitable rooms of each building, in each case with all external doors and windows of the building closed with the exception of such windows in non habitable rooms that need to be ajar to provide air relief paths;
 - Enabling the rate of airflow to be controlled across the range, from the maximum airflow capacity down to 0.5 air changes (plus or minus 0.1) of outdoor air per hour in all habitable rooms;
 - Limiting internal air pressure to not more than 30 pascals above the ambient air pressure;
 - Being individually switched on and off by the building occupants, in the case of each system; and
 - Creating no more than 40 dBL_{Aeq} in the principal living room, no more than 30 dBL_{Aeq} in the other habitable rooms, and no more than 40 dBL_{Aeq} in any hallway, in each building. Noise levels from the mechanical system(s) shall be measured at least 1 metre away from any diffuser.
- Thermal grade (minimum R1.8) ceiling insulation to all habitable rooms where equivalent ceiling insulation is not already in place; and

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- A mechanical kitchen extractor fan ducted directly to the outside to serve any cooking hob, if such extractor fan is not already installed and in sound working order.

The above mentioned offer shall be made on the following basis:

- i. any structural or other changes required under the Building Act 1991 ("Building Act") or otherwise to enable the installation of the acoustic treatment and related ventilation measures shall be at AIAL's cost, except that nothing in this clause shall require AIAL to fund any measures required to bring a building up to the standard required in any building bylaws or any provisions of any statute that applied when the building or relevant part thereof was constructed; and
- ii. the owner(s) accepting an obligation to enter into a covenant in the terms set out in clause (r) of this Condition.

Proviso:

If requested by the owner, AIAL may, at its discretion, install or contribute to the cost of the installation of alternative ventilation measures to those described in clauses (b) and (c) of this Condition, subject to the owner being granted any necessary building or resource consents, the Council waiving AIAL's obligations in respect of the required ventilation measures in clauses (b) and (c) of this Condition, and the provisions of clauses (b), (c), and (n) to (r) applying with the necessary modifications.

c. At the same time, AIAL shall offer to install, (and if the offer is accepted, install), enhancements in addition to the above acoustic treatment and related ventilation measures to achieve, in the manner provided for in clauses (q) and (qq) of this Condition, an internal acoustic environment in the existing habitable rooms of the building(s) (with all external doors of the building and all windows of the habitable rooms closed), of 40 dB L_{dn}, together with related ventilation requirements. This offer shall be made on the following basis:

- i. AIAL shall contribute 75% of the cost;
- ii. The owner agreeing to contribute the balance of the cost; and
- iii. The enhancements are to be installed at the same time as the acoustic treatment and related ventilation measures referred to in clause (b) of this Condition, above.

d. Where an owner or previous owner has earlier accepted the offer set out in clause (e) of this Condition below, AIAL need only offer to install works or enhancements not already installed pursuant to clause (e) of this Condition.

Existing Buildings Located Within the HANA or the MANA Being Subject to 60 dB L_{dn}, Noise

e. Before any part of an affected site falls within the 60 dB L_{dn}, AANC, AIAL shall, in respect of any Existing Building in the HANA or MANA on that site (other than any building used as educational facilities or as a registered pre-school) make an offer to the owner(s) to install (and if the offer is accepted, install):

- i. A mechanical ventilation system or mechanical ventilation systems capable of:
 - Providing at least 15 air changes of outdoor air per hour in the principal living room of each building and 5 air changes of outdoor air per hour in the other habitable rooms of each building, in each case with all external doors and windows of the building closed with the exception of such windows in non-habitable rooms that need to be ajar to provide air relief paths;
 - Enabling the rate of airflow to be controlled across the range, from the maximum airflow capacity down to 0.5 air changes (plus or minus 0.1) of outdoor air per hour in all habitable rooms;
 - Limiting internal air pressure to not more than 30 pascals above the ambient air pressure;
 - Being individually switched on and off by the building occupants, in the case of each system; and
 - Creating no more than 40 dB L_{Aeq} in the principal living room, no more than 30 dB L_{Aeq} in the other habitable rooms, and no more than 40 dB L_{Aeq} in any hallway, in each building. Noise levels from the mechanical system(s) shall be measured at least 1 metre away from any diffuser.
- ii. Thermal grade (minimum R1.8) ceiling insulation to all habitable rooms where equivalent ceiling insulation is not already in place; and
- iii. A mechanical kitchen extractor fan ducted directly to the outside to serve any cooking hob, if such extractor fan is not already installed and in sound working order.

The abovementioned offer shall be made on the following basis:

- i. Any structural or other changes required under the Building Act or otherwise, to enable the installation of the acoustic treatment and related ventilation measures shall be at AIAL's cost, except that nothing in this clause shall require AIAL to fund any measures required to bring a building up to the standard required in any building

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- bylaws or any provisions of any statute that applied when the building or relevant part was constructed;
- ii. The owner(s) accepting an obligation to enter into a covenant in the terms set out in clause (r) of this Condition;
- iii. AIAL shall contribute 75% of the cost of the above works; and
- iv. The owner agrees to contribute the balance of the cost.

Proviso:

If requested by the owner, AIAL may, at its discretion, install or contribute to the cost of the installation of alternative ventilation measures to those described in this clause, subject to the owner being granted any necessary building or resource consents, the Council waiving AIAL's obligations in respect of the required ventilation measures in this clause, and the provisions of this clause and clauses (n) to (r) applying with the necessary modifications.

Existing Registered Pre-schools Located Within the HANA Being Subject to 65 dB L_{dn}Noise

f. Before any part of an affected site falls within the 65 dB L_{dn} AANC, AIAL shall, in respect of any Existing Building in the HANA on that site used as a registered pre-school, make an offer to the owner(s) to install at AIAL's sole cost (and if the offer is accepted, install), in all learning areas:

i. Acoustic treatment measures to achieve, in the manner provided for in clauses (p) and (q) of this Condition, an internal acoustic environment in each learning area (with all external doors and windows of the learning area closed) of 40dB L_{dn}; and

- Mechanical ventilation system or mechanical ventilation systems for each learning area:
 - Designed to achieve indoor air temperatures not less than 16 degrees celsius in winter at 5% ambient design conditions as published by the National Institute of Water & Atmospheric Research ("NIWA") (NIWA, Design Temperatures for Air Conditioning (degrees celsius), Data Period 1991–2000);
 - Capable of providing (when all external doors and windows of the learning area are closed) outdoor air ventilation at the rate of 15 litres of air per second per square metre for the first 50 square metres and 7.5 litres of air per second per square metre of remaining area;
 - Capable of enabling the rate of air flow to be controlled across the range, from the maximum air flow capacity down to 8 litres of air per second per person for the maximum number of people able to be accommodated in the learning area at one time;
 - Otherwise complying with the New Zealand Standard NZS 4303:1990 *Ventilation for Acceptable Indoor Air Quality*;
 - Each ventilation system shall be capable of being individually switched on and off by the building occupants; and
 - Capable of creating no more than 35 dB L_{Aeq} in each learning area, and no more than 40 dB L_{Aeq} in any hallway or corridor. Noise levels from the mechanical system(s) shall be measured at least 1 metre away from any diffuser.

The abovementioned offer shall be made on the following basis:

- i. any structural or other changes required under the Building Act or otherwise required to enable the installation of the acoustic treatment and related ventilation measures shall be at AIAL's cost, except that nothing in this clause shall require AIAL to fund any measures required to bring a building up to the standard required in any building bylaws or any provisions of any statute that applied when the building or relevant part thereof was constructed; and
- ii. the owner accepting an obligation to enter into a covenant in the terms set out in clause (r) of this Condition.

g. Where an owner or previous owner has earlier accepted the offer set out in clause (h) of this Condition below, AIAL need only offer the works not already installed pursuant to clause (h) of this Condition.

Existing Registered Pre-schools Located Within the HANA or the MANA being Subject to 60 dB L_{dn} Noise

h. Before any part of an affected site falls within the 60 dB L_{dn} AANC, AIAL shall in respect of any Existing Building in the HANA or the MANA on that site used as a registered pre-school, make an offer to the owner(s) to install (and if the offer is accepted, install) at AIAL's sole cost:

i. A mechanical ventilation system or mechanical ventilation systems for each learning area:

- Designed to achieve indoor air temperatures not less than 16 degrees celsius in winter at 5% ambient design conditions as published by the National Institute of Water & Atmospheric Research ("NIWA") (NIWA, Design Temperatures for Air Conditioning (degrees celsius), Data Period 1991–2000);

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- Capable of providing (when all external doors and windows of the learning area are closed) outdoor air ventilation at the rate of 15 litres of air per second per square metre for the first 50 square metres and 7.5 litres of air per second per square metre of remaining area;
- Capable of enabling the rate of air flow to be controlled across the range, from the maximum air flow capacity down to 8 litres of air per second per person for the maximum number of people able to be accommodated in the learning area at one time;
- Otherwise complying with the New Zealand Standard NZS 4303:1990 *Ventilation for Acceptable Indoor Air Quality*;
- Each ventilation system shall be capable of being individually switched on and off by the building occupants; and
- Capable of creating no more than 35 dB LAeq in each learning area, and no more than 40 dB LAeq in any hallway or corridor. Noise levels from the mechanical system(s) shall be measured at least 1 metre away from any diffuser.
- Thermal grade (minimum R1.8) ceiling insulation in all learning areas where equivalent ceiling insulation is not already in place.

Proviso:

If the owner wishes to install a ventilation system at greater cost, (e.g. an air conditioning system), then AIAL shall contribute the equivalent cost of the ventilation system(s) prescribed in clause (h) of this Condition.

The abovementioned offer shall be made on the following basis:

- any structural or other changes required under the Building Act or otherwise required to enable the installation of the acoustic treatment and ventilation measures shall be at AIAL's cost, except that nothing in this clause shall require AIAL to fund any measures required to bring a building up to the standard required in any building bylaws or any provisions of any statute that applied when the building or relevant part thereof was constructed; and
- the owner(s) accepting an obligation to enter into a covenant in the terms set out in clause (r) of this Condition.

Existing Educational Facilities Within the HANA or the MANA Being Subject to 60 dB L_{dn} Noise

- Before any part of an affected site falls within the 60 dB L_{dn} AANC, AIAL shall, in respect of any Existing Building in the HANA or MANA on that site used as an educational facility or facilities, make an offer to the owner(s) to install (and if the offer is accepted, install) acoustic treatment and related ventilation measures to achieve, in the manner provided for in clauses (p) and (q) of this Condition, an internal acoustic environment in all existing classrooms, libraries and halls (with all external doors and windows of the classrooms, libraries and halls closed) of 40 dB L_{dn}, together with related ventilation requirements. These measures shall include but not be limited to:
 - In the case of classrooms and libraries, air conditioning and/or a mechanical ventilation system or mechanical ventilation systems for each classroom and library, that are:
 - Designed to achieve indoor air temperatures not less than 16 degrees celsius in winter and not greater than 27 degrees celsius in summer at 5% ambient design conditions as published by the National Institute of Water & Atmospheric Research ("NIWA") (NIWA, Design Temperatures for Air Conditioning (degrees celsius), Data Period 1991–2000);
 - Capable of providing outdoor air ventilation at the rate of 8 litres of air per second per person for the maximum number of people able to be accommodated in any such room at one time ("the required airflow");
 - Capable of enabling, (in the case of classrooms or libraries in which only mechanical ventilation systems are used to satisfy the above temperature and outdoor air requirements), the outdoor airflow to be controlled across the range, from the maximum airflow capacity down to the required airflow when all external doors and windows of the classroom or library are closed;
 - Otherwise complying with the New Zealand Standard NZS 4303:1990 *Ventilation for Acceptable Indoor Air*; and
 - Capable of creating no more than 35 dB LAeq in each classroom, no more than 40 dB LAeq in each library, and no more than 40 dB LAeq in any hallway or corridor.

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- Noise levels from the mechanical system(s) shall be measured at least 1 metre away from any diffuser.
- ii. in the case of halls, a mechanical ventilation system or mechanical ventilation systems for each hall capable of:
 - Providing at least 12 litres of outdoor air per second per square metre with all external doors and windows of the hall closed;
 - Enabling the outdoor airflow to be controlled across the range, from the maximum airflow down to the rate of 8 litres of outdoor air per second per person for the maximum number of occupants able to be accommodated in the hall at one time;
 - Otherwise complying with the New Zealand Standard NZS 4303:1990 Ventilation for Acceptable Indoor Air Quality; and
 - Creating no more than 35 dB LAeq in each hall, and no more than 40 dB LAeq in any hallway or corridor.
- Noise levels from the mechanical system(s) shall be measured at least 1 metre away from any diffuser.
- Thermal grade (minimum R1.8) ceiling insulation shall be provided in the case of school halls where equivalent ceiling insulation is not already in place.

The abovementioned offer shall be made on the basis that any structural or other changes required under the Building Act or otherwise to enable the installation of the acoustic treatment and related ventilation measures shall be at AIAL's cost, except that nothing in this clause shall require AIAL to fund any measures required to bring a building up to the standard required in any building bylaws or any provisions of any statute that applied when the building or relevant part thereof was constructed.

j. AIAL's obligations under clause (i) of this Condition for acoustic treatment and related ventilation measures shall be "capped" at the maximum costs set out in Attachment B of this designation. For the avoidance of doubt, the costs in Attachment B are expressed as the maximum costs for which AIAL shall be responsible, and, in addition, AIAL shall not be required to expend the maximum costs where the acoustic treatment and related ventilation measures can be installed by AIAL more cost effectively to achieve the internal acoustic environment and related ventilation standards specified in this Condition (Condition 10). Any new windows installed as part of the acoustic treatment and related ventilation measures shall be made able to be opened or shall be fixed at the discretion of the owner(s) of the educational facilities at the time the work is undertaken.

For existing educational facilities, the maximum figures referred to in Attachment B are exclusive of GST and are in year 2012 dollars and they will therefore be adjusted to compensate for inflation and increased annually from the date of the inclusion of this designation in the Unitary Plan by the percentage increase in the Consumer Price Index (All Groups) or any substitute national measure of inflation adopted in lieu of the Consumer Price Index (All Groups).

New Buildings at Existing Educational Facilities Within the MANA

k. Where, in the case of educational facilities established within the MANA before 10 December 2001:

- i. A new classroom, library, or hall is to be established; or
- ii. An addition or alteration is to be made to any existing classroom, library or hall, and the new classroom, library or hall, or the addition or alteration, is not by definition, an Existing Building, then AIAL upon receiving advice of the proposed works, shall make an offer to the owner(s) of the relevant educational facilities to provide funding (and if the offer is accepted, provide funding) for acoustic treatment and related ventilation measures to achieve an internal acoustic environment (with all external doors and windows of the classrooms, libraries or halls closed) of 40 dB L_{dn} for all such new facilities along with ventilation to a standard consistent with clause (i) of this Condition, above, provided that this offer shall be conditional on:
 - The owner agreeing to contribute 25% of the costs of the acoustic treatment and ventilation measures;
 - Construction of the new or additional facilities otherwise complying with the relevant requirements of the Building Act and any relevant legislation,

and further provided that AIAL's obligations under clause (k) of this Condition shall only extend, in the case of additional classrooms, libraries or halls, to those which the Regional Network Manager — Auckland of the Ministry of Education or successor of that office certifies are required as a result of roll growth caused by underlying increases in population in the catchment in the immediate vicinity of the educational facility.

l. The offer referred to in clause (k) of this Condition may be made on the basis that if the new or additional facilities are removed from the affected site before the 60 dB L_{dn} AANC reaches the affected site, any cost incurred by AIAL in respect of that building shall be returned to AIAL.

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New Public Schools or Pre-schools Within the MANA

m. AIAL shall offer the owner(s) of any new public (i.e. non-private or integrated) school or preschool to be established on affected sites located within the MANA, funding (and if the offer is accepted, provide funding) for acoustic treatment and related ventilation measures to meet the requirements in, and to a standard consistent with, clause (k) of this Condition, above, provided that this offer shall be conditional on:

- The owner agreeing to contribute 50% of the costs of the acoustic treatment and ventilation measures;
- The Regional Network Manager — Auckland of the Ministry of Education or successor of that office certifying, following consultation on the issue of location with AIAL, that the proposed new school or preschool could not reasonably be located outside the MANA.

Building Act 2004

n. All work undertaken pursuant to the terms of this Condition (Condition 10) shall be in accordance with the Building Act and any other relevant legislation.

o. Nothing in this Condition (Condition 10) shall require AIAL to fund any measures required to bring a building up to the standard of the building regulations that applied when the building was constructed or the relevant part thereof was last modified.

Certified Standard Packages and Individual Packages

p. Where this Condition (Condition 10) requires AIAL to offer to provide acoustic treatment and ventilation measures, AIAL:

i. Has developed standard acoustic and ventilation treatment packages for as many types of building for each FANC, shown on Figure 4 (Future Aircraft Noise Contours) of this designation, as is practicable ("standard packages"). These standard packages may be updated or further developed at any time. Each standard package shall be:

- Sufficient to achieve the internal acoustic environment and ventilation requirements specified in this Condition (Condition 10) for the type of building within the FANC for which the package has been developed;
- Certified to that effect by a suitably qualified independent person (or persons) nominated by AIAL and approved by the Council ("an approved person") ("certified standard package"); and
- Developed in consultation with the Building Research Association of New Zealand.

For the avoidance of doubt the standard packages are intended to mitigate against aircraft noise, not against other sources which may have different characteristics and hence require different attenuation in respect to the treatment measures on offer;

ii. Shall offer to install (and if the offer is accepted, install) the relevant certified standard package, which has been certified by an approved person as being suitable to fulfil the requirements of this Condition (Condition 10) for the building and FANC within which the building is located; and in all other cases, shall offer a package certified by an approved person as suitable, at the time of the offer, to achieve the internal acoustic environment and ventilation requirements specified in this Condition (Condition 10) for the FANC within which the building is located ("certified individual package") and if that offer is accepted, shall install the certified individual package.

q. Where AIAL installs any acoustic treatment and or ventilation or air conditioning measures, AIAL:

i. Shall provide the Council with a certificate from a suitably qualified independent person (or persons) nominated by AIAL and approved by the Council, that the installation of any relevant certified standard package, or relevant certified individual package, has been properly undertaken in accordance with sound practice; and

ii. Shall not be in breach of this condition where the internal noise standards and related ventilation requirements are not met in each instance provided the relevant certificate required in sub-clause (q)(i) of this Condition, above, has been provided to the Council.

Covenants

r. AIAL shall not be obliged to undertake any work pursuant to clauses (b) to (h) of this Condition (Condition 10) unless the owner of the particular affected site agrees to enter into a covenant with AIAL (which shall be registered on the site's title) in the terms set out in Attachment C of this designation with such necessary changes, approved by the Council. The cost of preparation and registration of the covenant on the site's title shall be met by AIAL. AIAL shall meet the reasonable legal costs incurred by the owner for the perusal and approval of the covenant.

Monitoring of Noise Mitigation Programme

10A. AIAL is to monitor the implementation of the Noise Mitigation Programme as set out in Condition 10 and

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provide a written report setting out its findings in detail to the Council on an ongoing basis at six monthly intervals each year.

Preparation and Publication of the AANC's

10B. AIAL shall:

- a. Prepare annually the 60 dB L_{dn} AANC and 65 dB L_{dn} AANC.
- b. Publish a public notice in:
 - i. One or more daily newspapers circulating in the areas contained in the HANA, MANA and ANNA; or
 - ii. One or more other newspapers that have at least an equivalent circulation, advising the public that:
 - The AANCs have been prepared for the following twelve months;
 - Explaining what the AANCs are and who is potentially affected; and
 - That the AANCs are available for public inspection at such Council offices as determined by a designated Council officer approved by the Chief Executive of the Council.

Aircraft Noise Mitigation Fund

11. AIAL shall (at its cost and to the Council's satisfaction) maintain a Trust with two Trustees appointed by AIAL, two Trustees appointed from the community by the Council, and one Trustee appointed by the ANCCG.

12. AIAL shall contribute \$ 325,000 (in 2012 New Zealand dollar terms) per annum plus GST if any (adjusted thereafter to compensate for inflation and increased annually from December 2012 by the percentage increase in the Consumer Price Index (All Groups) as provided for in Condition 12A, below), to a Noise Mitigation Fund, to be administered by the Trustees for the benefit of the local community affected by aircraft noise and located or residing within the HANA, MANA and ANNA, for the purpose of:

- a. The mitigation of adverse effects associated with noise from Aircraft Operations which are not provided for under Condition 10 ("other adverse effects"); or
- b. Ensuring positive effects on the external environment to offset those other adverse effects; or
- c. In cases of significant financial hardship, assisting an owner or owners to meet their share of the costs of acoustic treatment measures or enhancements as set out in Conditions 10(c)(ii) and 10(e)(iv).

12A. On each anniversary of the Trust, AIAL will make a payment to the Trust of an amount sufficient to compensate for inflation over the immediately preceding annual period calculated in accordance with the following formula:

$\$325,000 \times A\%$, where A is the percentage increase in the Consumer Price Index (All Groups) (or any substitute national measure of inflation) for that 12 month period.

Explanatory Note, Aircraft Noise Mitigation Fund:

While there are various physical measures proposed by way of acoustic insulation and ventilation of buildings containing Activities Sensitive to Aircraft Noise, the Aircraft Noise Mitigation Fund is designed to ensure that adverse effects of aircraft noise on the external environment which cannot be mitigated by physical means can at least be partially offset by providing positive effects in the form of enhanced cultural, recreational and other opportunities and facilities to affected residents. Those opportunities and facilities may be provided outside the affected area but should be readily available to affected residents.

Engine Testing on Aircraft

13.

a. Any use of the designated area for the testing of engines which are in situ on an aircraft ("in situ aircraft engines") shall not exceed the following noise limits within the Identified Area shown on Figure 5 attached to this designation:

7 day rolling average	55 dB L _{dn}
10pm to 7am	75 dB L _{Amax}

For the purpose of this control, testing of in situ aircraft engines shall be measured in accordance with NZS 6801:2008 Acoustics- Measurement of Environmental Sound.

b. AIAL shall monitor and record all testing of in situ aircraft engines and provide a summary report of the tests undertaken and the calculated noise levels whenever requested in writing by the ANCCG.

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c. The testing of in situ aircraft engines is excluded from the calculation of the 7 day rolling average in clause (a) above where such testing is associated with work necessary to satisfy an airworthiness directive or other like safety requirement issued by the Minister of Transport, the Director of Civil Aviation or the Civil Aviation Authority, which requires within 7 days of the directive or requirement being issued, the ground running of the engines on:

- i. All aircraft with a specific engine type; or
- ii. aircraft of a specific make or model.

Prior to any testing excluded by this clause commencing, AIAL shall give written notice to the ANCCG and the Council explaining:

- The nature of and the reason for the testing;
- Its expected duration and noise effects; and
- Details of the directive or requirement received.

Other Noise

13A. Any use of the land for any purpose other than:

- a. Aircraft Operations (Conditions 5 and 6);
- b. testing of in situ aircraft engines (Condition 13); and
- c. the use of audible bird scaring devices for the discouragement of birds;

shall not exceed the following noise limits within the Identified Area shown on Figure 5 attached to this designation:

Average Maximum Levels			Maximum
dB LAeq			dB LAmax
Monday to Saturday 7am–6pm (0700–1800)	Monday to Saturday 6pm–10pm (1800–2200) AND Sunday and Public Holidays, 7am–10pm(0700–2200)	At all other times	10pm–7am (2200–0700)
55	50	45	70

For the purpose of this control, Other Noise shall be measured in accordance with NZS 6801:2008 Acoustics- Measurement of Environmental Sound and assessed in accordance with NZS 6802:2008 Acoustics – Environmental Noise.

Coastal Protection Yard

14. A coastal protection yard having a minimum depth of 20 metres shall be maintained where any part of the designated area abuts the Mean High Water Spring Tide Mark. No structure shall be erected in the coastal protection yard except essential Airport operational facilities (for example, security fences, navigational aids, rescue facilities and stormwater facilities) which require a location in the area of the coastal protection yard.

15. Subject to any waiver of this Condition, or any part of this Condition, prior to any land modification or development on any land within 200 metres of the northern boundary of the designated area east of Pukaki Creek (“northern boundary”), the requiring authority shall submit an outline plan to the Council for approval which, without limiting the requirements of Section 176A of the RMA, shall show:

- a. Provision for the landscaping in grass, trees and shrubs of a five metre wide strip along the northern boundary and a limitation on building height in relation to the northern boundary so that no part of any building shall project beyond a building envelope contained by a 55 degree recession plane from points 2.5 metres above the northern boundary (i.e. maximum height = 2.5 metres plus 1.428 x distance from boundary).
- b. Details of any land modification within:
 - i. 200 metres of the northern boundary which involves more than 500m³ of earthworks; or
 - ii. 30 metres of the northern boundary which involves more than 200m³.
- c. The timetable for completion of the abovementioned landscaping, earthworks and remedial work.
- d. The height, shape and bulk of any proposed structures.

16. For the purpose of 15(b) details shall be given of the following:

Alteration to Natural Landscape

- a. Whether any earthcut or fill will remove existing vegetation, alter the existing topography of the site, or affect

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existing natural features including landforms, and the impacts on the area's amenity values.

Site Stability and Erosion

b. Whether the effects from natural hazards will be avoided, remedied or mitigated, and the extent to which earthworks affect the stability and erosion potential of the site and surrounding site.

Topography in Relation to Adjacent Land

c. Whether the site contours and final contours coordinate with the final levels of adjoining land.

Flooding

d. Whether the earthworks and final levels will adversely affect overland flowpaths or increase the potential for flooding within the site or surrounding area.

Utility Services

e. Whether the earthworks and final levels will adversely affect existing utility services.

Public Access to the Coastal Marine Area and Fossil Forest

17. AIAL shall provide road access for the public to the coastal marine area, through the designated area, to a point near the fossil forest (located in the coastal banks of Lot 2 DP 62092 and Allotment 164 Manurewa Parish) and shall provide pedestrian access from the end of that road down to Mean High Water Springs, so as to provide public access to the coastal marine area and the fossil forest.

Public Consultation

17A.

a. Construction of the Northern Runway to its maximum length, shall not take place until AIAL has completed a process of public notification and consultation. The process of public notification and consultation shall include the following:

- i. Written notice to the ANCCG (or its successor from time to time); and
- ii. A public notice published in a daily newspaper circulating in the Auckland Council area, and in each of the local newspapers circulating in those parts of the Auckland Council area subject to the ANNA, MANA and HANA. Such notice to be published in each case twice at an interval of approximately a fortnight.

b. Each of the abovementioned notices shall include a brief description of the proposal and shall advise:

- i. Where full details of the proposal can be inspected and copies of those details obtained;
- ii. Of the opportunity to forward comments to AIAL about the proposal;
- iii. The date by which comments about the proposal should be sent to AIAL, which date shall not be less than 20 working days from the date of the last of the public notices;
- iv. Details of any additional consultation proposed by AIAL.

c. The information available for inspection under this Condition shall include the following:

- i. Diagram(s) and description of the proposal including all associated work;
- ii. A description of the proposed operating scenario for the Northern Runway;
- iii. The reasons for the proposed operating scenario;
- iv. The reasons for the proposal including an explanation of the need for the Northern Runway to have the proposed Operational Length;
- v. Reference to any relevant reports; and
- vi. Any other information AIAL wishes to make available for the purpose of explaining the proposal or in respect of which it would like to invite comments.

d. AIAL shall consider any comments made to it pursuant to the notification and consultation process described above before deciding whether or not to proceed with the proposal. If AIAL decides to proceed, it shall provide as soon as possible to the Council copies of all comments received, together with written advice of:

- i. Details of the notification and consultation undertaken;
- ii. A summary of comments received;
- iii. A statement describing the actions planned, if any, in respect to the comments received; and
- iv. Statement explaining the reasons for the actions to be taken or the decision not to take any action.

e. AIAL shall regularly consult the ANCCG and seek its input and comment on community consultation that the latter may recommend to inform the public from time to time on any matter relating to the Northern Runway

Outline Plan

18. Where AIAL seeks to rely on the provisions of the designation for any works within its land, an outline plan

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of any work to be constructed on the designated area must be submitted to the Council pursuant to section 176A of the RMA unless the works have been otherwise approved under the RMA or the details of the work are incorporated in the designation or Council waives the requirement for an outline plan. For any proposed work to be constructed for taxiing of aircraft on the designated area north of the area shown as Northern Runway on Figure 1 of this designation, the outline plan shall include, in addition to the matters required under section 176A of the RMA, an analysis and prediction of the noise associated with the Aircraft Operations component of the proposal so as to demonstrate compliance with Condition 5.

Heritage Resources

19. Each of the following heritage resources shall be relocated by the requiring authority in a manner and to a site that will ensure the continued protection of the resource before any construction or work is commenced on the designated area that would damage or destroy the resource:

- a. the notable trees and stands of trees at 142 Westney Road (Lot 1 DP 386296) (refer Schedule of Notable Trees Item 1238), provided however that these trees need not be relocated and may be removed, if AIAL provides the Council with a report from a qualified arborist, approved by the Council, who certifies that it is not reasonably practical to relocate them;
- b. Abbeville Farm House and Barn, Part Lot 2, DP 12194 (refer Schedule of Significant Heritage Places, Item 1414);
- c. Westney Road Methodist Church, Part Lot 2, DP 12194 (refer Schedule of Significant Heritage Places, Item 1414); and
- d. Rennie Jones Homestead, Pt Allot 163, Manurewa Parish (refer Schedule of Significant Heritage Places, Item 1424).

Lapsing Date

20. As this designation has been given effect to, the designation cannot lapse pursuant to section 184(1) of the RMA.

Attachments

Attachment A: Aircraft Noise Community Consultative Group Terms of Reference

[Click here for PDF](#)

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Attachment B: Maximum Costs of Acoustic Treatment and Related Ventilation Measures

[Click here for PDF](#)

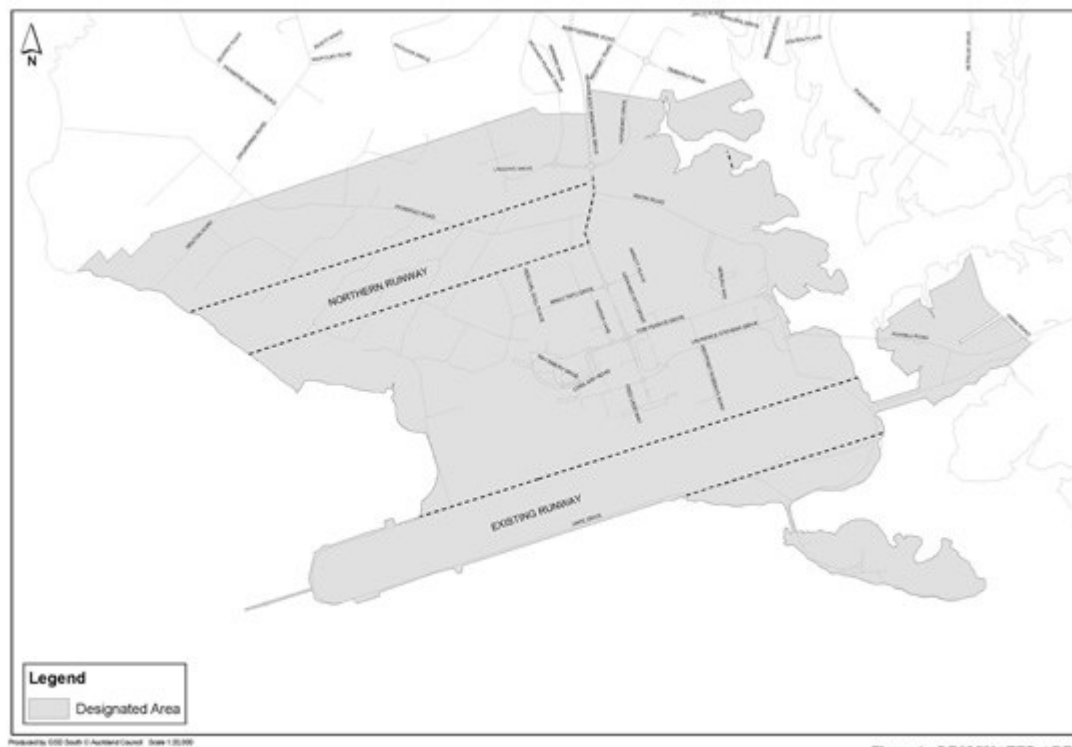
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Attachment C: Example of Deed of Covenant

[Click here for PDF](#)

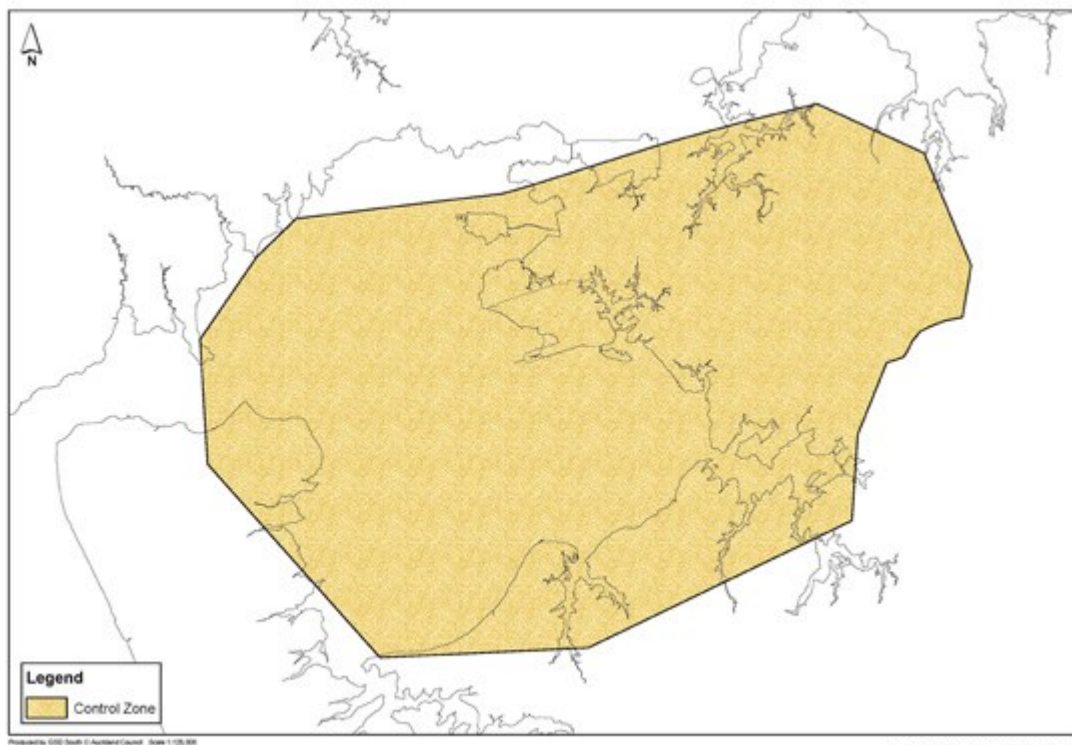
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Figure 1 - Designated Area



**Figure 1 - DESIGNATED AREA
APPENDIX 1**

Figure 2 - Control Zone



**Figure 2 - CONTROL ZONE
APPENDIX 1**

Figure 3 - Aircraft Noise Areas

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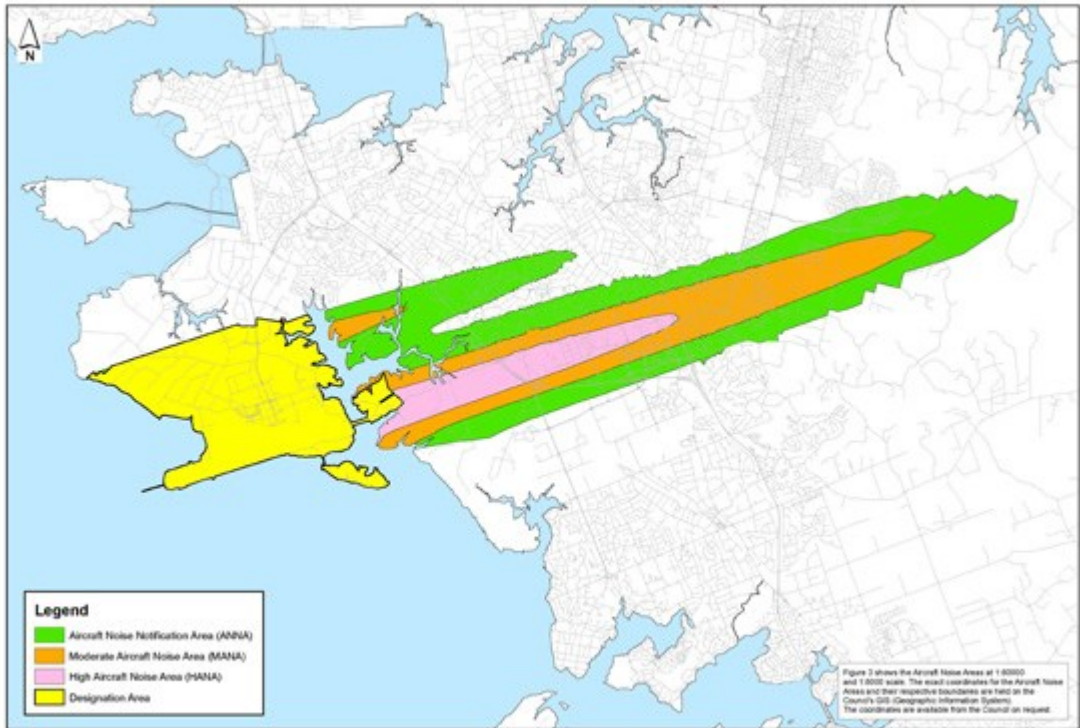
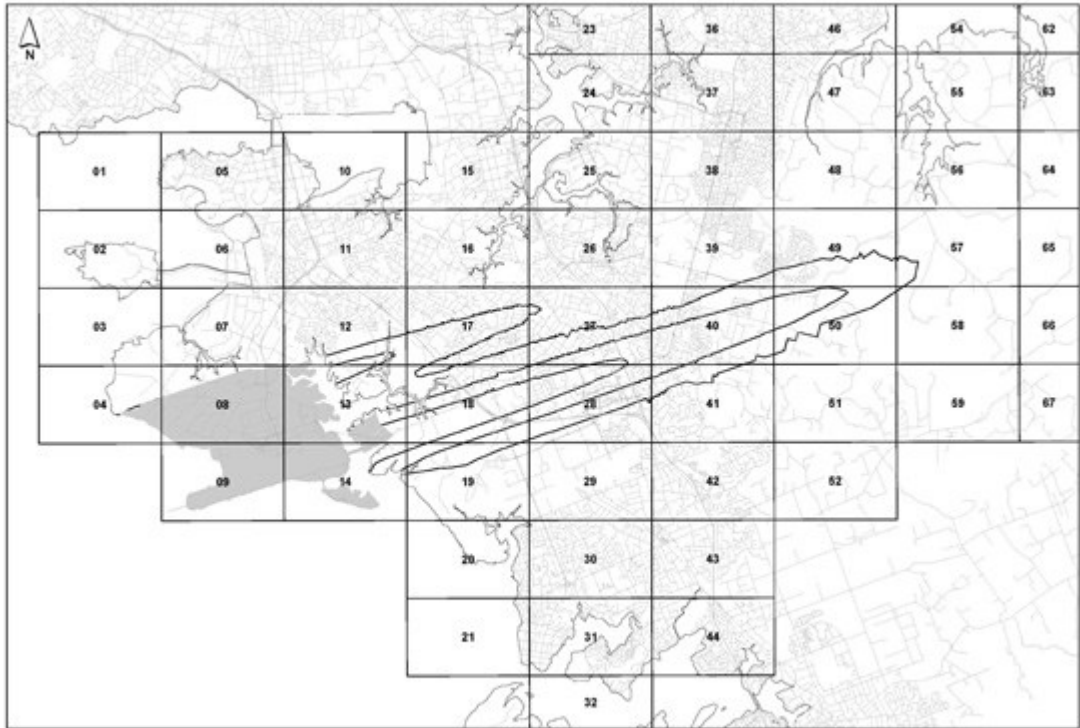
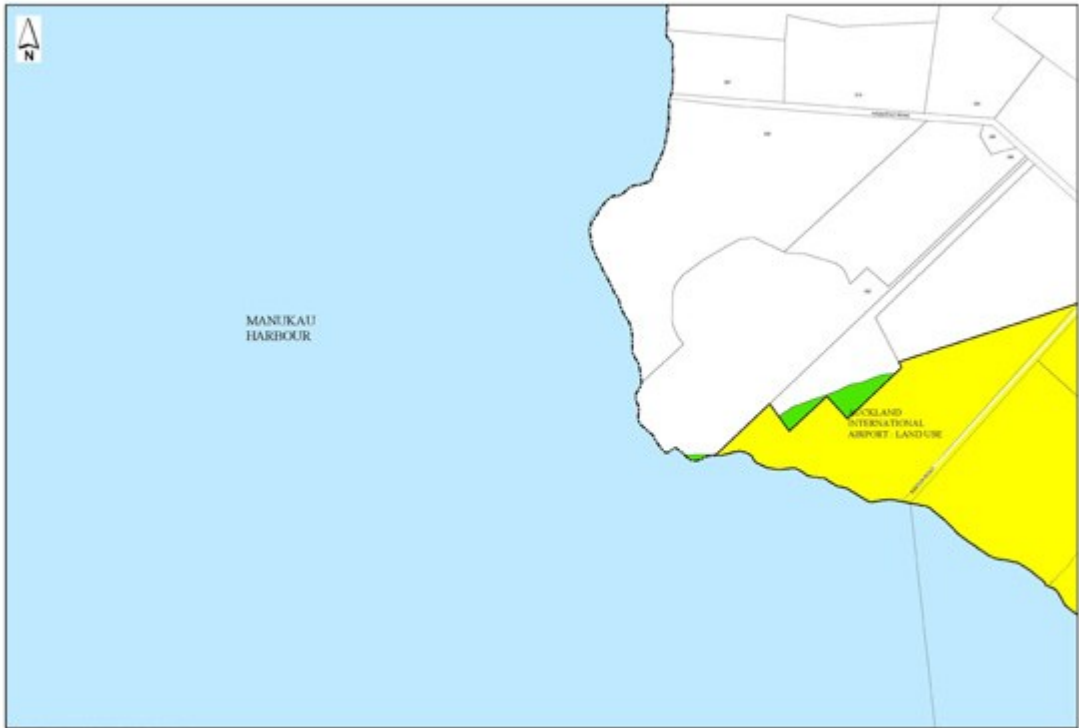


Figure 3 - AIRCRAFT NOISE AREAS
APPENDIX I



GRID FOR APPENDIX 1 FIGURE 3 MAPS AT 1:8000
APPENDIX I

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Proposed by 500 South 1 Auckland Council Scale 1:8,000

01	07	02
04	08	03
06	09	04

Figure 3 - Aircraft Noise Areas
APPENDIX I



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Figure 3 - Aircraft Noise Areas
APPENDIX I

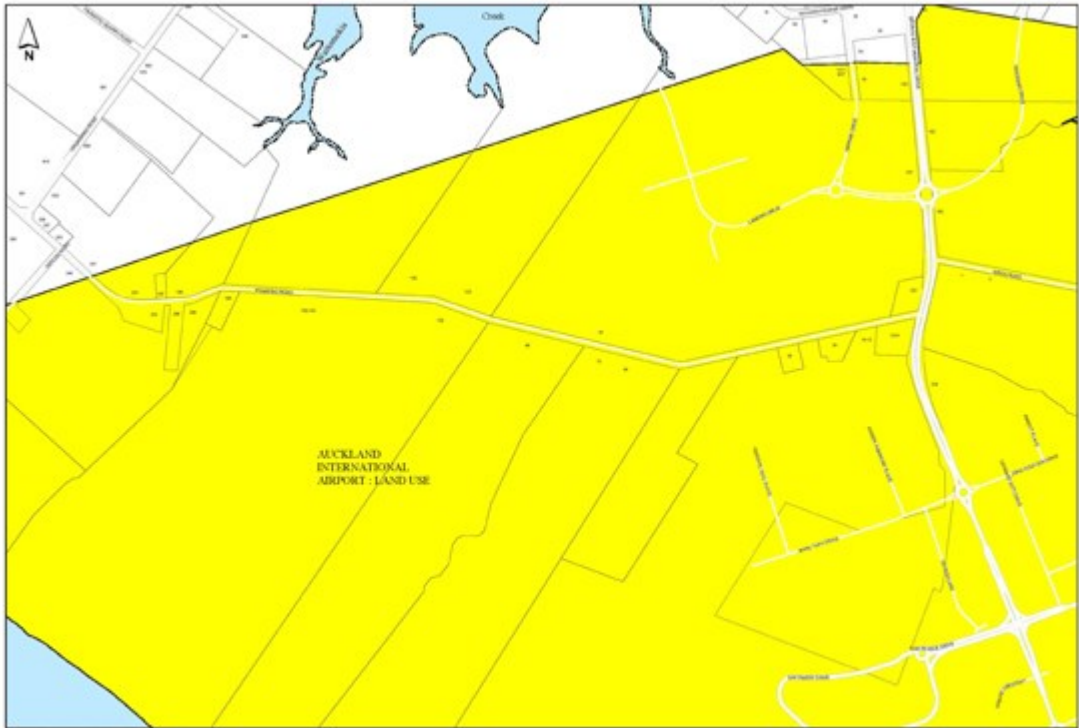


Figure 3 - Aircraft Noise Areas
APPENDIX I

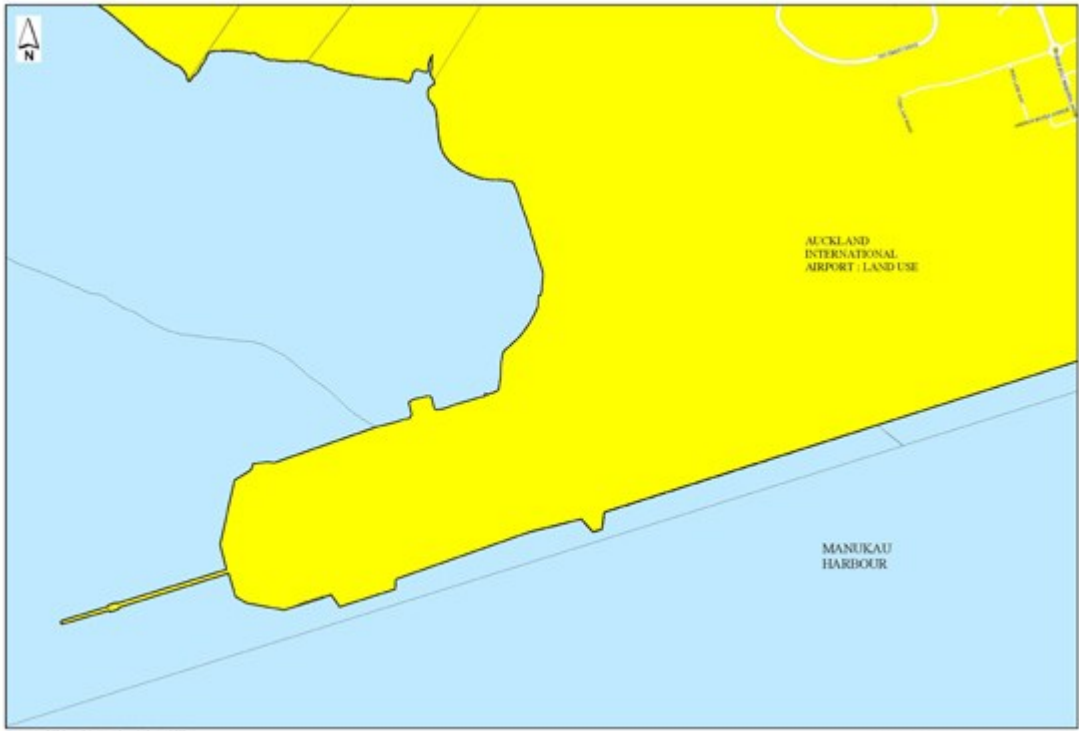


Figure 3 - Aircraft Noise Areas
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Figure 3 - Aircraft Noise Areas
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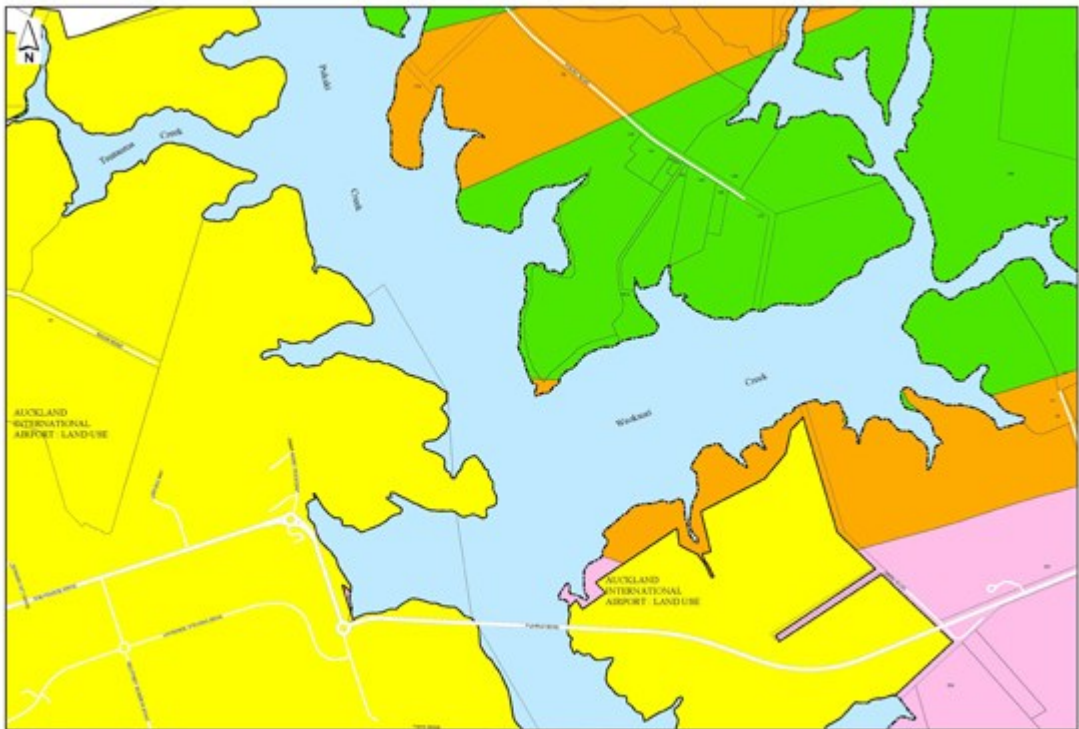


Figure 3 - Aircraft Noise Areas
APPENDIX I

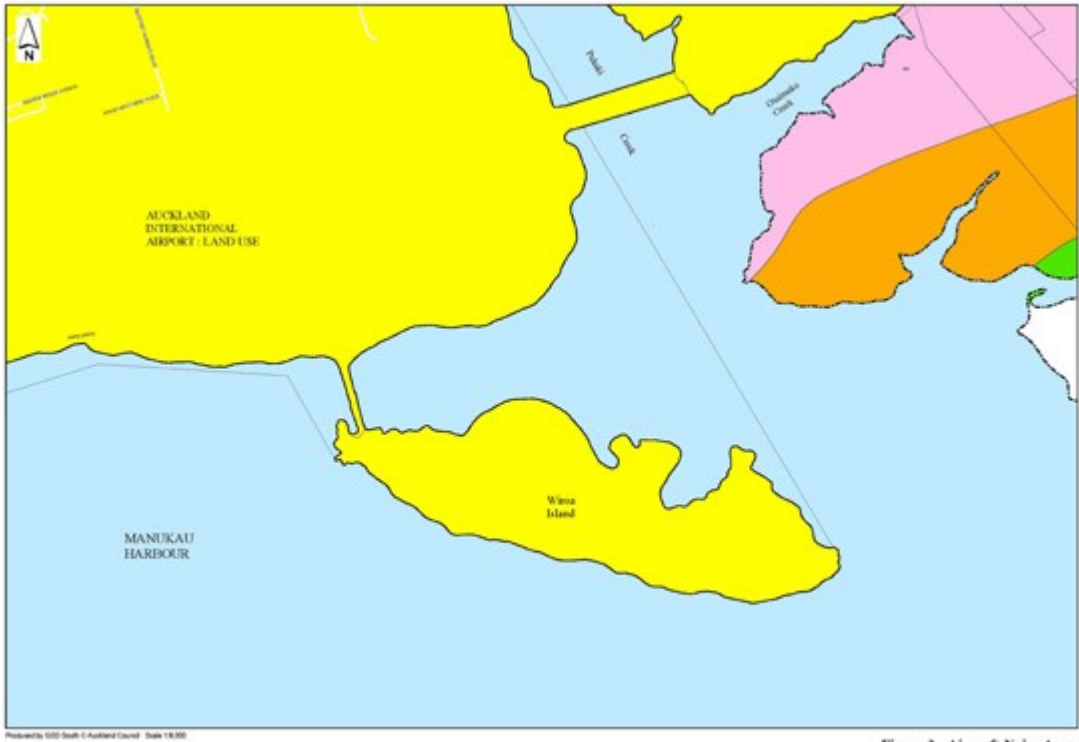


Figure 3 - Aircraft Noise Areas
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Figure 3 - Aircraft Noise Areas
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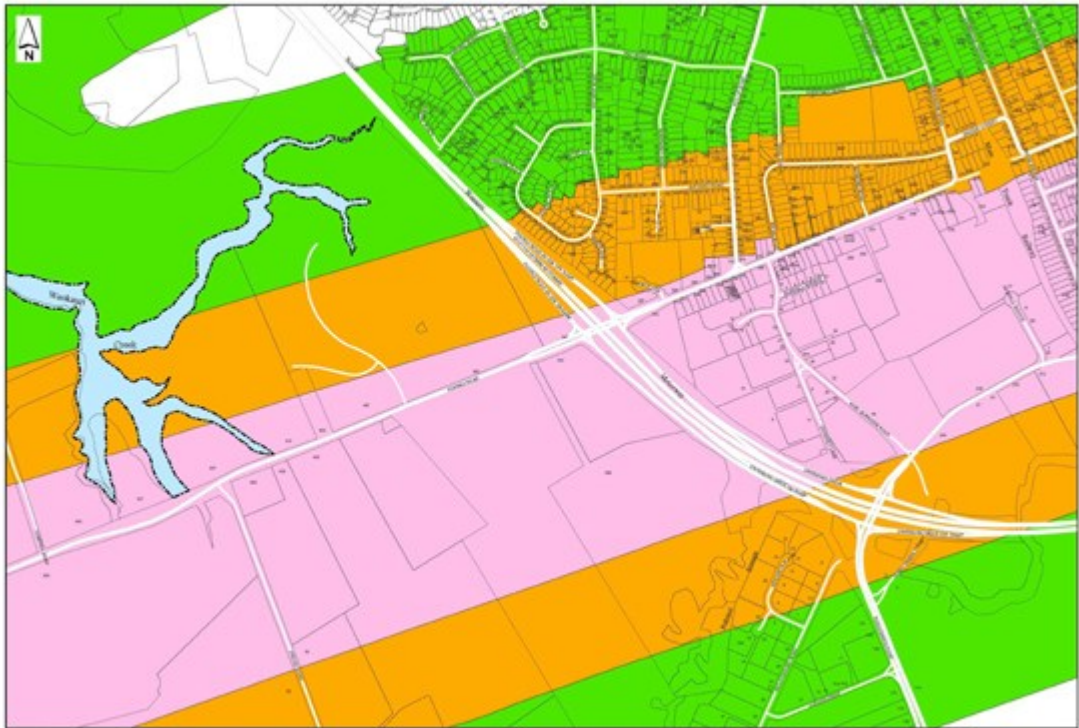


Figure 3 - Aircraft Noise Areas
APPENDIX I



Figure 3 - Aircraft Noise Areas
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

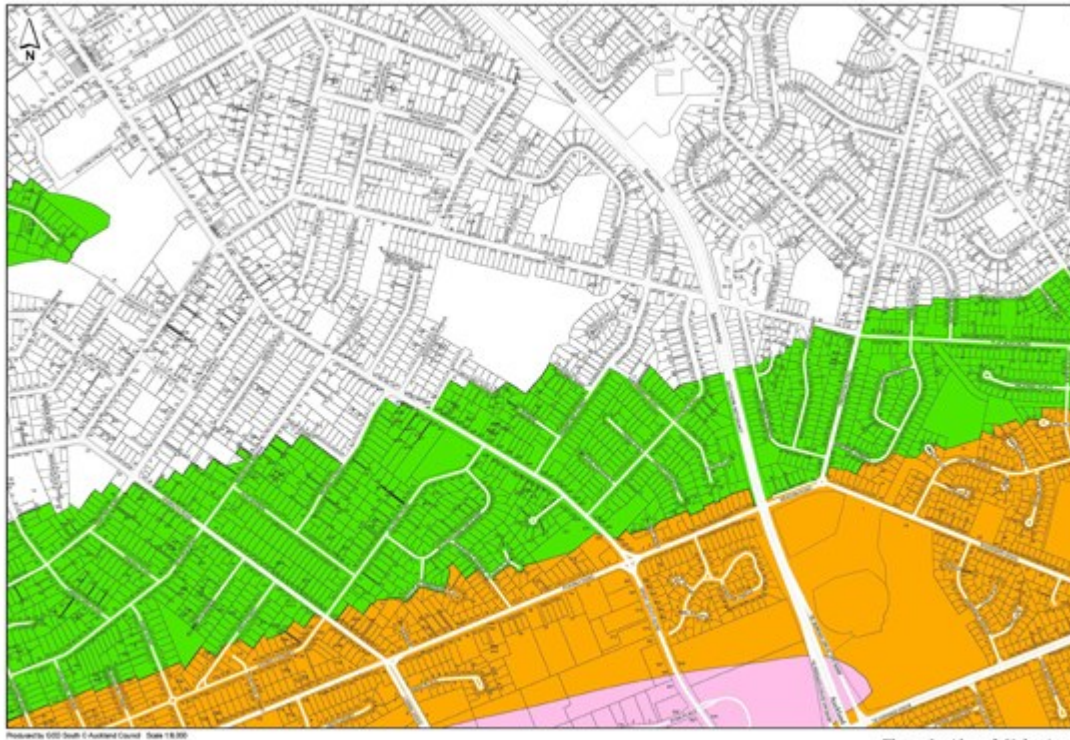


Figure 3 - Aircraft Noise Areas
APPENDIX I

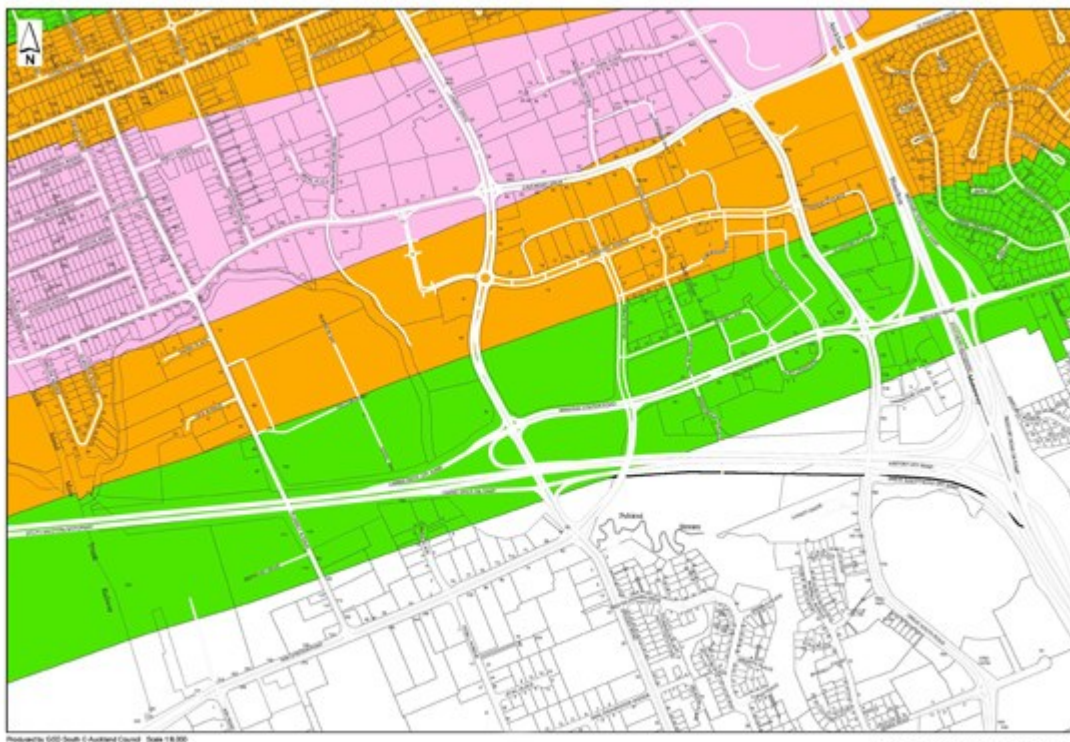


Figure 3 - Aircraft Noise Areas
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The Proposed Auckland Unitary Plan (notified 30 September 2013)



Figure 3 - Aircraft Noise Areas
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

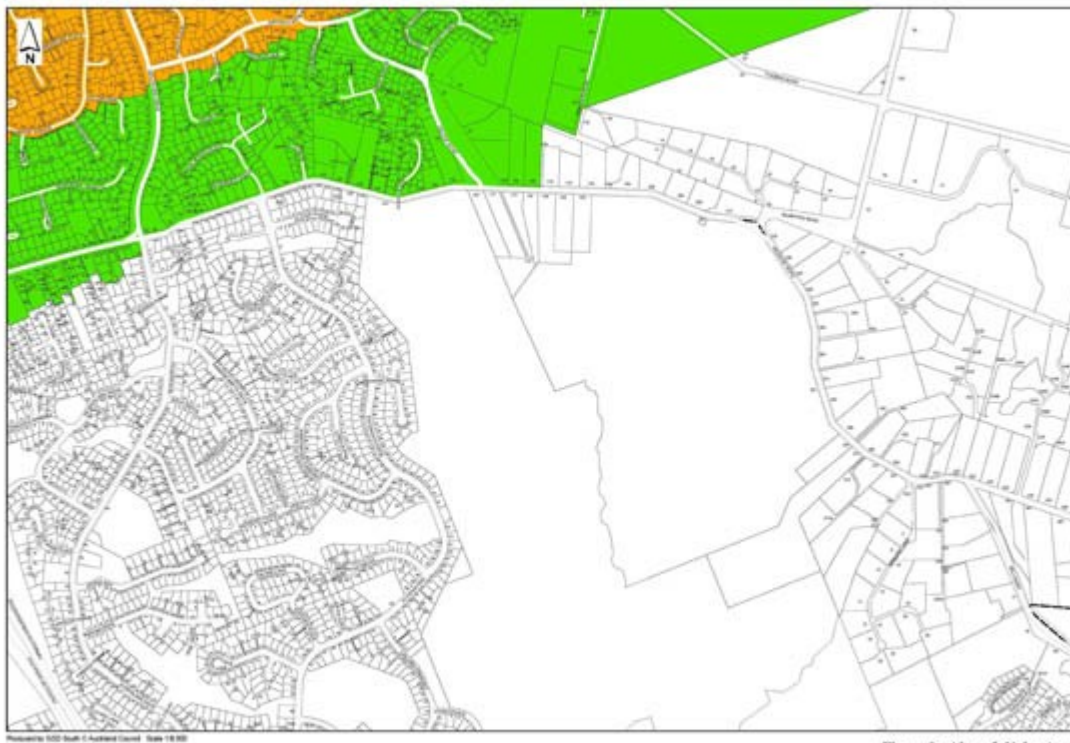


Figure 3 - Aircraft Noise Areas
APPENDIX I



Figure 3 - Aircraft Noise Areas
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Figure 3 - Aircraft Noise Areas
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Figure 3 - Aircraft Noise Areas
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Figure 3 - Aircraft Noise Areas
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Figure 4 - Future Aircraft Noise Contours

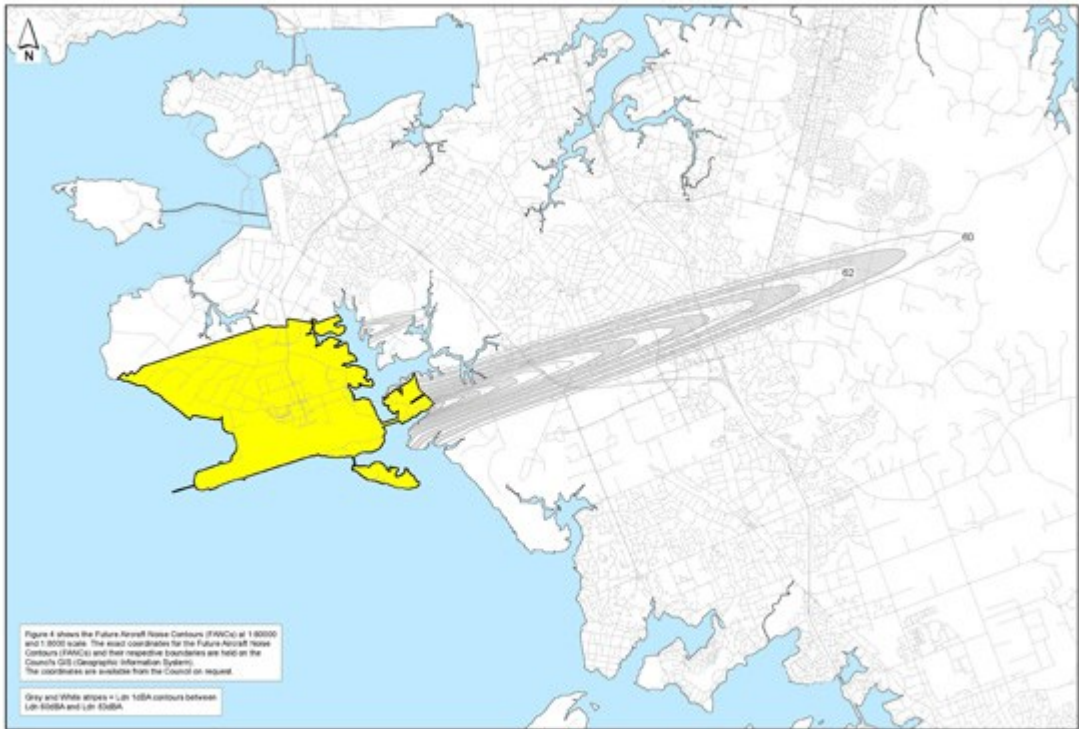


Figure 4 - FUTURE AIRCRAFT NOISE CONTOURS (FANCs)
APPENDIX I

The Proposed Auckland Unitary Plan (notified 30 September 2013)



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APPENDIX 1

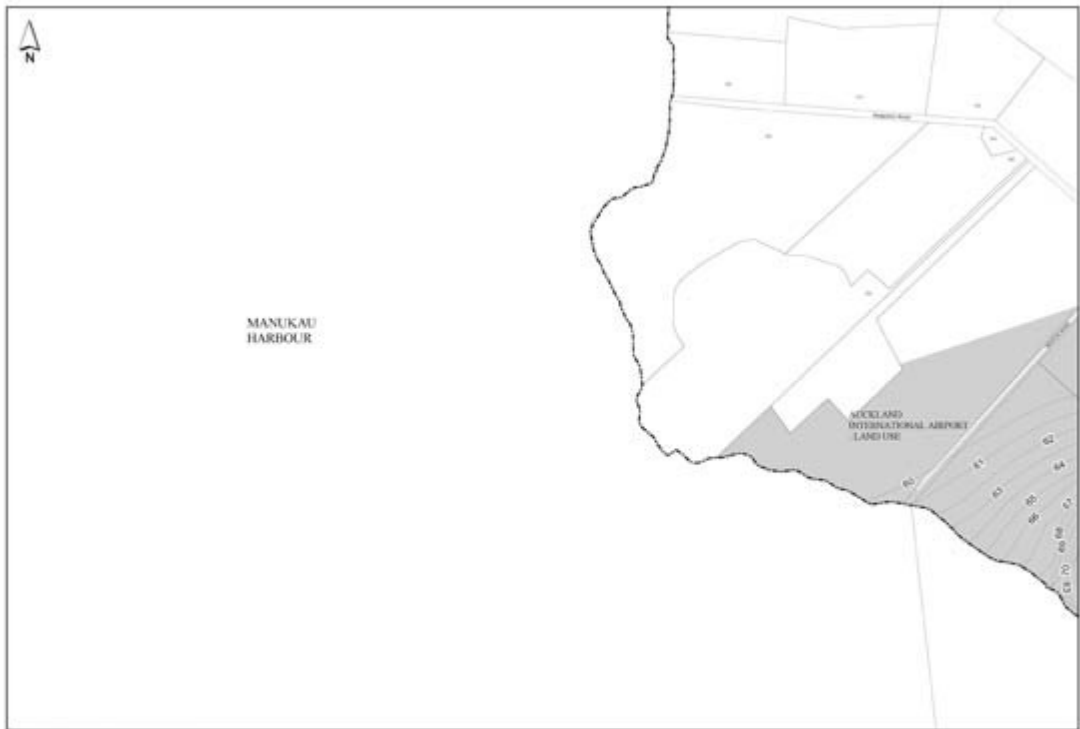


Figure 4 - Future Aircraft Noise Contours (FANCs)
APPENDIX 1



Figure 4 - Future Aircraft Noise Contours (FANCs)
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Figure 4 - Future Aircraft Noise Contours (FANCs)
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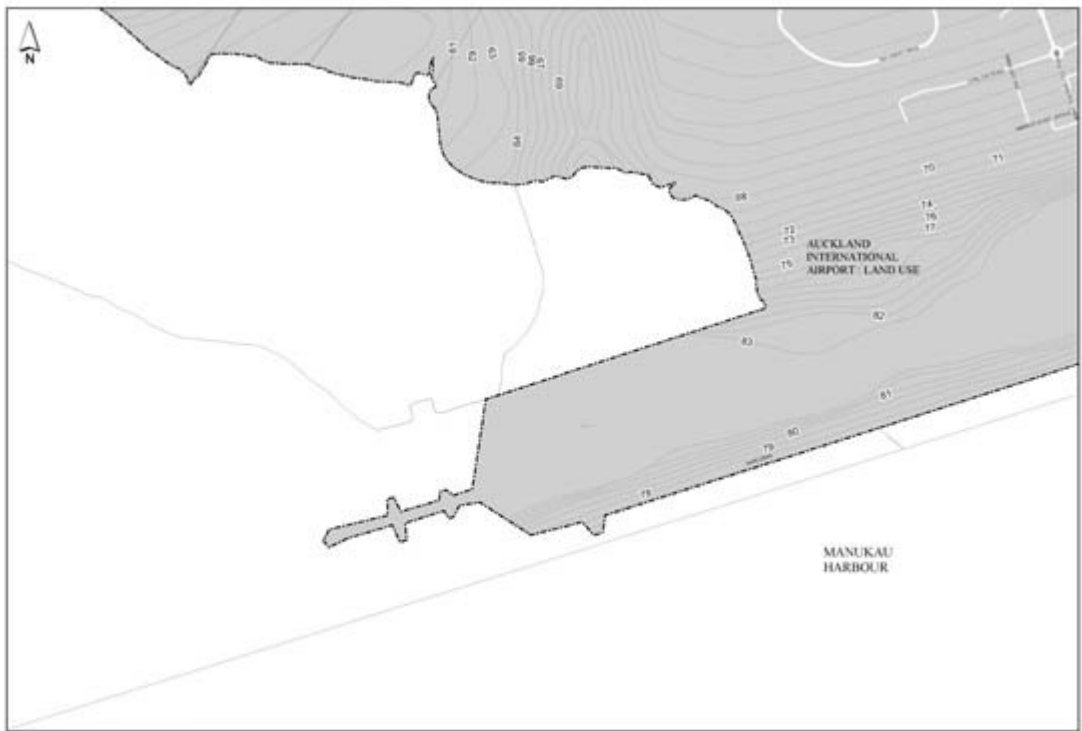


Figure 4 - Future Aircraft Noise Contours (FANCs)
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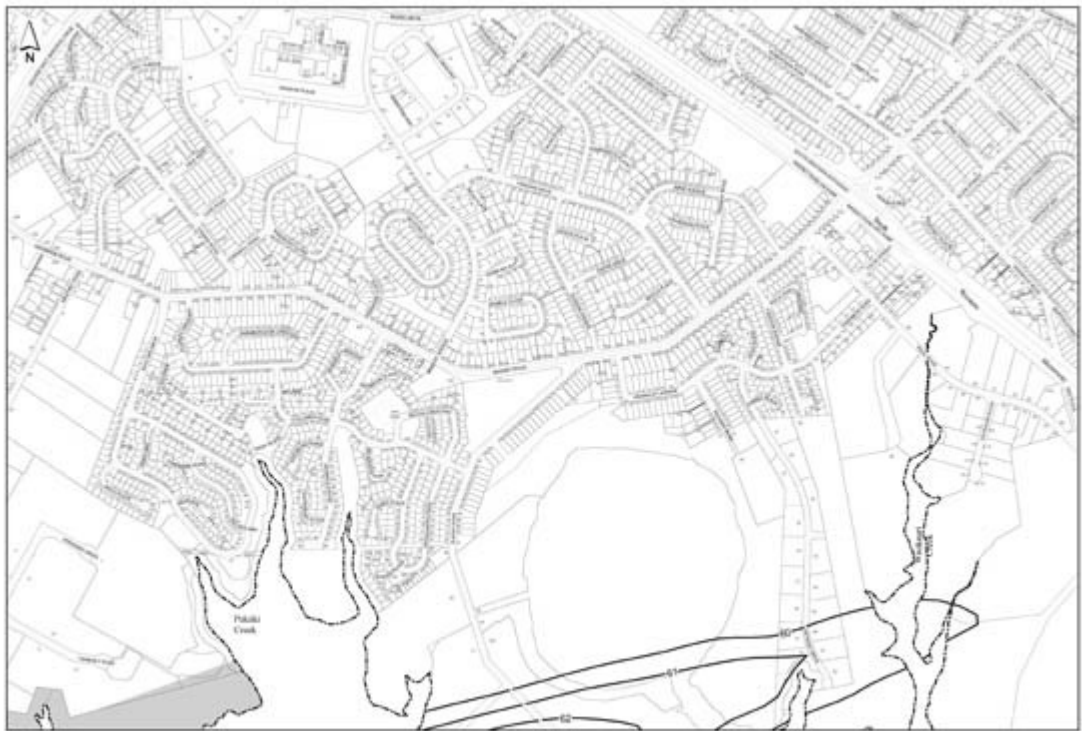


Figure 4 - Future Aircraft Noise Contours (FANCs)
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Figure 4 - Future Aircraft Noise Contours (FANCs)
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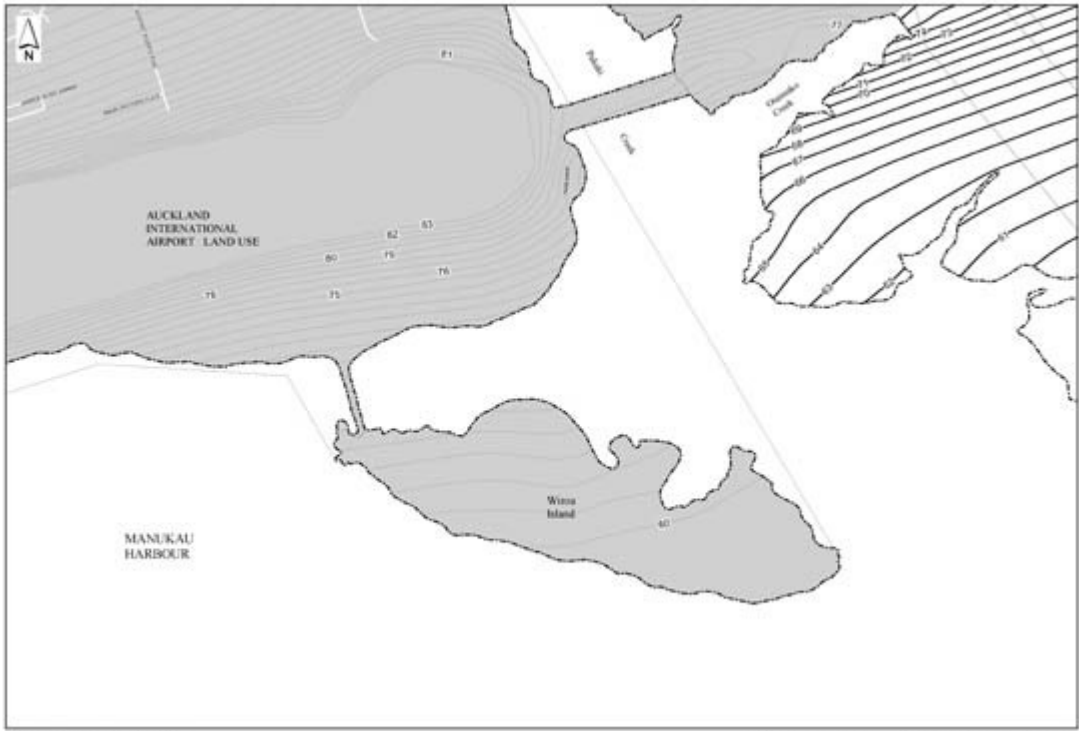


Figure 4 - Future Aircraft Noise Contours (FANCs)
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Figure 4 - Future Aircraft Noise Contours (FANCs)

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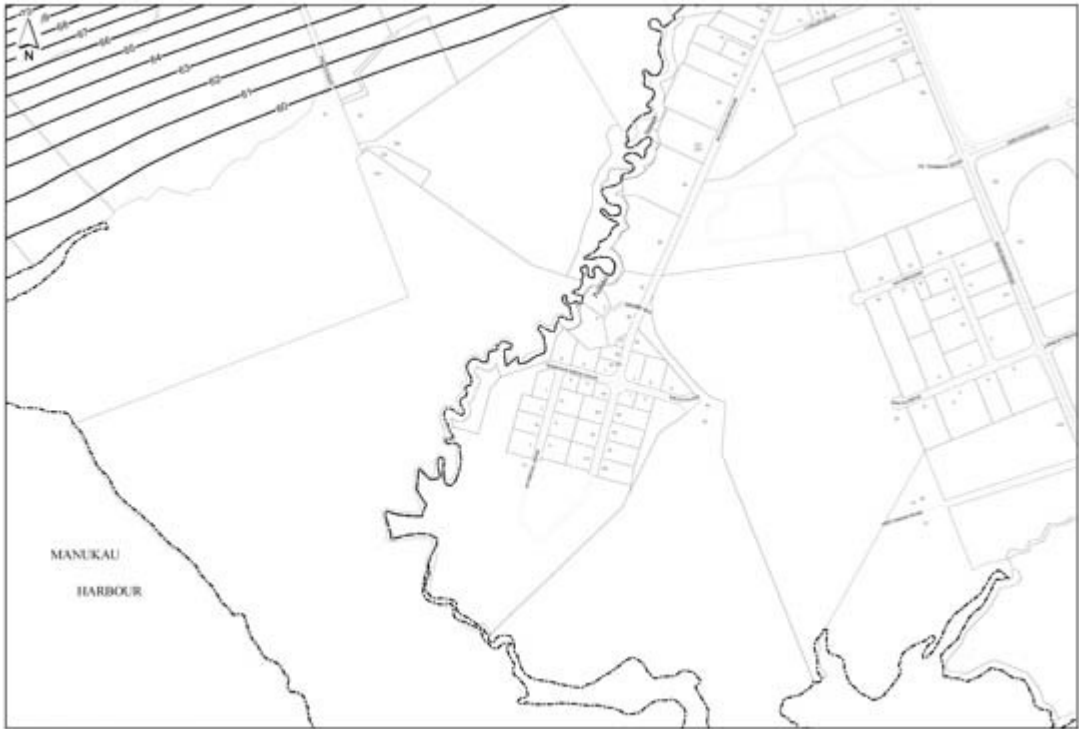


Figure 4 - Future Aircraft Noise Contours (FANCs)

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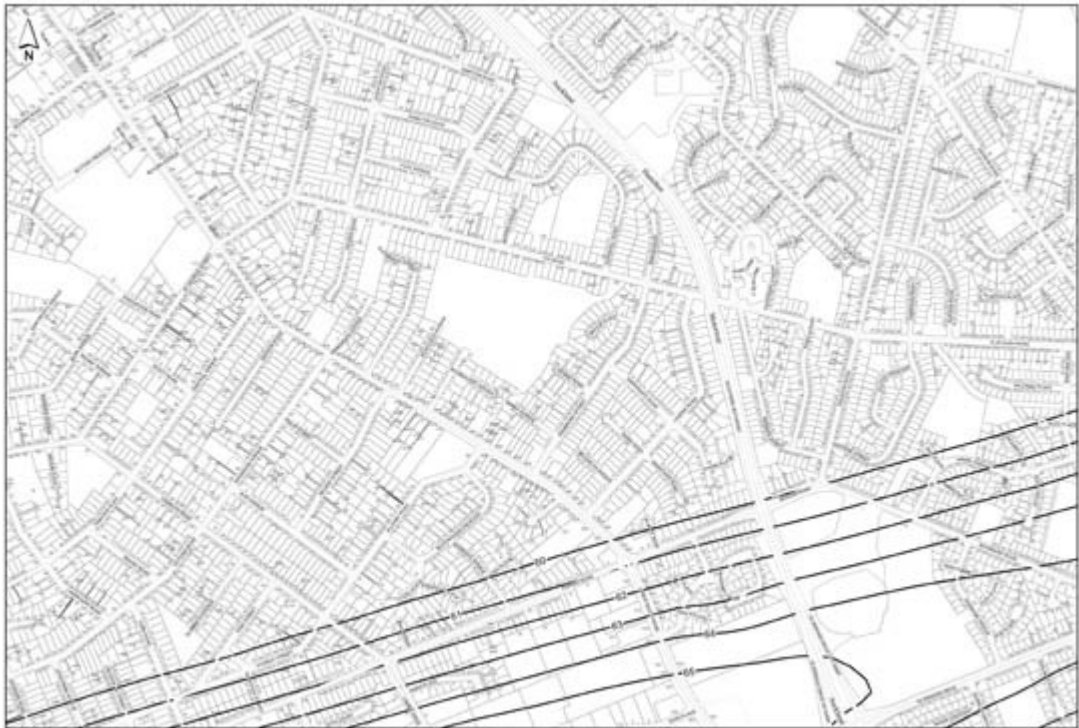


Figure 4 - Future Aircraft Noise Contours (FANCs)
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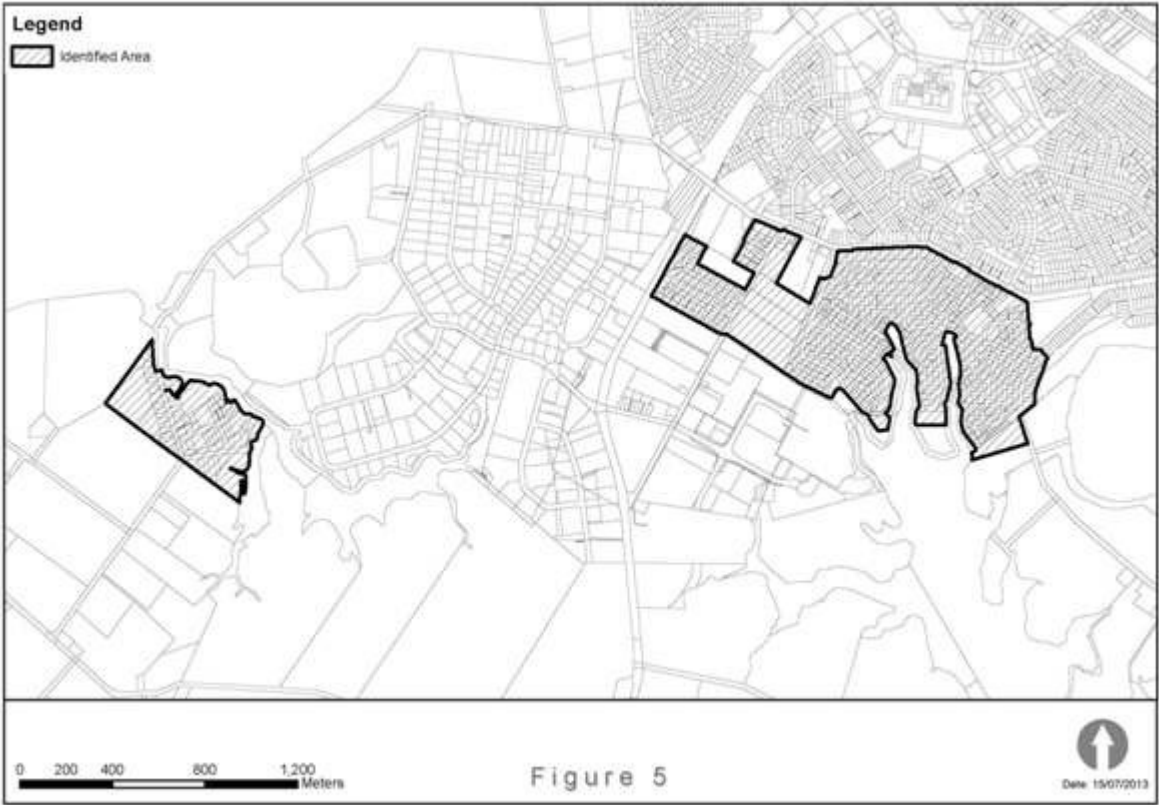


Figure 4 - Future Aircraft Noise Contours (FANCs)
APPENDIX 1



Figure 4 - Future Aircraft Noise Contours (FANCs)
APPENDIX 1

Figure 5 - Identified Area



1101 Auckland International Airport - Renton Road Area

Designation Number	1101
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Auckland International Airport Ltd
Location	200 and 260 Ihumatao Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 231A, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Pursuant to section 184(1)(c) of the RMA this designation shall only lapse when this unitary plan ceases to be operative

Purpose

Activities within the designation are limited to:

- i. Runways, taxiways and other aircraft movement areas and aprons;
- ii. Aircraft Operations;
- iii. The repair, maintenance and servicing of aircraft;
- iv. Air freight operations which require airside frontage;
- v. Landscaped open space buffer areas (refer Figure 1A.1);
- vi. Activities that are ancillary to the above activities; and
- vii. Buildings and other Structures required for the above activities.

Conditions

1. The following conditions from Designation AIAL 1100 shall apply to Designation AIAL 1101:

- a. Condition 1 (Definitions)
- b. Condition 9 (Noise Management Plan)
- c. Condition 9A (Reporting of Exceptions)
- e. Condition 13(b) (Engine Testing on Aircraft)
- f. Condition 13(c) (Engine Testing on Aircraft)
- g. Condition 17 (Public Access to the Coastal Marine Area and Fossil Forest);

and pursuant to section 184(1)(c) of the RMA this designation shall only lapse when this unitary plan ceases to be operative. Note: in relation to this condition, references to the “designated area” in the conditions to Designation AIAL 1100 shall be read as references to the land to which Designation AIAL 1101 applies.

In addition, the following conditions also apply to this designation:

2. Auckland International Airport ("the Airport") activities within Designation AIAL 1101 shall be limited to:

- a. Runways, taxiways and other aircraft movement areas and aprons;
- b. Aircraft Operations;
- c. The repair, maintenance and servicing of aircraft;
- d. Air freight operations which require airside frontage;
- e. Landscaped open space buffer areas (refer Figure AIAL 1A.1);
- f. Activities that are ancillary to the above activities; and
- g. Buildings and other Structures required for the above activities.

3. An outline plan of any work in the designated area must be submitted to the Council pursuant to section 176A of the RMA, unless, in the case of minor works, the Council waives the requirement for an outline plan.

4. The outline plan shall include, in addition to the matters required under section 176A of the RMA:

- a. A report or reports covering the following matters, as relevant to the scale and location of the works proposed:

Site Layout

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- i. Whether the site layout is compatible with the site development (existing or potential) of adjoining sites and the streetscape;
- ii. Whether the building aligns with Oruarangi Road or realigned Renton Road (if relevant), to create a clear spatial system along the roads;
- iii. Whether buildings align with other buildings on the site or (existing or potential) on adjoining sites;

Design and External Appearance of Buildings and Structures

- i. Whether site levels and building form, colour and texture are used to reduce the apparent height and bulk of large buildings where viewed from Ihumatao Road, Oruarangi Road and realigned Renton Road;
- ii. Whether building platforms are designed in such a way that one building is not more dominant than neighbouring buildings;
- iii. Whether rooftop mechanical equipment is integrated into roof forms or otherwise concealed from adjacent roads and reserves;
- iv. Whether there will be a consistency of building materials and colours between buildings (including buildings on adjoining sites);
- v. Whether service areas and loading docks, car parks, loading docks are designed to face away from the front yard;
- vi. Whether any security fencing is integrated with planting and buildings so as to avoid any adverse visual effect on Ihumatao Road and realigned Renton Road;
- vii. Whether low glare, high cut-off exterior lighting is used, and integrated with the architectural and landscape design;
- viii. Whether signage is integrated with the architectural and landscape design.

Landscape Treatment

- i. Whether existing planting along the Ihumatao Road frontage is to be retained and/or enhanced and, in the area shown as “supplementary landscape planting” on Figure AIAL 1A.1, whether the landscape planting proposed will complement and be consistent with the planting approved under any Framework Plan for Policy Area F of the Auckland Airport Precinct.
- ii. Whether a continuity of planting along the realigned Renton Road frontage is to be achieved to enhance the streetscape;
- iii. Whether the proposed landscape design enables the site as a whole to relate positively to development on adjoining sites and the road, and neighbouring areas of open space;
- iv. Whether the landscape treatment is in scale with the proposed development, providing for the visual softening of large buildings and the screening of parking, loading and storage areas;
- v. Whether the form (including density, species, depth and height) of planting that is proposed to be undertaken within the site provides coherent design with existing trees and shelterbelts on and immediately adjacent to the site;
- vi. Whether the proposed plantings are to be placed so that they do not obstruct views of landscape or landmark features.

Land Modification

In relation to any land modification exceeding 200m³, details of the following:

- i. Alteration to Natural Landscape - Whether any earthcut or fill will remove existing vegetation, alter the existing topography of the site, or affect existing natural features including landforms, and the impacts on the area's amenity values and cultural values, including wahi tapu.
- ii. Site Stability and Erosion - Whether the effects from natural hazards will be avoided, remedied or mitigated, and the extent to which earthworks affect the stability and erosion potential of the site and surrounding site.
- iii. Topography in Relation to Adjacent Land - Whether the site contours and final contours co-ordinate with the final levels of adjoining land.
- iv. Flooding - Whether the earthworks and final levels will adversely affect overland flowpaths or increase the potential for flooding within the site or surrounding area.
- v. Utility Services - Whether the earthworks and final levels will adversely affect existing utility services.

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b. Evidence of consultation with an appropriately delegated representative/s of the Makaurau Marae and Te Kawarau Iwi Tribal Authority Incorporated, including confirmation whether the delegated representative/s has sighted the final version of the outline plan of works that is to be submitted to Council.

c. An analysis and prediction of the noise associated with the proposed works, so as to demonstrate compliance with Conditions 7-9 of this designation.

d. Details of traffic management proposals for the period of construction of the proposed works, and for the operation of the proposed activities once established.

e. The timetable for completion of works.

5. The land shown as "Landscape Buffer Area" in Figure AIAL 1A.1 shall be planted and developed in accordance with a Landscape Buffer Development and Landscape Treatment Plan 3 years prior to any building being erected in the Designation AIAL 1101 area or within 5 years of this designation being incorporated in the District Plan, whichever is the earlier date. The Landscape Buffer Development and Landscape Treatment Plan shall include provision for the following:

a. Maintaining Ellett House and its surrounds to an appropriate sustainable standards suitable for a productive use, and in accordance with recognised conservation principles.

b. Retaining the existing stone wall as a landscape and cultural heritage feature and ensuring that any planting will avoid archaeological site R11/2471 adjacent to the stone wall and the stone wall itself.

c. The establishment of appropriate native vegetation (eco-sourced where practical), "story board" signage and/or a tohu (monument) or plaque(s) to acknowledge archaeological sites, and Maori past presence, use and traditional relationship to the site.

d. Any security fencing is to be located on the airport side of the landscape buffer, i.e. to the east of the realigned Renton Road. No security fencing is to be located on or beside realigned Renton Road itself or on the western boundary of the designation.

e. Other than the signage required under c. or security signage, including in relation to .d above, no signage shall be visible from realigned Renton Road or Ihumatao Road.

6. In relation to Ihumatao and the realigned Renton Road boundaries of this designation, no part of any building within the designated area shall project beyond a building envelope contained by a 55 degree recession plane from points 2.5 metres above the edges of those roads (i.e. the maximum height = 2.5 metres plus 1.428 x distance from the edge of the road). For the purposes of this condition the edge of Ihumatao Road is defined by the south-western boundary of Ihumatao Road while the edge of realigned Renton Road boundary of the designation is defined by the south-eastern edge of the carriageway of the realigned Renton Road.

7. Noise from Aircraft Operations within the area of the Designation shall not exceed a Day/Night level (L_{dn}) of 55dB within the notional boundary of any dwelling within the Identified Area shown on Figure 5 attached to Designation AIAL 1100 (where the notional boundary is defined as a line 20m from any side of a dwelling or the legal boundary where this is closer to the dwelling). For the purpose of this control aircraft noise shall be measured in accordance with NZS6805:1992 and calculated as a 12 month rolling logarithmic average.

8. The noise from the testing of engines, which are in situ on an aircraft, within the designated area, combined, where relevant, with the noise from the testing of engines, which are in situ, on aircraft within the area of Designation 231, shall not exceed the following noise limits within the notional boundary of any dwelling within the Identified Area shown on Figure 5 attached to Designation AIAL 1100 (where the notional boundary is defined as a line 20m from any side of a dwelling or the legal boundary where this is closer to the dwelling):

7 day rolling average	55dB L _{dn}
10pm to 7am	75dB L _{Amax}

For the purpose of this control, the noise arising from testing of in situ aircraft engines shall be measured in

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accordance with NZS6801:2008 Acoustics: Measurement of Environmental Sound.

9. The noise from any use of the designated area for any purposes other than:

- a. Aircraft Operations;
- b. Testing of in situ aircraft engines; and
- c. The use of audible bird scaring devices for the discouragement of birds;

combined with, if relevant, the noise from any use of the area of Designation AIAL 1100 for the same purposes, shall not exceed the following noise limits within the notional boundary of any dwelling within the Identified Area shown on Figure 5 attached to designation AIAL 1100 (where the notional boundary is defined as a line 20m from any side of a dwelling or the legal boundary where this is closer to the dwelling).

Average Maximum Levels			Maximum
dB L _{Aeq} A			dB L _{Amax}
Monday to Saturday (0700-1800)	Monday to Saturday 6pm – 10pm (1800 – 2200) AND Sundays and Public Holidays, 7am – 10pm (0700 – 2200)	At all other times	10pm – 7am (2200 – 0700)
55	50	45	70

For the purpose of this control, other noise shall be measured in accordance with NZS 6801:2008 Acoustics - Measurement of Environmental Sound and assessed in accordance with NZS 6802:2008 Environmental Noise.

10. Changes to the Noise Management Plan (NMP) required by the Conditions attaching to Designation AIAL 1100 to address the area covered by this designation are to be presented to the ANCCG within 6 months of this designation being confirmed. AIAL shall invite comments from the ANCCG before finalising the changes to the NMP.

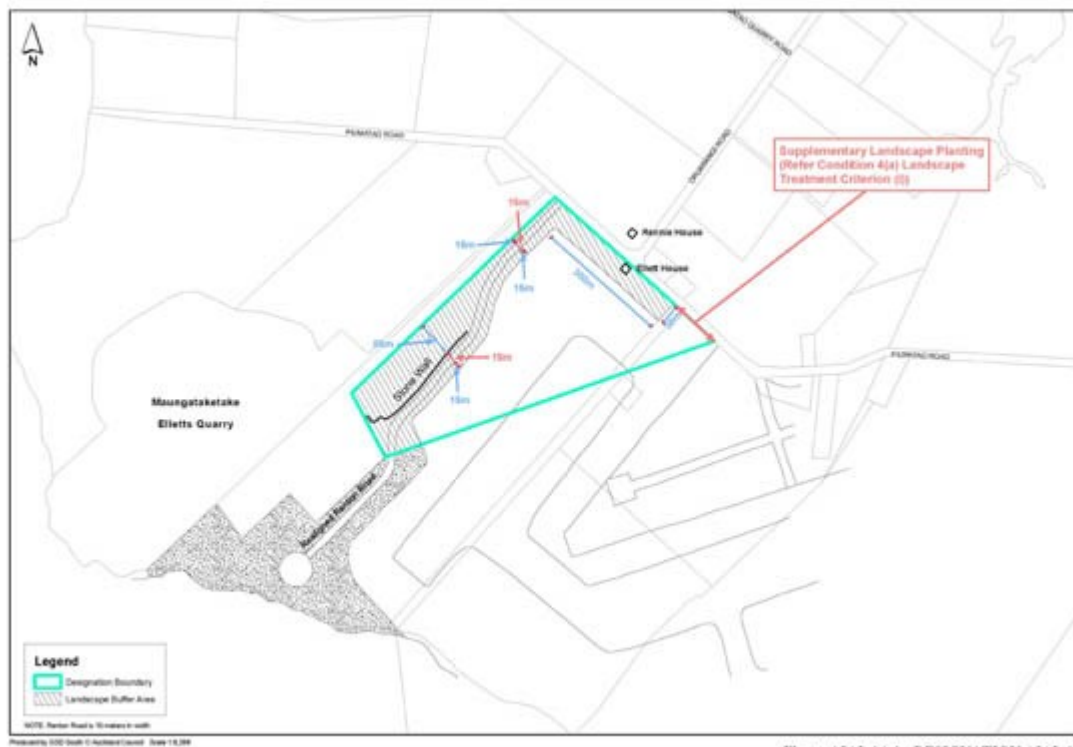
11. The existing portion of Renton Road shown on the attached diagram to be closed as part of the new designation be replaced by a new road over which public access is provided to the buried fossil forest located in the coastal banks of lot 2 DP 62092 and allotment 164 Manurewa parish. This condition complements condition 17 in Designation AIAL 1100.

12. In the event of archaeological features being uncovered during any works undertaken within the designation (e.g. shell midden, hangi, oven stones, pit depressions, defensive ditches, artefact material, koiwi tangata (human skeletal remains)), work shall cease within a 10 metre radius of the discovery and the Auckland Council, the New Zealand Historic Places Trust and the appropriate iwi authorities shall be contacted within 72 hours, so that appropriate action can be taken. Work should not recommence until the applicant has consulted with the iwi authorities and obtained New Zealand Historic Places Trust approval for the work to continue. Note: at the request of mana whenua, AIAL must make an area available for the reburial of any koiwi found within the designated area.

Attachments

Figure AIAL 1A.1 - Designation Area 1A

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1102 Obstacle Limitation, Runway Protection and Ground Light Restriction

Designation Number	1102
Requiring Authority	Auckland International Airport Ltd
Location	Vicinity of Auckland International Airport
Rollover Designation	Yes
Legacy Reference	Designation 232, Auckland Council District Plan (Manukau Section) 2002; Designation H05-04, Auckland Council District Plan (Isthmus Section) 1999; Designation 141 Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Part 1: Auckland International Airport, Specification for Obstacle Limitation Surfaces

1. Figure 1 to this designation together with this specification comprises the Auckland International Airport Specification for Obstacle Limitation Surfaces.

The Civil Aviation Act 1990 requires that hazards to aviation safety be controlled.

Obstacle Limitation Surfaces of an aerodrome are defined surfaces in the airspace above and adjacent to the aerodrome. These Obstacle Limitation Surfaces are necessary to enable aircraft to maintain a satisfactory level of safety while manoeuvring at low altitude in the vicinity of the aerodrome.

No obstacle shall penetrate the Obstacle Limitation Surfaces. An obstacle is defined as any object which is

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connected directly or indirectly to the ground or water and includes trees. In addition, no chimney shall discharge effluent through the Approach Slopes shown on Figure 2 to this designation at a velocity in excess of 4.3 metres per second.

2. Runway Centreline

2a. Existing Runway

Point A: This is a position located at the eastern end of the centreline of the existing runway. The position of Point A is shown on the Department of Survey and Land Information plan number SO 44954. In metric terms, the co-ordinate value of Point A is:

685,729.76m N

303,667.43m E

Co-ordinate values and bearings are in terms of the Geodetic Datum 1949 and origin of co-ordinates is Mt Eden, 700,000mN 300,000mE.

The western end of the existing runway centreline is 3635 metres west on a bearing of 251° 00'01" from Point A on Figure 1 to this designation.

2b. Proposed Second Runway

The eastern end centreline of the proposed second runway is defined as Point C on Figure 1 to this designation with geodetic co-ordinates of:

687,048.03m N

301,506.40m E

The western end centreline proposed second runway is defined as Point D on Figure 1 to this designation with geodetic co-ordinates of:

686,348.07m N

299,473.53m E

3. Runway Strips

The runway strips are areas at ground level 300 metres wide symmetrical about the runway centreline. The ends of the runway strips are 60 metres beyond the eastern and western ends of the defined runway centrelines.

4. Approach Slopes - General

The surfaces known as Approach Slope Surfaces meet requirements for both approach and takeoff. The Approach Slopes (inner edge) start at the points as specified in clauses 4a and 4b below and are symmetrical about the extension of the runway centreline. The Approach Slopes rise at a gradient of 1.2% and terminate at a point 152 metres above mean sea level (AMSL). The sides of the approach slope diverge from the runway centreline at a rate of 15%.

4a. Approach Slopes - Existing Runway

Eastern Approach Slope

Starting point - end of the eastern clearway, i.e. 213.36 metres east of Point A.

Width of inner edge - 346 metres.

Starting Level - 9.66 metres above mean sea level.

Western Approach Slope

Starting point - western end of the runway strip.

Width of inner edge - 342 metres.

Starting level - 6.83 metres above mean sea level.

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4b. Approach Slopes - Proposed Second Runway

Eastern Approach Slope

Starting point - end of the eastern clearway, i.e. 400,00 metres east of Point C.

Width of inner edge - 402 metres.

Starting Level - 17.00 metres above mean sea level.

Western Approach Slope

Starting point - end of the western clearway, i.e. 235.5 metres west of point D.

Width of inner edge - 353 metres.

Starting level - 17.00 metres above mean sea level.

5. Inner Horizontal Surface

The Inner Horizontal Surface is a flat planar surface at an altitude of 52 metres above mean sea level. The outer limits are located 4000 metres from and parallel to the outer sides and ends of the runway strips as depicted on Figure 1 to this designation. The corners of the rectangle are formed by a radius of 1500 metres.

6. Transitional Surfaces

The Transitional Side Surface slopes upwards and outwards from the sides of the runway strips at a gradient of 1:7 extending until they meet the Inner Horizontal Surface and Approach Slopes.

7. Conical Surface

The Conical Surface slopes upward and outwards from the periphery of the Inner Horizontal Surface at a gradient of 1:40 until reaching an elevation of 152 metres above mean sea level.

8. Procedure Turning Area Surfaces

There are two Procedure Turning Areas located to the east and west and bounded by the Conical Surfaces. The surfaces for the Procedure Turning Areas are at 152 metres above mean sea level or 21 metres above terrain whichever is the higher. The northern limit of both Procedure Turning Areas is 4000 metres north of the northern side of the proposed second runway strip. The southern limit of both Procedure Turning Areas is 4000 metres south of the southern side of the existing runway strip. The western limit of the western Procedure Turning Area is 14,000 metres west of the Inner Horizontal Turning Surface. The eastern Procedure Turning Area extends 16,000 metres east of the Inner Horizontal Surface.

9. Controlling Surface

At any point where any two surfaces overlap and are at differing elevations, the lower of the two surfaces shall apply.

Part 2: Restrictions Relating to Runway End Protection Areas

The Runway End Protection Areas (REPAs) shown on Figure 3 to this designation, are areas off the ends of both the existing and proposed second runways which are required to be free of obstructions or activities which could interfere with aeronautical navigational aids. The areas of the REPAs as required for operational purposes are also areas in which, statistically, there are greater chances of aircraft related accidents. It is considered desirable that the public's exposure to such risks be reduced by limiting the range of activities permitted in the REPAs. The following requirements for REPAs are intended to achieve both objectives which, to a large extent, are compatible.

The requirements for REPAs detailed in this section are based on the Federal Aviation Administration (FAA) Office of Airport Standards (Washington, DC, USA) Advisory Circular 150/5300-13 Airport Design and the Civil Aviation Authority (CAA) of New Zealand Advisory Circular AC 139-06A Aerodrome Design - Aeroplanes Above 5700kg MCTOW.

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The REPAs comprise fan-shaped areas plus a rectangular area which extends beyond the fan along the extended runway centre-line. The fan-shaped areas commence at the ends of the runway strips (defined in the Specification for Obstacle Limitation Surfaces) and extend equidistant about the extended runway centre-line to a point 750 metres from the end of the runway strips. The width of the fan at this point is 525 metres. The rectangular areas then extend beyond the fans and equidistant about the extended runway centre-lines, for a further 540 metres. The width of the rectangular areas is 120 metres.

All buildings, except those required for aviation purposes, are prohibited within the REPAs. For the purpose of this section, the word "building" shall have the meaning assigned to it in the Building Act 2004, except that the exclusions listed under Section 9(a), (ab), (ac), (b), (c), (f), (g), (h) (i) & (j) of that Act shall not apply and those objects shall be considered to be buildings. Any buildings erected in the REPA for the proposed second runway shall be removed unless the building has the written approval of Auckland International Airport Limited under section 176(b) of the Resource Management Act 1991.

In addition to buildings, all activities within the REPAs which generate or have the potential to generate any of the following effects are prohibited:

- a. Mass assembly of people;
- b. Release of any substance which would impair visibility or otherwise interfere with the operation of aircraft including the creation of smoke, dust and steam;
- c. Concentration of dangerous substances;
- d. Production of direct light beams or reflective glare which could interfere with the vision of a pilot;
- e. Production of radio or electrical interference which could affect aircraft communications or navigational equipment; and
- f. Attraction of birds.

Part 3: Requirements for Non-Aeronautical Ground Lights Adjacent to Extended Runway Centre Lines

CAA Advisory Circular AC 139-6 requires that any non-aeronautical ground light which, by reason of its intensity, configuration or colour, might cause confusion or prevent the clear interpretation of aeronautical ground lights, should be extinguished, screened or otherwise modified so as to eliminate such a possibility. For Auckland International Airport, this requirement currently applies to the Existing Runway only. In advance of the Northern Runway becoming operational a similar requirement will need to be introduced for that runway. The current requirement applies over a rectangular area, 1500 metres wide, extending equidistant either side of the extended runway centre-line for a distance of 4440 metres from the end of the runway strip (as defined in the Specification for Obstacle Limitation Surfaces). This area is shown in Figure 4 to this designation.

For ease of administration, Auckland International Airport Ltd requires that any light in the above area be prohibited from shining above the horizontal.

Attachments

Figure 1 - Specification for Obstacle Limitation Surfaces

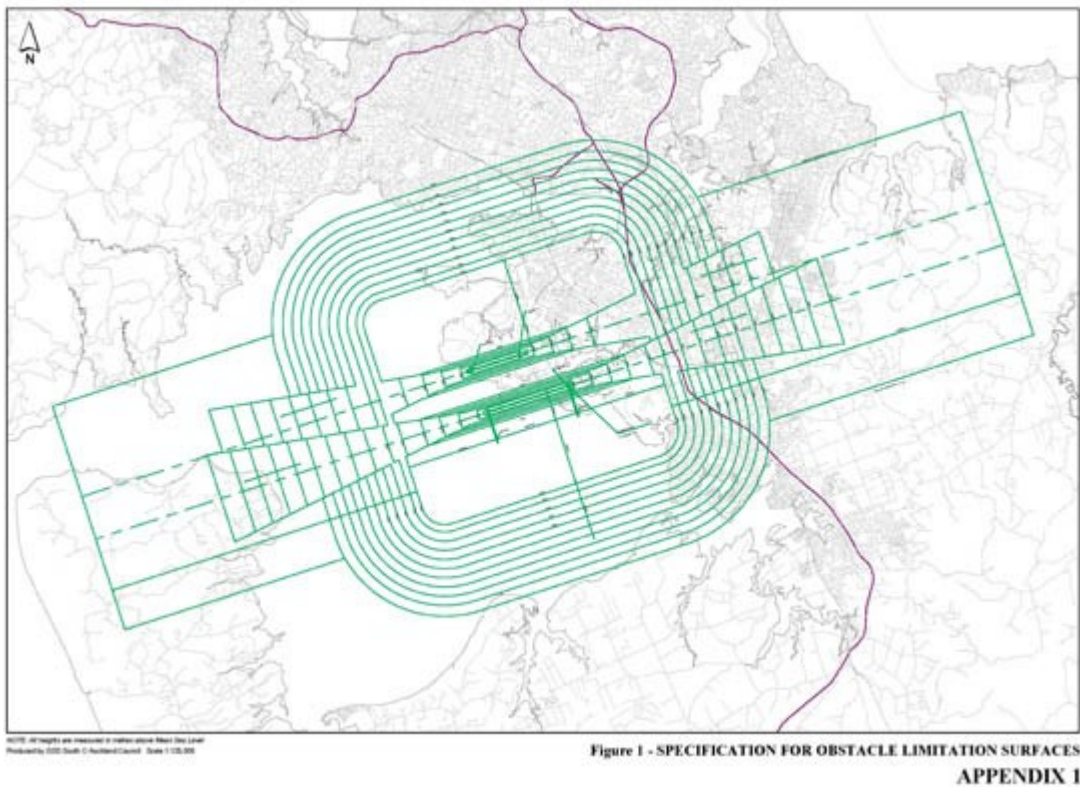


Figure 2 - Specification for Discharge to Air Rates Through Obstacle Limitation Surfaces

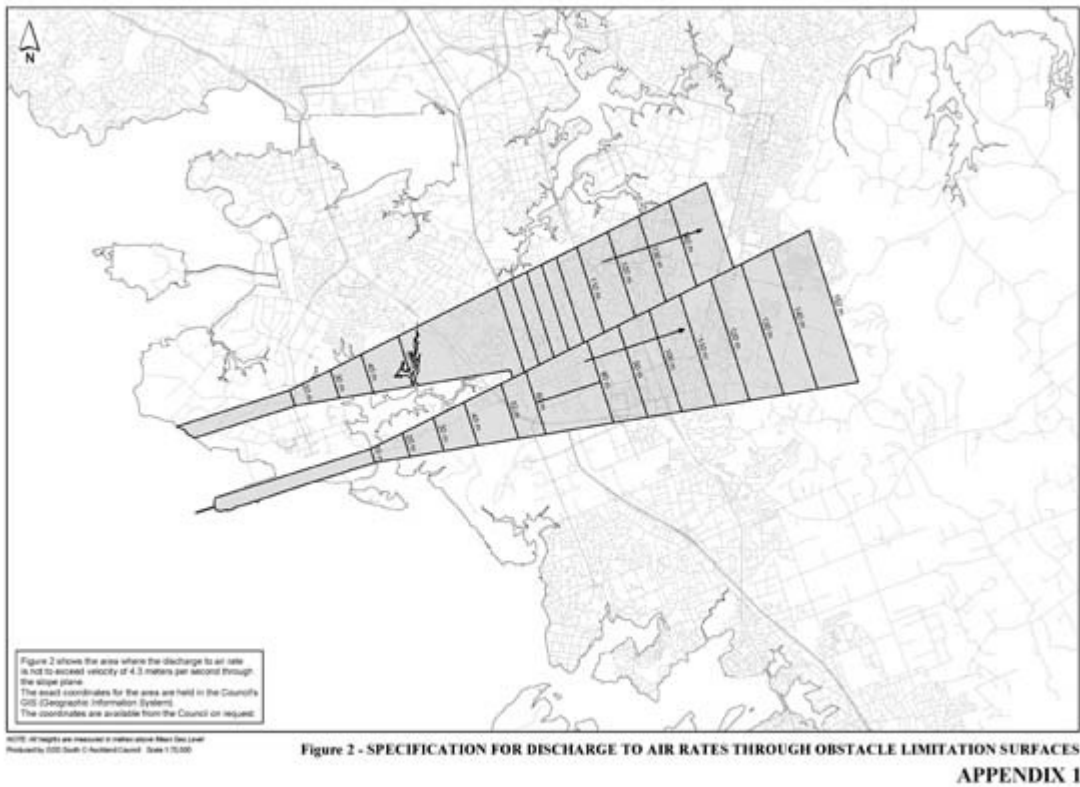


Figure 3 - Runway End Protection Areas

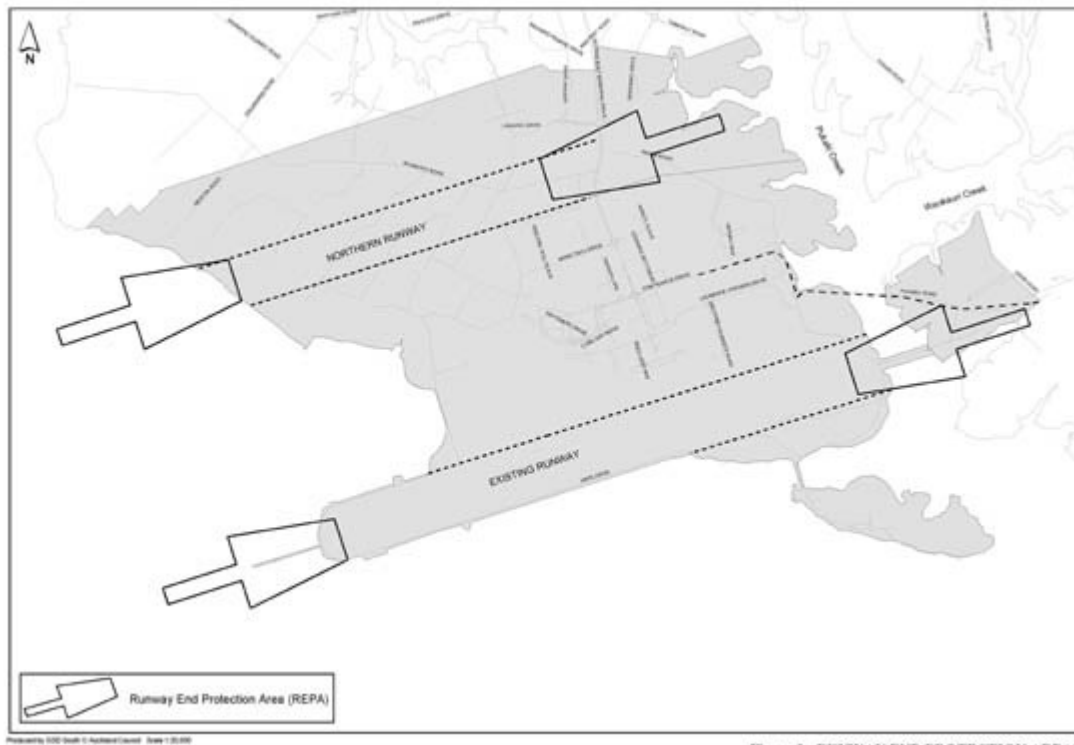


Figure 3 - RUNWAY END PROTECTION AREAS
APPENDIX 2

Figure 4 - Requirements for Non-Aeronautical Ground Lights



Figure 4 - REQUIREMENTS FOR NON-AERONAUTICAL GROUND LIGHTS
APPENDIX 3

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Designation Schedule - Auckland Transport (1/3)

North and West

Number	Purpose	Location
1400	Service lane and car park	Leal Place, Manly
1401	Road	Hauiti Drive to Blue Gum Drive, Warkworth
1402	Weiti Crossing	East Coast Road, Redvale (crossing Weiti River) to corner Whangaparaoa Road and Cedar Road, Whangaparaoa
1403	Road widening	55-67 and 76-90 Red Beach Road, Whangaparaoa
1404	Road widening	470-502, 473-475, 504-522A, 529-549, 540, 585-587, 593-601, 609-611, 616A, 618, 637, 640-644A, 663, 720-728, 736-752, 756-760 and 770A-776 Whangaparaoa Road, 2 Cedar Terrace, 1 and 4 Brightside Road, 1 Penton Road, 1 Tower Hill, 2 Homestead Road and 2 Ladies Mile, Whangaparaoa
R1405	Public off-street parking ...	8 Percy Street, Warkworth
1406	Car park	Wharf Street, Warkworth
1407	Road widening	Corner of Hudson Road and State Highway 1, Warkworth
1408	Public car park	7A Rawene Road and 204 Hinemoa Street, Birkenhead
1409	Public car park	21 Sunnyhaven Avenue, Beach Haven
1410	Public car park	29 Anzac Road, Browns Bays
1411	Public car park	5 Bute Road, Browns Bay
1412	Public car park	472 Beach Road, Murrays Bay
1413	Public car park	3 Montrose Terrace, Mairangi Bay
1414	Public car park	115 Lake Road and 49-51 Pearn Terrace, Northcote Commercial Centre
1415	Public car park	1A Jutland Road, Hauraki
1416	Public car park	14 Huron Street and 15 Northcroft Street, Takapuna
1417	Public car park	40 Anzac Street, Takapuna
1418	Public car park	139 Kitchener Street, Milford
1419	Public car park	3-5 Fleet Street, Devonport
1420	Constellation Bus Station	62 Parkway Drive, Albany
1421	Albany Bus Station	A250 Oteha Valley Road and 125 McClymonts Road, Albany
1422	Intersection upgrade to provide priority access to the North Shore Busway for buses/high occupancy vehicles	Onewa Road and Sylvan Avenue, Northcote
1423	Akoranga Station	20 Takapuna Landing, Takapuna
1424	Akoranga Station link road	Takapuna Landing, Takapuna

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1425	Akoranga Pedestrian Overbridge	20 Takapuna Landing (Akoranga Station), Takapuna (over State Highway 1) to 72 Akoranga Drive (Akoranga Campus), Northcote
1426	Westlake Station	Shakespeare Road (adjoins No. 78 Taharoto Road), Takapuna
1427	Sunnynook Station	168Z Sunnynook Road, Sunnynook
1428	Constellation Drive Station	62 Parkway Drive, Rosedale
1429	Wairau Road / Taharoto Road transport corridor widening and associated works	7-15 Wairau Road and 78Z Taharoto Road, Milford
R1430	Public off-street parking ...	23-27 Sir Peter Blake Parade, Bayswater
1431	Road widening	107 Chivalry Road, Glenfield
1432	Road widening	43, 47-51, 55, 59, 65, 69 and 106 Anzac Street, Takapuna
1433	Transport corridor	Fred Taylor Drive, Massey/Whenuapai
1434	Road widening purposes	125A Metcalfe Road to 46 Ranui Station Road, Ranui
1435	Road widening purposes	Waitemata Drive (over Birdwood Park) to Waitemata Drive West, Ranui
1436	Public car parking purposes	331 Great North Road, and 4-6 and 14-20 Edmonton Road, Henderson
1337	Transport corridor	Hobsonville Road, Hobsonville
1438	Public car parking purposes	16 Delta Avenue, New Lynn
1439	Road widening access purposes	7 Fairbanks Place, Glendene
1440	Road widening access purposes	16A Glynnbrook Street, Te Atatu South
1441	Road widening access purposes	35 Ranui Station Road, Ranui
1442	Service lane	342-344 Great North Road (Henderson Square A), Henderson
1443	Service lane	2 Rialside Avenue (Henderson Square B), Henderson
1444	Service lane	McNaughton Way to 11 High Brown Drive, New Lynn
1445	Service lane	60 James Laurie Street to 240C-D Great North Road, Henderson
1446	Road widening purposes	98 Birdwood Road and 39-59 Bradnor Meadows Drive, Ranui
1447	Road widening purposes	2-16, 24-26, 28-30 Clark Street, New Lynn
1448	Road widening purposes	1-3 Edmonton Road, Henderson

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1449	Road widening purposes	267-287, 290-300, 295-297A, 301-309, 304-318A, 311-325, 429-447, 450, 4004-4012, 4007-4035, 4018, 4022-4024, 4040-4048, 4052-4054, 4070, 4087-4131, 4092-4094, 4098 and 4104-4118A Great North Road, 1-3 West Coast Road, 1 and 2 Montel Avenue, 2 Blacklock Avenue and 1 Buscomb Avenue, Henderson to Te Atatu
1450	Road widening purposes	6-8, 14, 122-134, 211-221 Lincoln Road and 1-3 Swanson Road, Henderson
1451	Road widening purposes	47-55A, 52-54, 58, 78, 80A-82, 86-96, 651-659, 654-656, 676-682, 686, 703-709, 713-733, 708-720, 739A-747, 753-761, 760, 765, 780-786 and 849 Swanson Road, 2 Church Street, and 2 and 13 Knox Road, Swanson
1452	Road widening purposes	241-275, 272-294, 281-314, 300-326, 330-332, 338-342 and 354-358 Te Atatu Road South, 93 Royal View Road, 1, 82 and 85 Jaemont Avenue, 1A and 2A Covil Avenue and 2A Bridge Avenue, Te Atatu
1453	Road widening purposes	2-14, 9-11, 17-35, 30, 40, 44-54, 45-49, 53, 58, 58-64, 65-171A, 68-68A, 74-114 and 118-160 Titirangi Road, 2 Margan Avenue and 1 and 2 Northall Road, Titirangi
1454	Road widening purposes	1-23, 2, 24-34, 25-33, 37-47, 53-59, 63A-141, 64-186, 198-274, 273-347, 282-312, 318-320, 326-360, 351A-409, 370-386 and 390-400 West Coast Road, 69-71 Clayburn Road and 1 Pleasant Road, Glen Eden
1455	Road widening purposes	1-25, 12-40, 37, 47-55A, 52-54, 58, 78, 80A-82, 86-88, 92-94 Swanson Road, Henderson
1456	Pedestrian mall	Pearn Crescent, Northcote
R1457	Public off-street parking ...	32 College Road, Northcote
R1458	Public off-street parking ...	76 Swanson Road, Henderson
R1459	Public off-street parking ...	2 Fenwick Avenue, Milford
R1460	Public off-street parking ...	3 Harrison Street, Wellsford
R1461	Public off-street parking ...	12 Channel View Road, Takapuna
R1462	Public off-street parking ...	R78 Hurstmere Road, Takapuna
R1463	Public off-street parking ...	20 Clarence Street, Devonport
R1464	Public off-street parking ...	5 Trading Place, Henderson
R1465	Public off-street parking ...	85 Hurstmere Road, Takapuna
R1466	Public off-street parking ...	41 Glenmall Road, Glen Eden
1467	Road widening	Fred Taylor Drive, Massey/Whenuapai
1468	Road widening	Hobsonville Road, Hobsonville

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1400 Service Lane and Car Park - Leal Place

Designation Number	1400
Requiring Authority	Auckland Transport
Location	Leal Place, Manly
Rollover Designation	Yes
Legacy Reference	Designation 140, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Service lane and car park.

Conditions

No conditions.

Attachments

No attachments.

1401 Road - Hauiti Drive

Designation Number	1401
Requiring Authority	Auckland Transport
Location	Hauiti Drive to Blue Gum Drive, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 162, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 15 (fifteen) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1402 Road - Weiti Crossing

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Designation Number	1402
Requiring Authority	Auckland Transport
Location	East Coast Road, Redvale (crossing Weiti River) to corner Whangaparaoa Road and Cedar Road, Whangaparaoa
Rollover Designation	Yes
Legacy Reference	Designation 167, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Weiti crossing.

Conditions

1. General

1.1 The scope and extent of the works (including the horizontal and vertical alignment of the carriageway) within the designation shall be generally in accordance with the plans contained in the Notice of Requirement dated 14 April 1998 (Appendix D – Designation drawings) and referenced as Figures A1.0 to A1.3 (BCHF Cad File No. 6507C935.DWG to 6507C938.DWG Rev. E) and Figures B1.1 to B1.4 (BCHF Cad File No. 6507C931.DWG to 6507C934.DWG Rev.D.)

1.2 The designation and proposed works on the area of land subject to the designation shall not include any toll-booth type facilities or structures.

1.3 Before any construction is commenced an Outline Plan shall be submitted in terms of section 176A of the Resource Management Act 1991 to council. The outline plan may be submitted in stages to reflect any proposed staging of the physical works. This outline plan is to be submitted to council for assessment and recommendations to the council. The outline plan shall show those matters required to be included by section 176A(3) of the Act. It shall be prepared in consultation with directly affected property owners and occupiers with the record of such consultation being documented in the outline plan.

1.4 Prior to the start of physical works, the requiring authority (or its agent) shall obtain all resource consents required under the Resource Management Act 1991 and the Historic Places Act 1993.

2. Design Considerations

2.1 The requiring authority (or its agents) shall incorporate retaining walls into the detailed design to reduce the property effects at critical parts of the alignment, in general accordance with the details identified in Appendix C of the requiring authority's closing submissions.

2.2 As part of the upgrading works the requiring authority (or its agents) shall, subject to the proper performance of its statutory functions, provide suitable pedestrian crossing facilities at the following general localities along Whangaparaoa Road:

- a. Brightside Road;
- b. Weiti Crossing / Whangaparaoa Road intersection;
- c. Stanmore Bay Road;
- d. Ladies Mile;
- e. Pedestrian linkage of Duck Creek Road across the Weiti Crossing; and
- f. Such other places as may be identified in future analysis as necessary for safety purposes.

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2.3 The requiring authority (or its agents) shall permit vehicle access from the Weiti Crossing road alignment to the following parcels of land in consultation with the landowners and in accordance with the provisions of the Local Government Act 1974:

- a. Lot 3 DP 95982 and Lot 1 DP 100141 being respectively the Kilmacrennan Farm and Kerrykeel Farm which are farmed as one unit known as Weiti Station (Green and McCahill Group submission); and
- b. Part Lot 1 DP 95984, Lot 1 DP 51255 and Lot 1 DP 49038 being land owned by Green and McCahill Holdings Ltd.

Explanation:

Given the size of the Green and McCahill Holdings Ltd landholding (908 hectares) two access points would be appropriate. The third access point sought by this company includes access to the Stillwater settlement which should be the subject of other considerations apart from this designation.

3. Noise Impact Mitigation

3.1 During construction, New Zealand Standard 6803P : 1984, The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work shall be complied with and the principles for managing noise set out within that document shall be formally adopted.

3.2 The road alignment shall be designed to achieve the following noise standards:

- a. For the properties identified in Table A – the relevant traffic noise design limit contained in Table A.
- b. For all other properties – the relevant noise standard contained in NZS6806:2010 Acoustics - Road Traffic Noise - New and altered roads.

Table A:

Location	Traffic Noise Design Limits Leq (24 hours)
Dwelling A (at the western end of the proposed road as indicated on the AEE document). This will require mitigation from the expected noise levels.	65 dBA
All other existing* dwellings west of the Weiti River Dwelling 1 on Lot 1 DP 138956 Dwelling 2 on Lot 4 DP 64380 Dwelling 3 on Lot 6 DP 64380 Dwelling 4 on Lot 7 DP 64380 This will require mitigation from the expected noise levels particularly for the properties at 173, 250, 301, 305 and 307 Duck Creek Road and that identified as Dwelling B in the AEE document along Weiti Station Road.	55 dBa
Dwellings at 7 to 37 Cedar Terrace inclusive.	62 dBa
All existing* dwellings on Whangaparaoa Rd.	65 dBa or ambient (whichever is greater)

*Existing at 14 April 1998

Note:

The assessment point for Table A is 1m in front of the most exposed point on the facades of the dwellings.

3.3 In addition to the standards in Table A above, the road alignment shall be designed with the appropriate noise mitigation measures to achieve compliance with a single event noise limit of 78 dBA Lmax at the façade of any residential building situated within 12 metres from the new road carriageway. This shall not apply to residential buildings currently located within 12 metres of the existing road carriageway.

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Explanation:

This is in accordance with the NZS6806:2010 Acoustics - Road Traffic Noise - New and altered roads.

3.4 If it is impracticable to meet the Design Limits in the above Conditions 3.2 and 3.3, then prior to completion of the road widening, the requiring authority (or its agents) shall, with the agreement of the owner of the dwelling and if so required by them, provide insulation and, if required, mechanical ventilation to all living rooms (including kitchens) and bedrooms, to ensure that an internal criterion of 40 dBA Leq (24 hours) is not exceeded. If it is impracticable or uneconomic to design mitigation to achieve this internal criterion then the requiring authority (or its agents) shall, with the agreement of the owner, and at a price not exceeding market value, purchase the property.

3.5 Without limiting the requirements for consultation imposed under condition 3.4, the requiring authority shall consult with the owners of 236 Duck Creek Road, being Part Lot 3 DP 26549 and 266 Duck Creek Road, being Lot 2 DP 29403 ("the Webster properties") in relation to the location, nature and extent of any proposed noise mitigation measures.

3.6 In undertaking this consultation the requiring authority shall give special consideration to the need for additional or alternative noise mitigation measures which mitigate to the greatest extent practicable the acoustic and amenity effects of the designation upon the Webster properties within the noise limit set out in condition 3.2.

3.7 In undertaking consultation with the owners of the Webster properties the requiring authority shall:

- a. provide copies to the owners of all relevant reports and plans prepared by it in relation to the proposed noise mitigation measures;
- b. ensure that the owners have at least two weeks to peruse this material and respond to the requiring authority with their position; and
- c. the requiring authority shall obtain (at its reasonable cost) a peer review of the proposed mitigation measures and consequential effects on the Webster properties to identify other mitigation measures which may be cost effective and meet the noise limits set out in condition 3.2 and shall give special consideration to the findings of any peer review in deciding what noise mitigation measures it implements for the Webster properties.

4. Ecological Impact Mitigation

4.1 The requiring authority (or its agents) shall, in conjunction with the council and in consultation with directly affected property owners and occupiers, including the Queen Elizabeth II National Trust, produce the following programmes:

- a. An Ecological Mitigation Programme that outlines the methods and implementation and monitoring processes to be used to avoid, remedy or mitigate adverse effects on the environment, particularly in regard to indigenous vegetation, ecosystems and species, geological features and areas of wildlife habitats; and
- b. A Restoration Planting Programme that outlines the methods and implementation and monitoring processes to restore areas of indigenous vegetation, ecosystems or wildlife habitat likely to be affected by the proposed works.

The programmes shall be submitted as part of the outline plan.

4.2 Without limiting the requirements for consultation imposed under condition 4.1, the requiring authority shall consult with the owners of the Webster properties in relation to the location, nature and extent of any proposed ecological mitigation measures.

4.3 In undertaking this consultation the requiring authority shall give special consideration to the need for mitigation measures which mitigate to the greatest extent practicable adverse effects of the designation and related works have upon existing trees and vegetation on the Webster properties.

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4.4 In undertaking consultation with the owners of the Webster properties the requiring authority shall:

- a. Provide copies to the owners of all relevant reports and plans prepared by it in relation to the proposed ecological mitigation measures; and
- b. Ensure that the owners have at least two weeks to peruse this material and respond to the requiring authority with their position; and
- c. The requiring authority shall obtain (at its reasonable cost) a peer review of the proposed ecological mitigation measures and consequential effects on the Webster properties and shall give special consideration to the findings of any peer review in deciding what ecological mitigation measures it implements for the Webster properties.

5. Visual Impact Mitigation

5.1 A Visual Mitigation Plan shall be prepared by the requiring authority (or its agents) in consultation with directly affected property owners and occupiers, including the Queen Elizabeth II National Trust. The plan shall incorporate, where relevant, the recommendations of the ecological mitigation programme and the restoration planting programme and be submitted as part of the outline plan.

The Visual Mitigation Plan shall include, but not be limited to, details of all proposed planting (including species, species sizes, densities and locations), the planting programme and the required maintenance programme. Existing trees and vegetation on the properties are to be included in any maintenance programme. Attention shall also be paid to the angle and extent of cut and batter slopes through highly visible ridgelines, for example where cut and batter slopes and the proposed roadway would be viewed from properties in Duck Creek Road. In the event that noise mitigation measures such as bunds or barriers are to be employed then these are also to be incorporated in to the visual mitigation plan.

5.2 Without limiting the requirements for consultation imposed under condition 5.1, the requiring authority shall consult with the owners of the Webster properties in relation to the location, nature and extent of any proposed visual mitigation measures proposed.

5.3 In undertaking this consultation the requiring authority shall give special consideration to the need for measures which mitigate to the greatest extent practicable adverse effects of the designation on the Webster properties. When undertaking consultation in respect of this issue any noise mitigation measures (such as bunds or barriers) that are employed to address the noise effects of the designation on the Websters properties are also to be considered by the requiring authority.

5.4 In undertaking consultation with the owners of the Webster properties the requiring authority shall:

- a. Provide copies to the owners of all relevant reports and plans prepared by it in relation to the proposed ecological mitigation measures;
- b. Ensure that the owners have at least two weeks to peruse this material and respond to the requiring authority with their position; and
- c. The requiring authority shall obtain (at its reasonable cost) a peer review of the proposed mitigation measures and consequential effects on the Webster properties and shall give special consideration to the findings of any peer review in deciding what visual mitigation measures it implements for the Webster properties.

6. Archaeological

6.1 Prior to construction and the obtaining of any necessary consents under the Historic Places Act 1993 the requiring authority (or its agents) shall undertake further investigation of archaeological sites R10/943 and R10/944 if these sites are affected by the proposed works or immediately adjoin the proposed works.

6.2 The archaeological sites recorded in the immediate vicinity of the proposed works shall be clearly marked on construction plans to be provided to the Council and pegged out/fenced off prior to, and during the period of, construction.

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7. Vibration

7.1 The road alignment shall be designed with due regard to the effects of vibration.

7.2 In the event that the requiring authority receives, in respect of any building existing as at 14 April 1998, a complaint of vibration induced by construction activities or by traffic on completion of the widened/realigned section of Whangaparaoa Road, then the requiring authority shall:

- a. Monitor traffic induced vibration at location(s) from which complaints have been received where considered appropriate by the Auckland Council; and
- b. Where construction vibration levels exceed the relevant standards of ISO 2631-2, then the requiring authority shall implement practicable mitigation measures.

8. Stormwater

8.1 The requiring authority (or its agents) shall, in consultation with the Council:

- a. Provide suitable detention of concentrated stormwater flows which arise from construction works and the completed roadway to avoid, as far as is practicable, stream erosion by the discharging of this stormwater;
- b. Design, install and operate sediment control ponds to remove, to the maximum extent practicable, sediment from all concentrated discharge from the earthworks;
- c. Arrange all stormwater treatment devices in accordance with the Auckland Council's Technical Publication No. 10 being the Design Guideline Manual : Stormwater Treatment Devices, dated 2003; and
- d. Take all practicable measures to ensure stormwater is not discharged into tributaries or overland flow paths which ultimately directly flow into the Okura River Estuary.

9. Physical Works Contract

9.1 All contract documentation for physical works shall include the designation conditions, the approved outline plan and any other resource consents (including conditions) held for the project.

9.2 Construction shall be limited to the following hours:

- a. Weekdays: 7.00 a.m. to 6.00 p.m.;
- b. Saturdays: 8.00 a.m. to 4.00 p.m.; and
- c. Sundays and Public Holidays: No work.

9.3 Construction can be extended to the hours of 7.00 a.m. to 6.00 p.m. every day (with the specific consent of the Auckland Council) between East Coast Road and the northern boundary of the Weiti Forest with the agreement of Green and McCahill Ltd and Green and McCahill Holdings Ltd or any successors in title.

9.4 At all times reasonable access shall be maintained to properties directly affected by the construction and operation of the Weiti Crossing and the Whangaparaoa Road widening unless agreement is reached with the property occupier that access can be temporarily stopped.

10. Public Notification

10.1 At six-monthly intervals from the date of this decision the requiring authority (or its agents) shall notify all property occupiers directly affected by the designation of the current status of the project and the estimated date of commencement of final design and construction. In addition, an advertisement is to be placed in the "Rodney Times" outlining the above information.

10.2 A Public Notification Plan shall be prepared and submitted for the approval of the Auckland Council prior to the start of physical works. The plan shall include, but not be limited to, the following:

- a. Dates for the release of newsletters to directly affected and adjoining property occupiers. These letters shall include details of the construction programme and a single point of contact for the requiring authority (or its agents) for any concerns or enquiries relating to the project, including a contact person name and a telephone and facsimile number; and
- b. Details of proposed signage to advise motorists of periods of likely traffic delays.

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11. Duration of Designation

11.1 In accordance with s.184 of the Resource Management Act 1991, this designation will lapse on the expiry of 10 (ten) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

12. Other

12.1 Prior to preparing an assessment of effects upon the environment under s. 88 of the Act for the resource consents required from the council, the requiring authority (or its agents) shall prepare a Scoping Report for the consideration of the council. This shall indicate what is to be addressed in the assessment of effects and allow some agreement to be reached between the parties prior to the detailed analysis required for the assessment.

13. Costs

13.1 Pursuant to s.36 of the Resource Management Act 1991, the requiring authority shall be responsible for paying administrative charges relating to receiving, processing and making a decision in respect of the requirement. The total amount payable will be communicated to the requiring authority within two months of the process being completed.

14. Local access to Stillwater Community

14.1 Safe and efficient two-way access to the Stillwater community (on both sides of the designated route) shall be provided, including throughout the construction period. Such access shall include provision for public transport (including bus stops) and for the safe and efficient movement of school buses and boat trailers. The design of any such access shall be undertaken in full consultation with the Stillwater Ratepayers and Residents Association, the owners of the Webster properties and directly affected members of the Stillwater community.

14.2 Following such consultation, the requiring authority will submit the proposed access design to an independent auditor for a safety audit prior to construction. The cost of this audit is to be met by the requiring authority.

15. Water Supply

15.1 During each construction season (1 October – 30 April) the requiring authority shall periodically check and wash down any residences (including the roof) which are located along the designation route and which are affected by the construction of the bridge and its approaches. The cost of this cleaning will be met by the requiring authority.

15.2 The requiring authority will test the water quality of the bores at 165 Duck Creek Road, being the land described in 113B/679 (North Auckland Registry), and 236 Duck Creek Road, being the land described in certificates of title 682/218 and 1020/274 (North Auckland Registry), on a monthly basis.

15.3 In the event that either of the bores at 165 or 236 Duck Creek Road becomes contaminated, the requiring authority will provide an equivalent alternative free water supply.

15.4 The requiring authority will test the water quality of each domestic water tank located along the designation route, including the Webster properties, affected by construction of the bridge and its approaches on a monthly basis during the construction season and for one month following (1 October – 31 May) of each year of the construction period. If the water in any such tank is contaminated, the requiring authority will immediately, and at its cost entirely, have any such tank cleaned out and refilled.

16. Land Stabilisation

16.1 The requiring authority will conduct a “before and after” dilapidation survey of the properties (including the

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interiors of buildings) located along the designation route, including the Webster properties to assess any effects as a result of construction of the bridge and its approaches.

16.2 In any agreements entered into with any third party to carry out construction of the road and bridge, the requiring authority will require that party to accept liability for any damage or instability to land or buildings caused by construction and will also require that party to monitor slope stability throughout the duration of construction and for a period of 12 months following completion of the project. In the event that the requiring authority undertakes construction itself, it will accept such liability and conduct such monitoring.

17. Noise

17.1 Once the new road is operational, council will pass any bylaw required to enable a restriction on engine braking to be imposed on vehicles using the road in the vicinity of Stillwater, should such a restriction prove necessary.

17.2 The requiring authority will use asphalted concrete on the road surface on the Weiti Bridge and extend this surface along the road up to 307 Duck Creek Road, being the land described in certificate of title 16C/1432 (North Auckland Registry).

17.3 The requiring authority will use its best endeavours to provide a building (which is surplus to roading requirements) to be used as the Stillwater community hall. The requiring authority shall arrange for the transport at its cost of any such building to the agreed site.

18. Stock Underpass

18.1 The requiring authority shall enter into an agreement with the owners of the Webster properties to provide them with a stock underpass (under the new carriageway provided for by the designation) to agreed specifications and with agreed rights of access or tenure, to provide the owners of the properties access between the two parts of the property which will be bisected by the new carriageway.

18.2 During the period of construction of the Weiti Link, while the Webster properties are bisected by works, but before the stock underpass is completed, the requiring authority shall provide reasonable stock access across the carriageway so owners of the properties can utilise all parts of their property.

19. Duck Creek Intersection

19.1 No part of the realigned Duck Creek Road, including its intersection on the eastern side of the Weiti link will be positioned further north than indicated on the plan annexed as Appendix A.

20. Water Supply

20.1 The requiring authority shall ensure that during construction and operation of the Weiti Crossing Road, a water supply is maintained for the purpose of watering livestock located at 236 Duck Creek Road, being Part Lot 3, DP 26549 and 266 Duck Creek Road, being Lot 2 DP 29403.

Attachments

No attachments.

1403 Road Widening - Red Beach Road

Designation Number	1403
Requiring Authority	Auckland Transport
Location	55-67 and 76-90 Red Beach Road, Whangaparoa
Rollover Designation	Yes

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Legacy Reference	Sheet 4 (First Drawing), Roads to be Widened and Stopped Section of the Planning Maps, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1404 Road Widening - Whangaparaoa Road

Designation Number	1404
Requiring Authority	Auckland Transport
Location	470-502, 473-475, 504-522A, 529-549, 540, 585-587, 593-601, 609-611, 616A, 618, 637, 640-644A, 663, 720-728, 736-752, 756-760 and 770A-776 Whangaparaoa Road, 2 Cedar Terrace, 1 and 4 Brightside Road, 1 Penton Road, 1 Tower Hill, 2 Homestead Road and 2 Ladies Mile, Whangaparaoa
Rollover Designation	Yes
Legacy Reference	Sheet 5 - Roads to be Widened and Stopped of the Planning Maps, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

1. General

1.1 The scope and extent of the works (including the horizontal and vertical alignment of the carriageway) within the designation shall be generally in accordance with the plans contained in the Notice of Requirement dated 14 April 1998 (Appendix D – Designation drawings) and referenced as Figures A1.0 to A1.3 (BCHF Cad File No. 6507C935.DWG to 6507C938.DWG Rev. E) and Figures B1.1 to B1.4 (BCHF Cad File No. 6507C931.DWG to 6507C934.DWG Rev.D.)

1.2 The designation and proposed works on the area of land subject to the designation shall not include any toll-

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booth type facilities or structures.

1.3 Before any construction is commenced an Outline Plan shall be submitted in terms of section 176A of the Resource Management Act 1991 to council. The outline plan may be submitted in stages to reflect any proposed staging of the physical works. This outline plan is to be submitted to council for assessment and recommendations to the council. The outline plan shall show those matters required to be included by section 176A(3) of the Act. It shall be prepared in consultation with directly affected property owners and occupiers with the record of such consultation being documented in the outline plan.

1.4 Prior to the start of physical works, the requiring authority (or its agent) shall obtain all resource consents required under the Resource Management Act 1991 and the Historic Places Act 1993.

2. Design Considerations

2.1 The requiring authority (or its agents) shall incorporate retaining walls into the detailed design to reduce the property effects at critical parts of the alignment, in general accordance with the details identified in Appendix C of the requiring authority's closing submissions.

2.2 As part of the upgrading works the requiring authority (or its agents) shall, subject to the proper performance of its statutory functions, provide suitable pedestrian crossing facilities at the following general localities along Whangaparaoa Road:

- a. Brightside Road;
- b. Weiti Crossing / Whangaparaoa Road intersection;
- c. Stanmore Bay Road;
- d. Ladies Mile;
- e. Pedestrian linkage of Duck Creek Road across the Weiti Crossing; and
- f. Such other places as may be identified in future analysis as necessary for safety purposes.

2.3 The requiring authority (or its agents) shall permit vehicle access from the Weiti Crossing road alignment to the following parcels of land in consultation with the landowners and in accordance with the provisions of the Local Government Act 1974:

- a. Lot 3 DP 95982 and Lot 1 DP 100141 being respectively the Kilmacrennan Farm and Kerrykeel Farm which are farmed as one unit known as Weiti Station (Green and McCahill Group submission); and
- b. Part Lot 1 DP 95984, Lot 1 DP 51255 and Lot 1 DP 49038 being land owned by Green and McCahill Holdings Ltd.

Explanation:

Given the size of the Green and McCahill Holdings Ltd landholding (908 hectares) two access points would be appropriate. The third access point sought by this company includes access to the Stillwater settlement which should be the subject of other considerations apart from this designation.

3. Noise Impact Mitigation

3.1 During construction, New Zealand Standard 6803P : 1984, The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work shall be complied with and the principles for managing noise set out within that document shall be formally adopted.

3.2 The road alignment shall be designed to achieve the following noise standards:

- a. For the properties identified in Table A – the relevant traffic noise design limit contained in Table A.
- b. For all other properties – the relevant noise standard contained in NZS6806:2010 Acoustics - Road Traffic Noise - New and altered roads.

Table A:

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Location	Traffic Noise Design Limits Leq (24 hours)
Dwelling A (at the western end of the proposed road as indicated on the AEE document). This will require mitigation from the expected noise levels.	65 dBA
All other existing* dwellings west of the Weiti River Dwelling 1 on Lot 1 DP 138956 Dwelling 2 on Lot 4 DP 64380 Dwelling 3 on Lot 6 DP 64380 Dwelling 4 on Lot 7 DP 64380 This will require mitigation from the expected noise levels particularly for the properties at 173, 250, 301, 305 and 307 Duck Creek Road and that identified as Dwelling B in the AEE document along Weiti Station Road.	55 dBA
Dwellings at 7 to 37 Cedar Terrace inclusive.	62 dBA
All existing* dwellings on Whangaparaoa Rd.	65 dBA or ambient (whichever is greater)

*Existing at 14 April 1998

Note:

The assessment point for Table A is 1m in front of the most exposed point on the facades of the dwellings.

3.3 In addition to the standards in Table A above, the road alignment shall be designed with the appropriate noise mitigation measures to achieve compliance with a single event noise limit of 78 dBA L_{max} at the façade of any residential building situated within 12 metres from the new road carriageway. This shall not apply to residential buildings currently located within 12 metres of the existing road carriageway.

Explanation:

This is in accordance with the NZS6806:2010 Acoustics - Road Traffic Noise - New and altered roads.

3.4 If it is impracticable to meet the Design Limits in the above Conditions 3.2 and 3.3, then prior to completion of the road widening, the requiring authority (or its agents) shall, with the agreement of the owner of the dwelling and if so required by them, provide insulation and, if required, mechanical ventilation to all living rooms (including kitchens) and bedrooms, to ensure that an internal criterion of 40 dBA Leq (24 hours) is not exceeded. If it is impracticable or uneconomic to design mitigation to achieve this internal criterion then the requiring authority (or its agents) shall, with the agreement of the owner, and at a price not exceeding market value, purchase the property.

3.5 Without limiting the requirements for consultation imposed under condition 3.4, the requiring authority shall consult with the owners of 236 Duck Creek Road, being Part Lot 3 DP 26549 and 266 Duck Creek Road, being Lot 2 DP 29403 ("the Webster properties") in relation to the location, nature and extent of any proposed noise mitigation measures.

3.6 In undertaking this consultation the requiring authority shall give special consideration to the need for additional or alternative noise mitigation measures which mitigate to the greatest extent practicable the acoustic and amenity effects of the designation upon the Webster properties within the noise limit set out in condition 3.2.

3.7 In undertaking consultation with the owners of the Webster properties the requiring authority shall:

- provide copies to the owners of all relevant reports and plans prepared by it in relation to the proposed noise

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mitigation measures;

b. ensure that the owners have at least two weeks to peruse this material and respond to the requiring authority with their position; and

c. the requiring authority shall obtain (at its reasonable cost) a peer review of the proposed mitigation measures and consequential effects on the Webster properties to identify other mitigation measures which may be cost effective and meet the noise limits set out in condition 3.2 and shall give special consideration to the findings of any peer review in deciding what noise mitigation measures it implements for the Webster properties.

4. Ecological Impact Mitigation

4.1 The requiring authority (or its agents) shall, in conjunction with the council and in consultation with directly affected property owners and occupiers, including the Queen Elizabeth II National Trust, produce the following programmes:

a. An Ecological Mitigation Programme that outlines the methods and implementation and monitoring processes to be used to avoid, remedy or mitigate adverse effects on the environment, particularly in regard to indigenous vegetation, ecosystems and species, geological features and areas of wildlife habitats; and

b. A Restoration Planting Programme that outlines the methods and implementation and monitoring processes to restore areas of indigenous vegetation, ecosystems or wildlife habitat likely to be affected by the proposed works.

The programmes shall be submitted as part of the outline plan.

4.2 Without limiting the requirements for consultation imposed under condition 4.1, the requiring authority shall consult with the owners of the Webster properties in relation to the location, nature and extent of any proposed ecological mitigation measures.

4.3 In undertaking this consultation the requiring authority shall give special consideration to the need for mitigation measures which mitigate to the greatest extent practicable adverse effects of the designation and related works have upon existing trees and vegetation on the Webster properties.

4.4 In undertaking consultation with the owners of the Webster properties the requiring authority shall:

a. Provide copies to the owners of all relevant reports and plans prepared by it in relation to the proposed ecological mitigation measures; and

b. Ensure that the owners have at least two weeks to peruse this material and respond to the requiring authority with their position; and

c. The requiring authority shall obtain (at its reasonable cost) a peer review of the proposed ecological mitigation measures and consequential effects on the Webster properties and shall give special consideration to the findings of any peer review in deciding what ecological mitigation measures it implements for the Webster properties.

5. Visual Impact Mitigation

5.1 A Visual Mitigation Plan shall be prepared by the requiring authority (or its agents) in consultation with directly affected property owners and occupiers, including the Queen Elizabeth II National Trust. The plan shall incorporate, where relevant, the recommendations of the ecological mitigation programme and the restoration planting programme and be submitted as part of the outline plan.

The Visual Mitigation Plan shall include, but not be limited to, details of all proposed planting (including species, species sizes, densities and locations), the planting programme and the required maintenance programme.

Existing trees and vegetation on the properties are to be included in any maintenance programme. Attention shall also be paid to the angle and extent of cut and batter slopes through highly visible ridgelines, for example where cut and batter slopes and the proposed roadway would be viewed from properties in Duck Creek Road. In the event that noise mitigation measures such as bunds or barriers are to be employed then these are also to be incorporated in to the visual mitigation plan.

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5.2 Without limiting the requirements for consultation imposed under condition 5.1, the requiring authority shall consult with the owners of the Webster properties in relation to the location, nature and extent of any proposed visual mitigation measures proposed.

5.3 In undertaking this consultation the requiring authority shall give special consideration to the need for measures which mitigate to the greatest extent practicable adverse effects of the designation on the Webster properties. When undertaking consultation in respect of this issue any noise mitigation measures (such as bunds or barriers) that are employed to address the noise effects of the designation on the Websters properties are also to be considered by the requiring authority.

5.4 In undertaking consultation with the owners of the Webster properties the requiring authority shall:

- a. Provide copies to the owners of all relevant reports and plans prepared by it in relation to the proposed ecological mitigation measures;
- b. Ensure that the owners have at least two weeks to peruse this material and respond to the requiring authority with their position; and
- c. The requiring authority shall obtain (at its reasonable cost) a peer review of the proposed mitigation measures and consequential effects on the Webster properties and shall give special consideration to the findings of any peer review in deciding what visual mitigation measures it implements for the Webster properties.

6. Archaeological

6.1 Prior to construction and the obtaining of any necessary consents under the Historic Places Act 1993 the requiring authority (or its agents) shall undertake further investigation of archaeological sites R10/943 and R10/944 if these sites are affected by the proposed works or immediately adjoin the proposed works.

6.2 The archaeological sites recorded in the immediate vicinity of the proposed works shall be clearly marked on construction plans to be provided to the Council and pegged out/fenced off prior to, and during the period of, construction.

7. Vibration

7.1 The road alignment shall be designed with due regard to the effects of vibration.

7.2 In the event that the requiring authority receives, in respect of any building existing as at 14 April 1998, a complaint of vibration induced by construction activities or by traffic on completion of the widened/realigned section of Whangaparaoa Road, then the requiring authority shall:

- a. Monitor traffic induced vibration at location(s) from which complaints have been received where considered appropriate by the Auckland Council; and
- b. Where construction vibration levels exceed the relevant standards of ISO 2631-2, then the requiring authority shall implement practicable mitigation measures.

8. Stormwater

8.1 The requiring authority (or its agents) shall, in consultation with the Council:

- a. Provide suitable detention of concentrated stormwater flows which arise from construction works and the completed roadway to avoid, as far as is practicable, stream erosion by the discharging of this stormwater;
- b. Design, install and operate sediment control ponds to remove, to the maximum extent practicable, sediment from all concentrated discharge from the earthworks;
- c. Arrange all stormwater treatment devices in accordance with the Auckland Council's Technical Publication No. 10 being the Design Guideline Manual : Stormwater Treatment Devices, dated 2003; and
- d. Take all practicable measures to ensure stormwater is not discharged into tributaries or overland flow paths which ultimately directly flow into the Okura River Estuary.

9. Physical Works Contract

9.1 All contract documentation for physical works shall include the designation conditions, the approved outline

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plan and any other resource consents (including conditions) held for the project.

9.2 Construction shall be limited to the following hours:

- a. Weekdays: 7.00 a.m. to 6.00 p.m.;
- b. Saturdays: 8.00 a.m. to 4.00 p.m.; and
- c. Sundays and Public Holidays: No work.

9.3 Construction can be extended to the hours of 7.00 a.m. to 6.00 p.m. every day (with the specific consent of the Auckland Council) between East Coast Road and the northern boundary of the Weiti Forest with the agreement of Green and McCahill Ltd and Green and McCahill Holdings Ltd or any successors in title.

9.4 At all times reasonable access shall be maintained to properties directly affected by the construction and operation of the Weiti Crossing and the Whangaparaoa Road widening unless agreement is reached with the property occupier that access can be temporarily stopped.

10. Public Notification

10.1 At six-monthly intervals from the date of this decision the requiring authority (or its agents) shall notify all property occupiers directly affected by the designation of the current status of the project and the estimated date of commencement of final design and construction. In addition, an advertisement is to be placed in the "Rodney Times" outlining the above information.

10.2 A Public Notification Plan shall be prepared and submitted for the approval of the Auckland Council prior to the start of physical works. The plan shall include, but not be limited to, the following:

- a. Dates for the release of newsletters to directly affected and adjoining property occupiers. These letters shall include details of the construction programme and a single point of contact for the requiring authority (or its agents) for any concerns or enquiries relating to the project, including a contact person name and a telephone and facsimile number; and
- b. Details of proposed signage to advise motorists of periods of likely traffic delays.

11. Duration of Designation

11.1 In accordance with s.184 of the Resource Management Act 1991, this designation will lapse on the expiry of 10 (ten) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

12. Other

12.1 Prior to preparing an assessment of effects upon the environment under s. 88 of the Act for the resource consents required from the council, the requiring authority (or its agents) shall prepare a Scoping Report for the consideration of the council. This shall indicate what is to be addressed in the assessment of effects and allow some agreement to be reached between the parties prior to the detailed analysis required for the assessment.

13. Costs

13.1 Pursuant to s.36 of the Resource Management Act 1991, the requiring authority shall be responsible for paying administrative charges relating to receiving, processing and making a decision in respect of the requirement. The total amount payable will be communicated to the requiring authority within two months of the process being completed.

14. Local access to Stillwater Community

14.1 Safe and efficient two-way access to the Stillwater community (on both sides of the designated route) shall be provided, including throughout the construction period. Such access shall include provision for public

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transport (including bus stops) and for the safe and efficient movement of school buses and boat trailers. The design of any such access shall be undertaken in full consultation with the Stillwater Ratepayers and Residents Association, the owners of the Webster properties and directly affected members of the Stillwater community.

14.2 Following such consultation, the requiring authority will submit the proposed access design to an independent auditor for a safety audit prior to construction. The cost of this audit is to be met by the requiring authority.

15. Water Supply

15.1 During each construction season (1 October – 30 April) the requiring authority shall periodically check and wash down any residences (including the roof) which are located along the designation route and which are affected by the construction of the bridge and its approaches. The cost of this cleaning will be met by the requiring authority.

15.2 The requiring authority will test the water quality of the bores at 165 Duck Creek Road, being the land described in 113B/679 (North Auckland Registry), and 236 Duck Creek Road, being the land described in certificates of title 682/218 and 1020/274 (North Auckland Registry), on a monthly basis.

15.3 In the event that either of the bores at 165 or 236 Duck Creek Road becomes contaminated, the requiring authority will provide an equivalent alternative free water supply.

15.4 The requiring authority will test the water quality of each domestic water tank located along the designation route, including the Webster properties, affected by construction of the bridge and its approaches on a monthly basis during the construction season and for one month following (1 October – 31 May) of each year of the construction period. If the water in any such tank is contaminated, the requiring authority will immediately, and at its cost entirely, have any such tank cleaned out and refilled.

16. Land Stabilisation

16.1 The requiring authority will conduct a “before and after” dilapidation survey of the properties (including the interiors of buildings) located along the designation route, including the Webster properties to assess any effects as a result of construction of the bridge and its approaches.

16.2 In any agreements entered into with any third party to carry out construction of the road and bridge, the requiring authority will require that party to accept liability for any damage or instability to land or buildings caused by construction and will also require that party to monitor slope stability throughout the duration of construction and for a period of 12 months following completion of the project. In the event that the requiring authority undertakes construction itself, it will accept such liability and conduct such monitoring.

17. Noise

17.1 Once the new road is operational, council will pass any bylaw required to enable a restriction on engine braking to be imposed on vehicles using the road in the vicinity of Stillwater, should such a restriction prove necessary.

17.2 The requiring authority will use asphalted concrete on the road surface on the Weiti Bridge and extend this surface along the road up to 307 Duck Creek Road, being the land described in certificate of title 16C/1432 (North Auckland Registry).

17.3 The requiring authority will use its best endeavours to provide a building (which is surplus to roading requirements) to be used as the Stillwater community hall. The requiring authority shall arrange for the transport at its cost of any such building to the agreed site.

18. Stock Underpass

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18.1 The requiring authority shall enter into an agreement with the owners of the Webster properties to provide them with a stock underpass (under the new carriageway provided for by the designation) to agreed specifications and with agreed rights of access or tenure, to provide the owners of the properties access between the two parts of the property which will be bisected by the new carriageway.

18.2 During the period of construction of the Weiti Link, while the Webster properties are bisected by works, but before the stock underpass is completed, the requiring authority shall provide reasonable stock access across the carriageway so owners of the properties can utilise all parts of their property.

19. Duck Creek Intersection

19.1 No part of the realigned Duck Creek Road, including its intersection on the eastern side of the Weiti link will be positioned further north than indicated on the plan annexed as Appendix A.

20. Water Supply

20.1 The requiring authority shall ensure that during construction and operation of the Weiti Crossing Road, a water supply is maintained for the purpose of watering livestock located at 236 Duck Creek Road, being Part Lot 3, DP 26549 and 266 Duck Creek Road, being Lot 2 DP 29403.

Attachments

No attachments.

R1405 Car Park - Percy Street

Designation Number	R1405
Requiring Authority	Auckland Transport
Location	8 Percy Street, Warkworth
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and

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circulation areas within the designated site, provided that the total number of public parking bays is not increased;

- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings¹ and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

¹ For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency

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works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective

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fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties

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during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

1406 Car Park - Wharf Street

Designation Number	1406
Requiring Authority	Auckland Transport
Location	Wharf Street, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 114, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Car park.

Conditions

No conditions.

Attachments

No attachments.

1407 Road Widening - Hudson Road

Designation Number	1407
Requiring Authority	Auckland Transport
Location	Corner of Hudson Road and State Highway 1, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 102, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

Purpose

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Road widening.

Conditions

1. General

1.1 Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority, being the council, the Notice of Requirement and supporting documents, as follows:

- a. "State Highway 1 Warkworth — Hudson Road/State Highway 1 Intersection Upgrade — Alteration to Designation — "SH 1 Region RS 363, Warkworth Stage 1 Intersection Improvements RP 363/1/31/SH1 and Hudson Road," prepared for NZTA and RDC by Opus International Consultants Ltd, comprising of plans:
 - i. Plans titled "Concept Layout — Sheets 1-5," and referenced "Feature Identifier 1/21/40, Code 6104, Revision RO"

1.2 The period within which this alteration to designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act, 1991 as amended.

2. Outline Plan of Works and Management Plans

2.1 Prior to the commencement of works, the Requiring Authority (Auckland Transport) shall submit to council the relevant Management Plans required under Conditions 3 (Construction), 4 (Noise), 6 (Construction Traffic) and 8 (Urban Design and Landscape), below.

2.2 The approval in writing of all the above Management Plans referred to in condition 2.1 above may also, if considered appropriate by council, be deemed to be a waiver, in whole or part, pursuant to s. 176A (2) (c) of the RMA of the requirement for an Outline Plan of Works under s. 176A. If such a waiver is sought through the management plan approvals, this should be stated in writing when these management plans are submitted for approval.

2.3 The works shall be undertaken in accordance with the approved Management Plan or accepted Outline Plan of Works (as the case may be).

3. Construction

3.1 At least 10 working days prior to commencement of works on the project, the Requiring Authority shall prepare and submit for approval by council, a Construction Management Plan (CMP). The purpose of the CMP is to set out the management procedures and construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities. The submission and approval of detailed engineering plans shall also be undertaken through the CMP approval.

3.2 The CMP shall be implemented and maintained throughout the entire construction period. The CMP shall include specific details relating to the construction and management of all works associated with the Project, including;

- a. Details of the site or project manager, including their contact details (phone, facsimile, postal address, e-mail address);
- b. The location of large notice boards that clearly identify the name, telephone number and address for service of the site or project manager;
- c. An outline construction programme of the works indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- d. A tree protection methodology with arboricultural input, which ensures no damage occurs to the trees along the Showgrounds boundary and the boundary of Lot 1 DP 150324 that are otherwise unaffected by the Project throughout the entire construction period.
- e. Any means of protection of services such as pipe and watermain within the legal road;
- f. Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish,

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storage and unloading of building materials and similar construction activities;

g. Location of workers offices and conveniences (e.g. portaloos);

h. Procedures for controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads and places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days.

i. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works; and

j. Means of ensuring the safety of the general public.

3.3 Upon completion of the upgrade project, the Requiring Authority shall submit to council as-built plans in relation to all construction works undertaken as part of the intersection upgrade.

4. Noise

Construction Noise

4.1 The CMP shall include a Construction Noise and Vibration Management Plan (CNVMP) describing the measures adopted to as far as practicable meet the requirements of the NZS6803:1999 Acoustics — Construction Noise. The CNVMP shall be submitted to and approved by council's Environmental Health Officer prior to any works commencing on the upgrade. The CNVMP shall refer to noise management measures set out in Appendix E of NZS6803:1999, and as a minimum shall address the following:

a. Construction sequence;

b. Machinery and equipment to be used;

c. Hours of operation, including time and days when noisy construction work would occur;

d. The design of noise mitigation measures such as temporary barriers or enclosures;

e. Construction noise limits for specific areas;

f. Development of alternative strategies where full compliance with NZS6803:1999 cannot be achieved, including consultation with residents and other occupiers to achieve acceptable outcomes;

g. Methods for monitoring and reporting on construction noise.

h. Onsite contact for local residents and operations; and

i. Where an activity is predicted to generate noise levels above the limits prescribed in NZS 6803:1999, the Requiring Authority shall provide a site specific construction noise and vibration management plan. This plan shall describe the noise mitigation and management measures which will be implemented by adopting the best practicable option in accordance with section 16 of the RMA.

4.2 Every reasonable effort shall be made to notify residents/ occupiers of properties situated within 50m of the construction site in writing at least 3 days prior to the commencement of the proposed works, including information of duration and type of noise activities. A contact telephone number shall be provided to these residents/ occupiers and a complaint monitoring procedure shall be established so that complaints relating to individual contractors are managed centrally.

Operational Noise

4.3 A Noise Management Plan (NMP) shall be prepared by a suitably qualified acoustic expert for the purposes of avoiding, mitigating or remedying adverse noise effects from the operation of the project following its construction.

4.4 The NMP shall include general measures, which shall include but not be limited to the installation of noise attenuation barriers or low noise road surface material, to the extent necessary to achieve at a minimum compliance with the NZS6806:2010 Acoustics - Road Traffic Noise - New and altered roads.

4.5 Noise Monitoring

As required by the NZS6806:2010 Acoustics - Road Traffic Noise - New and altered roads, measurements of noise levels existing prior to construction shall be used to establish ambient noise levels. The result of 24 hour ambient noise measurements at one (1) position within 50m of the project, together with site maps detailing

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measurement positions and key data on measurement conditions shall be forwarded to the Council prior to the commencement of construction. Measurements shall be undertaken by a suitably qualified person and the results, together with the site maps and photographs detailing the measurement position and key data, shall be forwarded to council.

4.6 Compliance Monitoring

Following completion of the work, the Requiring Authority shall arrange for an appropriately qualified person to undertake monitoring of the level of traffic noise at the above one (1) position for which ambient noise level data has been previously recorded, within a period between 2 and 3 years following completion of construction of the Work, but not post construction of the Western Collector Route. The Requiring Authority shall report the findings of monitoring to Council. If as a result of this, non-compliance with the New Zealand Standard is identified, then specific measures shall be adopted to achieve compliance.

5. Vibration

5.1 The CNMVP shall describe how the vibration standards of the German Standard DIN 4150 shall be met as far as practicable, and shall address the following aspects:

- a. Vibration monitoring measures;
- b. Criteria;
- c. Possible mitigation measures;
- d. Complaint response;
- e. Reporting procedures;
- f. Notification and information for the community of the proposed works;
- g. Vibration testing of equipment to conform that the vibration limits will not be exceeded;
- h. Location for vibration monitoring when construction activities are adjacent to critical buildings;
- i. Operational times;
- j. Preparation of dilapidation reports on critical dwellings prior to, during and after completion of works; and
- k. Site specific CNVMPs where required to address potential exceedances of the vibration standards.

Operational Vibration

5.2 Vibration levels of the existing operations at the existing State Highway 1 operations shall be measured by a suitable qualified person at not more than one nominated critical location, and submitted to council, prior to the commencement of works. These baseline measurements will provide levels for current use and for comparison with future levels.

6. Construction Traffic

6.1 The CMP shall include a Temporary Traffic Management Plan (TTMP), for the project, which shall be prepared by a suitably qualified expert(s). The TTMP shall be submitted to and be approved by council prior to the commencement of works.

6.2 The TTMP shall be implemented and maintained throughout the entire construction period. The TTMP shall include details relating to:

- a. Methods of mitigating the local and network wide effects of both construction of individual elements of the Project, and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods to manage the effects of the delivery of construction material, plant and machinery;
- c. The numbers, frequencies and timing of construction traffic movements;
- d. Methods to manage the effects of traffic that is required to detour or be diverted during construction, in particular seeking to minimise effects on residential and commercial areas;
- e. Contingencies for traffic diversion;
- f. Consultation with council with regard to the most appropriate means for providing access on council roads within and adjacent to the designation;
- g. Identification of any existing on-site parking and manoeuvring areas which are affected by the works. Then, as

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- far as practicable, and in consultation with council and the affected land owner, identify how the affected areas will be relocated or reinstated to achieve compliance with the Unitary Plan or to similar standard to that existing;
- h. Where necessary, provision of alternative access arrangements as far as practicable, and in consultation with council and the affected landowner;
 - i. Details on the maintenance of pedestrian access and thoroughfare to be maintained on all roads and footpaths adjacent to the construction works where practicable. Such access shall be safe and clearly identifiable. Specific measures shall also be provided to mitigate the effects of construction works on pedestrians and cyclists;
 - j. Consistency with the NZTA (Transit New Zealand) "Code of Practice for Temporary Traffic Management" (COPTTM); and
 - k. Provision of pedestrian access/egress to properties adjacent to the works at all times.

7. Archaeological and Heritage

7.1 Subject to condition 7.2, if any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. The Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust and council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

7.2 Condition 7.1 shall not apply where the Requiring Authority holds all relevant approvals under the Historical Places Act (1993), apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

8. Urban Design and Landscape Mitigation

8.1 Prior to the commencement of works on the project, the Requiring Authority shall submit to council and have approved in writing an "Urban Design and Landscape Mitigation Plan" (UDLMP). This UDLMP shall be prepared by a suitably qualified expert(s) and shall take into account the following:

- a. NZTA's "Guidelines for Highway Landscaping" (December 2006);
- b. NZTA's "Urban Design principles: landscape design notes January 2011.

8.2 The UDLMP shall in particular provide for:

- a. The integration of the permanent works into the surrounding landscape;
- b. Mitigation of effects on properties in the vicinity of the alignment;
- c. Pedestrian and cycle linkages proposed in respect of the project;
- d. Retention or relocation of existing trees where practicable;
- e. Replacement planting or mitigation for loss of trees that are protected by the general provisions of the Unitary Plan; and
- f. The outcomes of any consultation undertaken with council.

8.3 The UDLMP shall be prepared in general accordance with the "Landscape Mitigation Plans" prepared by Opus International Consultants Limited, referenced PA2847-SH1, dated June 2009, and shall include the following:

- a. An Urban Design Framework that depicts the overall urban design concept, the design intent, layout and mitigation proposals, and
- b. Landscape and Urban Design Details — these shall include:
 - i. Identification of vegetation to be retained and removed;
 - ii. Proposed planting, including plant species, mixes, spacing/densities, sizes (large specimen trees shall be

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used, of at least pb95 size at the time of planting) and layout;

iii. Planting programme — the staging of planting in relation to the construction programme, and

vi. A maintenance programme providing specific measures as how the planting will be maintained following its establishment for 3 years thereafter for specimen trees and for 2 years thereafter for other planting.

8.4 The works as set out in the UDLMP shall be implemented as soon as practicable and works shall be completed no later than 12 months after the practical completion date of the Project.

Advice Notes

1. The Requiring Authority needs to obtain all other necessary consents and permits and comply with all relevant council bylaws.

2. Under the Historic Places Act (1993), an Authority is required from the NZ Historical Places Trust before any work commences which may destroy damage or modify the whole or any part of an archaeological site or sites.

3. Applications for resource consent to the council will be sought for the following activities:

- a. Earthworks; and
- b. Stormwater discharge.

d. The Requiring Authority (AT) proposes to undertake the works authorised by these designation conditions as a joint project with NZTA which is the relevant Requiring Authority for the related State Highway 1 improvements. NZTA has a separate (but nearly identical) set of designation conditions authorising the works for which it is responsible.

Attachments

No attachments.

1408 Car Park - Rawene Road and Hinemoa Street

Designation Number	1408
Requiring Authority	Auckland Transport
Location	17A Rawene Road and 204 Hinemoa Street, Birkenhead
Rollover Designation	Yes
Legacy Reference	Designation 129, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park(s).

Conditions

No conditions.

Attachments

No attachments.

1409 Car Park - Sunnyhaven Avenue

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Designation Number	1409
Requiring Authority	Auckland Transport
Location	21 Sunnyhaven Avenue, Beach Haven
Rollover Designation	Yes
Legacy Reference	Designation 130, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1410 Car Park - Anzac Road

Designation Number	1410
Requiring Authority	Auckland Transport
Location	29 Anzac Road, Browns Bay
Rollover Designation	Yes
Legacy Reference	Designation 131, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1411 Car Park - Bute Road

Designation Number	1411
Requiring Authority	Auckland Transport
Location	5 Bute Road, Browns Bay
Rollover Designation	Yes

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Legacy Reference	Designation 133, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1412 Car Park - Beach Road

Designation Number	1412
Requiring Authority	Auckland Transport
Location	472 Beach Road, Murrays Bay
Rollover Designation	Yes
Legacy Reference	Designation 134, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1413 Car Park - Montrose Terrace

Designation Number	1413
Requiring Authority	Auckland Transport
Location	3 Montrose Terrace, Mairangi Bay
Rollover Designation	Yes
Legacy Reference	Designation 135, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1414 Car Park - Pearn Crescent

Designation Number	1414
Requiring Authority	Auckland Transport
Location	51 Pearn Crescent and 115 Lake Road, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 136, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1415 Car Park - Jutland Road

Designation Number	1415
Requiring Authority	Auckland Transport
Location	1A Jutland Road, Hauraki
Rollover Designation	Yes
Legacy Reference	Designation 137, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

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Attachments

No attachments.

1416 Car Park - Huron Street

Designation Number	1416
Requiring Authority	Auckland Transport
Location	14 Huron Street and 15 Northcroft Street, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 139, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1417 Car Park - Anzac Street

Designation Number	1417
Requiring Authority	Auckland Transport
Location	40 Anzac Street, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 140, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1418 Car Park - Kitchener Road

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Designation Number	1418
Requiring Authority	Auckland Transport
Location	139 Kitchener Road, Milford
Rollover Designation	Yes
Legacy Reference	Designation 141, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1419 Car Park - Fleet Street

Designation Number	1419
Requiring Authority	Auckland Transport
Location	3-5 Fleet Street, Devonport
Rollover Designation	Yes
Legacy Reference	Designation 145, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car park.

Conditions

No conditions.

Attachments

No attachments.

1420 Constellation Bus Station

Designation Number	1420
Requiring Authority	Auckland Transport
Location	62 Parkway Drive, Rosedale
Rollover Designation	Yes

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Legacy Reference	Designation 161, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Constellation Bus Station - to construct, operate and maintain a busway station and park-and-ride facility.

Conditions

General Conditions

1. The scope and extent of the works within the designated area shall be generally in accordance with the Notice of Requirement dated 19 March 1999; the plans contained in Appendices A to C accompanying the Notice of Requirement; subject to the approved Outline Plan(s); and in accordance with the conditions set out below.
2. Any land taken or held for the works shall be maintained to a reasonable standard until construction of the facilities commences, to the intent that no nuisance is created to properties in the vicinity.
3. That at all times reasonable physical access be maintained to other properties.
4. All contract documentation for physical works shall include the designation conditions, the approved outline plan(s) and any other resource consents (including conditions) held for the project.
5. Should construction work uncover any archaeological remains, the Requiring Authority should immediately advise local Kaumatua of iwi claiming tangata whenua status in the immediate area and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without the prior consent of the Historic Places Trust.
6. That a formal review of the adequacy of parking provision at the busway station be carried out within twelve months of commencement of operations at the station and between 1 January 2009 and 31 December 2010, or within a period of six months from any date if requested by the Auckland Council. The review shall include preparation of a report by a traffic engineer analysing the on site parking demand and supply situation based on surveys within and around the busway station site and identifying any adverse effects and possible mitigation methods, which may form the basis for any further or amended conditions relating to carparking and parking management.
7. That the Sunset Road access be limited to use by authorised busway users only, with appropriate signage provided to this effect.
8. All reference to the "control centre" shall be deleted from the requirement.

Outline Plan(s)

9. Before any construction is commenced an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act (1991) to the council. The outline plan may be submitted in stages to reflect any proposed staging of the physical works. This outline plan(s) is to be submitted to an independent party appointed by the Auckland Council for assessment and recommendations to the council. The outline plan(s) shall show those matters required to be included by s. 176A (3) of the Act and those matters specified in conditions 10 to 24 which follow.

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10. The Requiring Authority shall, during the preparation of the outline plan(s), take into account the location of existing infrastructure and utility services and have regard to the likely location of future infrastructure and utility services, and undertake consultation with the appropriate council departments and network utility operators as necessary to this intent.

11. Sanitary sewer plans shall be prepared as part of the outline plan(s) which shall:

- a. Be in compliance with the council's Corporate Design Manual (Wastewater) or any document in amendment or substitution;
- b. Identify the land in question and any existing sanitary sewers if appropriate, in relationship to the catchment in which it is situated;
- c. Include calculations to prove that the development will not adversely affect the existing catchment, upstream and downstream of the proposed development; and
- d. Include draft plans to show where the proposed sewer pipeline is to be located within the development, and where it is proposed to link into the existing Council's network of sanitary sewers.

12. The outline plan(s) shall include the details by which outdoor lighting and illuminated signage is provided and measures to mitigate any adverse effects on nearby properties.

13. Detailed entry and exit locations and layouts from the bus station to the busway shall be submitted as part of the outline plan(s).

14. The location of access points for High Occupancy Vehicles shall be submitted as part of the outline plan(s), to be accompanied by an assessment of safety, capacity and effects on the surrounding road network.

Construction Management Plan Conditions

15. Prior to the commencement of any earthworks or construction activity on the designation site (excluding site investigations), the requiring authority shall ensure that a Construction Management Plan is submitted as part of the outline plan(s), subject to conditions on any relevant resource consents.

16. The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction of the work will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular the Construction Management Plan shall identify amongst other things:

- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt; and
- d. Procedures for handling any dust and ground vibration complaints.

17. The requiring authority shall ensure that the Construction Management Plan is complied with at all times during construction work.

18. That the requiring authority and its contractors shall, in addition to complying with all other construction-related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

19. The requiring authority shall advise neighbouring owners and occupiers of the date on which construction is to start, the expected duration of the works, and the telephone number of a contact person who is able to respond to queries.

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Visual Impact Mitigation Conditions

20. The Requiring Authority shall prepare a landscape mitigation plan as part of the outline plan(s) in general accordance with the plan in Appendix C of the Notice of Requirement.

21. This plan shall include all proposed planting (including species, specie sizes, densities, areas and locations), the planting programme and the maintenance programme. Such planting shall be implemented in the first planting season following commencement of operations at the station.

22. The landscape maintenance programme shall extend for a minimum of five years following implementation. It shall include performance standards specifying the minimum average growth rates and survival rates for planting, and shall include any practicable and reasonable maintenance measures including control of invasive weed species.

Noise Impact Mitigation Conditions

23. The noise levels generated by the activities on the site shall not exceed the following maximum noise levels, as measured at any business zone site boundary:

Table 1:

Mon-Sat inclusive 0700hrs - 2000hrs	Mon-Sat inclusive 2000hrs - 2300hrs	Sun & Public Holidays 0700hrs - 2400hrs	All Other Times
70 dBA L10	70 dBA L10	70 dBA L10	70 dBA L10

24. The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS6803P:1984 The Measurement and Assessment of Noise from Construction, Maintenance, and Demolition Work or any subsequent replacement Standard.

Advice Notes

1. Prior to any works being commenced, the Requiring Authority should obtain all requisite resource consents required under the Resource Management Act 1991

2. In the event that construction, completion and operation of the bus station precedes the establishment of the North Shore Busway project, interim access to the motorway system is subject to the approval of the Regional State Highway Manager, New Zealand Transport Agency.

3. It is recommended that the Requiring Authority liaise with council traffic engineers so that appropriate measures are identified and taken to improve line of sight at the intersection of Sycamore Road with Sunset Road and at the access point from 217 Sunset Road onto Sunset Road. It is suggested such measures may include removal of a tree and earth mound adjacent to Sycamore Road, and trimming of trees adjacent to 217 Sunset Road.

Attachments

No attachments.

1421 Albany Bus Station

Designation Number	1421
Requiring Authority	Auckland Transport
Location	250 Oteha Valley Road and 125 McClymonts Road, Albany
Rollover Designation	Yes

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Legacy Reference	Designation 162, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Albany Bus Station - the construction, operation and maintenance of a busway station, park and ride facility, public car-parking as a secondary purpose as long as it does not negatively affect the primary park and ride facility, and associated works.

Conditions

Outline Plan(s)

1. Before any construction is commenced an Outline Plan(s) shall be submitted in terms of s. 176A of the Resource Management Act (1991) to council. The outline plan may be submitted in stages to reflect any proposed staging of the physical works. The outline plan(s) shall show those matters required to be included by s. 176A (3) of the Act and those matters specified in conditions 2 to 22 which follow.

Traffic Management Plans

2. That the detailed entry and exit locations and layouts from the bus station to the Northern Motorway be submitted as part of the outline plans(s).

3. That the alignment of the roads referred to as Roads 1 and 4 in the amended plans submitted to the hearing on 26 October 2001 be submitted as part of the outline plans(s).

Construction Management Plan Conditions

4. Prior to the commencement of any earthworks or construction activity on the designation site (excluding site investigations), the Requiring Authority shall ensure that a Construction Management Plan is submitted as part of the outline plan(s) subject to conditions on Auckland Regional Council resource consents.

5. The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent landowners and occupiers. In particular the Management Plan shall identify amongst other things:

- Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt; and
- Procedures for handling any dust and ground vibration complaints.

6. The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept on site.

7. The requiring authority and its contractors shall, in addition to complying with all other construction-related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

8. The requiring authority shall advise neighbouring owners and occupiers of the date on which construction is to start, the expected duration of the works, and the telephone number of a contact person who is able to respond

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to queries.

Services

9. The Requiring Authority shall, during the preparation of the outline plan(s), take into account the location of existing infrastructure and utility services and have regard to the likely location of future infrastructure and utility services, and undertake consultation with the appropriate council departments and network utility operators as necessary to this intent.

10. In developing the site with stormwater facilities, the Requiring Authority shall take into account the provisions in the Lucas Creek Catchment Management Plan.

Noise Impact Mitigation Conditions

11. The noise levels generated by the activities on the site shall not exceed the following maximum noise levels, as measured at any business zone site boundary.

Table 1:

Mon-Sat inclusive 0700hrs - 2000hrs	Mon-Sat inclusive 2000hrs - 2300hrs	Sun & Public Holidays 0700hrs - 2400hrs	All Other Times
65 dBA L10	65 dBA L10	65 dBA L10	65 dBA L10

12. That during construction, New Zealand Noise Standard NZS 6803: 1999 Acoustics – Construction Noise shall be complied with.

Visual Impact Mitigation Conditions

13. The Requiring Authority shall prepare a Landscape Mitigation Plan as part of the outline plan(s). The Plan shall take into account the recommendations contained in the report entitled 'Landscape and Visual Impact Assessment – October 2001' prepared by Melean Absolum Ltd. The Plan shall include all proposed planting (including species, specie sizes, densities, areas and location), the planting programme and the maintenance programme. The maintenance programme shall extend for a minimum of five years following implementation. It shall include performance standards specifying the minimum average growth rates and survival rates for planting, and shall include any practicable and reasonable maintenance measures including control of invasive weed species.

14. The outline plan(s) shall include the details of outdoor lighting and illuminated signage and the measures to mitigate any adverse effects on nearby properties.

Construction Document Condition

15. The Requiring Authority shall provide as part of the outline plan(s) the construction documents including plans and specifications showing the full extent of the Proposed work or part thereof.

General Conditions

16. The scope and extent of the works within the designated area shall be generally in accordance with the Notice of Requirement dated 15 June 2001 and the amended plan submitted to the hearing on 26 October 2001, subject to the conditions set out below.

17. That prior to any works being commenced, the Requiring Authority shall obtain all requisite resource consents required under the Resource Management Act 1991.

18. That at all times reasonable physical access be maintained to other properties.

19. All contract documentation for physical works shall include the designation conditions, the approved outline plans(s) and any other resource consents (including conditions) held for the project.

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20. Should construction work uncover any archaeological remains, the Requiring Authority should immediately advise local Kaumatua of iwi claiming tangata whenua status in the immediate area and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without the prior consent of the Historic Places Trust.

21. That any land taken or held for the works be maintained to a reasonable standard until physical works commence.

22. Subject to Section 184 of the Resource Management Act 1991, the designation shall lapse on the expiry of 15 years after the date on which it is included in the Unitary Plan.

Attachments

No attachments.

1422 North Shore Busway - Onewa Road

Designation Number	1422
Requiring Authority	Auckland Transport
Location	Onewa Road and Sylvan Avenue, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 171, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

To enable modifications to be undertaken in the vicinity of the Onewa Road and Sylvan Avenue intersection to provide priority access to the North Shore Busway for buses/high occupancy vehicles, and improving the safety and efficiency of the intersection and the Onewa Interchange.

Conditions

The conditions below apply:

1. General Conditions
2. Duration Of Designation
3. PMP and Outline Plans
4. Archaeological Mitigation Conditions (other than 4.3 and 4.4)
5. Ecological Mitigation Conditions (other than 5.5, 5.6, and 5.7)
6. Landscape Mitigation Conditions
7. Noise Mitigation Conditions (other than 7.8)
8. Geotechnical Mitigation Conditions
9. Vibration Mitigation Conditions
10. Traffic Mitigation Conditions (other than 10.1(ii), (iv) and (v) and 10.3)
11. Construction Management Conditions

1. General Conditions

1.1 The scope and extent of the works envisaged within the designation shall be generally in accordance with the Notices of Requirement, the plans contained in "Volume 3 – A3 Plans" forming part of the documentation

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supporting the Notice of Requirement, and the relevant detailed plans in the Technical Reports in Volume 5, subject to the final design and the conditions set out below.

1.2 Prior to any works being commenced in particular location(s) of work, the Requiring Authority shall obtain all requisite resource consents for the location(s) affected under the Resource Management Act 1991.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

1.4 At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation in the area affected. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which vehicular access is prevented.

1.5 A permanent liaison position from within the joint Project Governance Team of NSCC and the Requiring Authority will be appointed for the duration of the project. This person is to be available for ongoing consultation on all matters of concern to affected persons.

1.6 All contract documentation for physical works shall include reference to the designation conditions, any other resource consents (including conditions) and any approved mitigation or outline plan(s) held for the project.

1.7 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment in individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is the later.

2. Duration of the Designation

2.1 In accordance with Section 184(1)(c) and Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of ten years, except for NOR 8 which will lapse on the expiry of five years, after the date on which it is included in the District Plan unless:

2.2 It is given effect to before the end of that period; or

2.3 The territorial authority determines, on an application made not later than three months before the expiry of that period; that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to five effect to the designation.

3. Project Management Plans (PMP) and Outline Plans

3.1 The requiring authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 5, 6, 7, 8, 9, 10 and 11. 3.2.

No works shall be undertaken in any particular location(s) until:

a. The PMP, or such part(s) of the PMP as are relevant to the location(s) are approved in the manner provided for in condition 3.3; and

b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (*RMA*) in relation to the works in the location(s), are approved in the manner provided in condition 3.3. 3.3

Approvals pursuant to condition 3.2(a) shall be obtained from the General Manager of Environmental Services, North Shore City Council, and a senior regulatory officer of the NSCC who is at the time of the approval a member of the Project Governance Team for the management of the works (*the approval officers*).

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Advice Note:

Where an outline plan or plans are required by section 176A RMA for works in any particular location(s) and the approval officers agree that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Council may waive the requirement for an Outline Plan.

3.4 The works shall only be undertaken in accordance with an approved PMP and outline plan (where required).

3.5 If for any reason the PMP is not approved, the outline plan procedure under s 176A shall apply. For the avoidance of any doubt, the mitigation/management plans prepared under conditions 5, 6, 7, 8, 9, 10 and 11 shall be included with any outline plan lodged for approval pursuant to s 176A.

4. Archaeological Mitigation Conditions

4.1 If construction work uncovers any archaeological remains, the Requiring Authority will immediately advise local iwi and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without prior consent of the Historic Places Trust).

4.2 That all recorded archaeological sites and other cultural heritage sites in the vicinity of the works shall be clearly marked on the construction plans.

4.3 Any significant native trees removed from Smiths bush as part of the works to construct the busway shall be offered as gifts to Te Hao o Ngati Whatua and/or Ngati Whatua o Orakei.

4.4 Preliminary earthworks in the vicinity of Onewa Road and Sylvan Ave realignment will be monitored by a suitably qualified and experienced archaeologist.

5. Ecological Mitigation Conditions

5.1 The PMP shall include an Ecological Mitigation Plan prepared by a suitably qualified and experienced ecologist who shall have regard to:

- i. The recommendations contained in the audit by Shona Myers – Natural Heritage Scientist, ARC as to planting and the implementation of mitigation measures;
- ii. The planting of appropriate plant species as identified in ARC Technical Publication 148: Riparian Zone Management: Strategy for the Auckland Region, June 2001.

5.2 The Plan shall provide for:

- i. Planting in riparian zones where consent of the landowner is obtained;
- ii. Mitigation of potential coastal effects.

5.3 Wherever practicable, any disturbance of existing vegetation shall be avoided.

5.4 Where riparian vegetation disturbance cannot be practicably avoided, the Requiring Authority shall take care that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as including, but is not limited to, vegetation clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

5.5 The PMP shall include a plan of the proposed works within the eastern remnant of Smiths Bush in sufficient detail to determine the impact on existing vegetation and the Requiring Authority shall undertake its best endeavours to minimise the removal of vegetation from Smiths Bush.

5.6 All works within the eastern remnant of Smiths Bush shall be supervised by a suitably qualified and experienced arboriculturist.

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5.7 As a means of attempting to retain the overall ecological viability of Smiths Bush, any vegetation removed from the eastern remnant of the bush shall be replaced where practicable in accordance with a native tree planting and maintenance regime approved under condition 3.3. and following consultation with appropriate staff at the Auckland Regional Council.

6. Landscape Mitigation Conditions

6.1 The PMP shall include a Landscape Mitigation Plan prepared by a suitably qualified and experienced landscape architect who shall have regard to:

- a. The Landscape Mitigation Plan prepared by LA4 Landscape Architects and contained in the Esmonde Interchange Project: Assessment of Environmental Effects Volume 10c; and
- b. The recommendations contained in the audits by Melean Absolum and Chris Boucher.

6.2 The Landscape Mitigation Plan shall provide for:

- a. The integration of the proposed works into the surrounding landscape;
- b. Appropriate consideration of the angle and extent of batter slopes;
- c. Appropriate screening of existing land-uses along Fred Thomas Drive;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximise integration with the general form of the surrounding landscape;
- e. Ecological mitigation measures (eg revegetation) required in accordance with the Ecological Mitigation Condition;
- f. Mitigation of effects on properties in the vicinity of the busway;
- g. Noise mitigation measures (eg noise barriers) required in accordance with the Noise Mitigation Conditions and the screening of such measures with planting between barriers and the busway carriageway;
- h. Detailed designs of the acoustic barriers, retaining walls, and earth bunds in conjunction with the engineers where necessary; and
- i. The identification of existing trees and vegetation sited on the boundary of the Busway designation that ought to be retained for screening purposes.

6.3 The Landscape Mitigation Plan shall include details of:

- j. All proposed planting (including species, species size, densities, areas and locations);
- k. The planting programme;
- l. The maintenance programme. This programme shall include details of weed control, performance standards specifying allowable percentage survival rates, and replacement of any planting features;
- m. The sufficiency of the soil medium to sustain all planting proposed; and
- n. An appropriate maintenance regime.

6.4 All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter. Following completion of planting, the Requiring Authority shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

6.5 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

6.6 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

7. Noise Mitigation Conditions

7.1 The project shall, as a minimum standard, be designed and constructed to comply with the limits within the Transit NZ Guidelines for the Management of Traffic Noise for State Highway Improvements and with the acoustic report 'North Shore Busway Project, SH1 busway, Report No 97245B' by Marshall Day Acoustic Limited.

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7.2 The PMP shall include a Noise Mitigation Plan prepared by a suitably qualified noise consultant. The purpose of the plan is to describe the methods by which noise associated with traffic using the roading and the bus stations within the designation will be made to comply with specified noise limits at all affected dwellings and schools in the vicinity of the area affected. Where the ambient sound level is required to determine design limits then this shall be done prior to construction commencing.

7.3 The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

7.4 The PMP shall include a Construction Noise Management Plan. The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 7.3 above. In particular, the Construction Noise Management Plan shall identify:

- a. The location of permanent acoustic fences to be installed prior to the commencement of the main construction works;
- b. Methods of managing noise;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency;
- e. Contingency measures in the event of any incidence of non-compliance; and
- f. Procedures for handling noise complaints.

7.5 Where the requirements of condition 7.4 are unable to be met, the alternative strategies that have been developed following consultation with affected landowners will be implemented. Such alternatives may include, but not be limited to, temporary relocation of occupiers, compensation for occupiers and purchase of the affected properties.

7.6 Construction works shall at all times be undertaken in accordance with the Construction Noise Management Plan.

7.7 Where practicable, acoustic barriers required to meet Transit Noise Guidelines in particular locations, shall be erected prior to commencement of the construction works in those locations.

7.8 Where temporary acoustic barriers are proposed in the Marshall Day Report, and where their retention would result in effective traffic noise reduction for residents or educational facilities, they shall be built to a standard such that the barriers will be able to remain permanently in place at heights approved under condition 3.3, taking into consideration traffic noise reduction visual and landscaping factors and consultation with adjoining property owners.

7.9 Unless:

- a. Otherwise agreed between Ministry of Education (MOE) and the requiring authority; or
- b. MOE agrees to compensation with the Requiring Authority for the noise effects from the Busway and associated new works; where *additional* traffic noise resulting from the Busway or associated new works increases above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any classroom, then the requiring authority shall, immediately following commissioning of the Busway, implement mitigation measures which result in the noise level not *exceeding* 45 dBA Leq, or the ambient noise level *existing* prior to the establishment of the Busway, whichever is the higher. This noise level shall be achieved together with the ventilation requirements of The New Zealand Building Code, Clause C4.

8. Geotechnical Mitigation Condition

8.1 A Geotechnical Mitigation Plan shall be prepared by a suitably qualified Geotechnical Engineer in consultation with North Shore City Council. The plan shall be submitted to the North shore City Council prior to construction of any stage and shall take into account the recommendations of the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues' – November 2001.

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9. Vibration Mitigation Conditions

9.1 The PMP shall include a Vibration Mitigation Plan having regard to the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001'. This Mitigation plan shall include details of how the works will comply with the requirement of German Standards DIN4150 "Structural Vibration in Buildings – Effects on Structures" during construction and shall take into account the recommendations.

9.2 A dilapidation survey of 'at risk' buildings, as per the recommendations of the audit prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001', shall be undertaken prior to during and after completion of the construction works, provided the consent of any landowner and/or occupier can be obtained.

10 . Traffic Mitigation Conditions

10.1 The PMP shall include a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall include:

- a. Methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods of helping to accommodate the bus transport needs of pupils of Westlake Girls' High School through the development and operation of Westlake Station and the busway system, in the light of consultation with the School;
- c. Methods of limiting the use of the busway to emergency vehicles and no more than 350HOVs (excluding buses) per hour north of Esmonde Road, including a restriction on the access of HOVs through Constellation Drive Station to no more than 350HOVs;
- d. Details of a monitoring programme to be undertaken detailing the demand for car parking in the vicinity of the Sunnynook Station and Westlake Station prior to the opening of the Station and at regular intervals (a minimum of 2 per annum) for a minimum period of five years following the opening of the Station to the public and measures to manage any such demand. (This condition shall only apply to Notices of Requirement 8 and 9); and
- e. Details of pedestrian access to be provided within the Westlake Bus Station and along Shakespeare Road Extension. (This condition shall apply only to Notice of Requirement 8).

10.2 In order to prevent potentially significant traffic disruption during and after construction, the existing Onewa Interchange shall continue to be fully operational (that is in the manner in which it currently operates) until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

10.3 The public use of the Westlake Station shall not be allowed until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

11. Construction Management Conditions

11.1 The PMP shall include a Construction Management Plan which shall refer to all conditions imposed on any relevant resource consents granted by the Auckland Regional Council.

11.2 The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Management Plan shall identify amongst other things:

- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;

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- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt;
- d. The means by which loss of vehicle access to be (sic) properties will minimise inconvenience to each property owner affected following consultation with affected property owners;
- e. Methods of ensuring pedestrian safety along public footpaths and particularly where works are proposed in close proximity to any school;
- f. Procedures for handling any dust and ground vibration complaints; and

In respect of Takapuna Normal Intermediate School the Management Plan shall include measures to address the following, in consultation with the School:

- i. Preventing students from gaining access to the construction site via the parking area off Northcote road or Smiths bush by the erection of such gates or fencing as may be agreed to by the School and the Requiring Authority;
- ii. Control of construction traffic moving between the construction site and Northcote Road so as to encourage the safe movement of students along Northcote Road; and
- iii. Minimising any adverse effects of construction on the playing field, in particular, dust nuisance.

11.3 The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept at all site offices.

11.4 The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

11.5 The Requiring Authority shall advise neighbouring owners and occupiers in the vicinity of the affected area of the date on which construction is to start, the expected duration of the work, and the telephone number of Site Liaison Officer who is able to respond to queries.

11.6 The location and extent of each stage of the site works will be identified and the North Shore City Council advised of the construction timetable.

11.7 The earthworks contractor shall be required to maintain the stability of the land and property at the boundary of the site by the best practicable method and to monitor that such works are and remain effective.

11.8 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the Requiring Authority's expense.

11.9 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. It is the Requiring Authority's responsibility to remedy any damages to the public drains that may occur during construction.

11.10 Protected vegetation areas and trees identified in the Landscape Mitigation Plan are to be retained and protected. Other sensitive areas of the site are to be identified and marked for protection prior to the commencement of works.

11.11 Spoil from earthworks, surplus to site requirements, shall be disposed of at an approved landfill site.

12. Exmouth Road Pedestrian Overbridge

12.1 The Requiring Authority will use its best endeavours to obtain all necessary resource consents to allow reinstatement of the existing Exmouth Road pedestrian overbridge in the same or a similar location but extended to provide access across the bus lane to the foreshore. If such consents are granted the Requiring

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Authority shall reinstate the overbridge prior to the consents lapsing.

13. Westlake Boys High School

13.1 The School accessway, adjoining the western boundaries of the Altona road properties and connecting the northern and southern playing fields, shall be constructed with a minimum width of 4m and designed so that service vehicles and pedestrians can obtain safe and convenient access.

13.2 The western embankment adjoining the southern playing fields of the School shall be planted with *Alnus incana* and *Alnus rubra* at a size and spacing to be detailed within the Landscape Mitigation Plan.

13.3 The Requiring Authority shall use its best endeavours to undertake construction of the works in the area adjoining the northern playing fields during the School Summer holidays (approximately 10 December – 31 January the following year).

14. Westlake Girls High School

14.1 The Requiring Authority shall use its best endeavours to ensure that the pin oak trees along the western boundary of the School are retained.

14.2 The Requiring Authority shall use its best endeavours to undertake construction of the works along the School boundary during the School Summer holidays (approximately 10 December – 31 January the following year).

15. Takapuna Normal Intermediate School

15.1 A permanent 1.8 metre close boarded and battened wooden fence shall be erected along the western boundary of the school (as identified in the **attached** plan titled “Building Locations Takapuna Normal Intermediate School”) prior to commencement of construction of the Busway.

15.2 Where the operation of the Busway results in increases in traffic noise above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any existing Takapuna Normal Intermediate School classroom with windows open (identified in the **attached** plan), then the requiring authority shall implement mitigation measures which result in the noise level not exceeding either 45 dBA Leq, or the ambient noise levels existing prior to the establishment of the Busway, whichever is higher. This noise level shall be achieved together with the ventilation requirements of the New Zealand Building Code, Clause G4 and New Zealand Standard 4303:1990 ‘Ventilation Requirements for acceptable indoor air quality’ and in particular the requirements for educational institutions.

15.3 The Requiring Authority shall provide for:

- a. Replanting, or replacement where replanting is not practicable, of trees along the western boundary that are required to be removed for construction of the Busway; and
- b. Planting along the inside of the 1.8 metre fence (as described in condition 15.1) to mitigate the visual impact of the fence.

16. Smales Farm

16.1 The requiring authorities shall consult with a liaison person appointed by Shea Investments Limited and Betty Leila Holdings Limited in respect of:

- a. The detailed landscape plan to be prepared for the Busway in the vicinity of Smales Farm, for the purpose of ensuring that the landscaping for the Busway is integrated with the landscape development of Smales Farm; and
- b. That part of the Traffic Mitigation Plan that relates to Shakespeare Road Extension and Westlake Bus Station.

17. T D Jane, L J & M F Bilton & A S & S J Church

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17.1 Subject to access being granted by the landowners of the properties legally described as Lot 127, DP 56740 (CT 9C/703), Lot 128, DP 56740 (CT C/104) and Lot 129, DP 56740 ("the properties"), the Requiring Authority will implement the landscaping plan prepared by LA4 Landscape Architects for the properties (titled "Proposed Planting to Mitigate Busway" **attached**) and any amendments to the planting shown on the plan as reasonably agreed between the landowners and the Requiring Authority. Failing agreement within 12 months of completion of construction of the fence, the Requiring Authority shall implement the LA4 landscaping plan (or its equivalent in value).

17.2 The Requiring Authority shall construct a fence on the properties' western boundaries prior to construction of the Project commencing adjacent to the landowners properties. The fence shall have the following specifications:

- a. To be located along the properties' western legal boundaries at 2 metres above ground level (as at 16 May 2003) at 7 and 10 Altona Road, and at 2 metres and rising to 2.5 metres above ground level at the northern end at 9 Altona road, for the full length of the boundaries of those properties;
- b. To be constructed of exterior grade (marine) plywood having a thickness of 17.5 mm or more;
- c. Plywood panels to be bolted to a framework so as to ensure no gaps or cracks and to meet the surface of the ground at their lower edge;
- d. Fence posts and framework to be specified by engineering design;
- e. Transit shall construct gates in the fence if requested by the landowners of 7 and 9 Altona Road; and
- f. To be certified by an engineer as having a design life of 20 years (except that certification of the design life of the fence shall not apply to any gates requested to be constructed).

Advice note:

It is the Requiring Authority's intention to construct the fence as part of the enabling works during 2003 or by April 2004 at the latest.

17.3 Any construction activities exceeding the Construction Standard set out in condition 7.3 between chainage 13200 to 13000 shown on the designation plan "Harbour Bridge to Constellation Drive Designation Plans Westlake Boys High School, Drawing No. 7716C609" (the affected area") shall be undertaken between the hours of 8.00am – 6.00pm on weekdays only and shall exclude the two weeks following Christmas Eve. For the avoidance of any doubt, condition 7.5 relating to works exceeding the Construction Standard continues to apply to the landowners as affected parties.

17.4 The Requiring Authority shall undertake earthworks in the affected area in one stage.

17.5 The Requiring Authority shall consult with the landowners on the mitigation plans referred to in the conditions 5, 6, 7, 8, 9, 10 and 11 on the designation insofar as the mitigation plans affect the landowners' properties

18. Bateman Property

Stormwater

18.1 As part of the busway construction works, Transit and NSCC shall provide the following measures to address stormwater effects:

- a. Transit shall pipe the existing drain from chainage 15100 down to 14960 (see Figs 1a – 1c, **attached**);
- b. Transit and NSCC shall widen by 4m the motorway side of the existing drain located on the eastern side of the motorway, from the level of the top of the present vertical concrete wall, from chainage 14960m to Sunnynook Road Culvert (as shown on the **attached** Figs 1a – 1c), such widening shall be at a grade as flat as possible from the existing concrete wall, consistent with efficient fall;
- c. NSCC shall use its best endeavours to reduce the volume of debris caught on the central wall of the Sunnynook Road Culvert by reshaping the leading edge of the central wall;
- e. Transit and NSCC shall undertake the following measures to avoid slope instability and scour:
 - i. Provide a batter toe restraint retaining wall to buttress the lower position of the batter;

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- ii. Construct a gabion wall or timber pole wall to support the toe restraint retaining wall; and
- iii. To undertake grass seedling over the four metre widening of the berm.

Advice Note:

It is recorded that Mr Bateman has agreed to provide access to Transit and NSCC or their contractors to enable them to undertake any drainage improvement works required within or adjacent to the Bateman family property.

Noise

18.2 Transit shall construct a concrete 0.8 metre high barrier between the Busway and the property in compliance with the letter from Marshall Day Acoustics Limited dated 18 December 2002 (**attached** as Appendix 1). The detailed design of this barrier is to be finalized as part of the busway detailed design.

18.3 Transit shall construct a 0.8 metre high solid concrete New Jersey Barrier on top of the retaining wall between the motorway and the busway as also described in Appendix 1; the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.4 Transit shall construct a 1.8 metre high barrier at the rear of the Sunnynook Station between the proposed bus shelter and the end of the platform to mitigate any reflection of noise from the northbound bus shelter, the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.5 Transit agrees that any retaining wall to be constructed for the purposes of the Sunnynook Station shall be constructed from non-reflective materials to mitigate any potential noise effects.

Landscaping

18.6 Transit shall undertake screen planting, consisting of native trees, shrubs and ground cover between Sunnynook Station, the busway and the property, as shown on the **attached** plan (titled "North Shore Busway Project: Amended Landscape Development for Sunnynook Bus Station, Figure 2") to provide effective screening. The planting, including the planting shown on the embankment between the busway and the motorway, will be undertaken as soon as practicable following the construction works and within the first planting season to provide effective screening.

18.7 The landscaping and planting provided for under clause 18.6 shall be planted at Pb28 grade so that the plants are approximately 1.5 metres high when planted.

18.8 All planting shall be tended and maintained to ensure the full establishment and effectiveness of the landscaping including replacement planting where necessary.

Attachments

No attachments.

1423 Akoranga Station

Designation Number	1423
Requiring Authority	Auckland Transport
Location	20 Takapuna Landing, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 172, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Akoranga Station - for the construction, operation and maintenance of roads, buildings, facilities and amenities (including any ancillary structures, works, or activities) for the purpose of providing a rapid transit facility for buses and high occupancy vehicles.

Conditions

The conditions below apply:

1. General Conditions
2. Duration Of Designation
3. PMP and Outline Plans
4. Archaeological Mitigation Conditions (other than 4.3 and 4.4)
5. Ecological Mitigation Conditions (other than 5.5, 5.6 and 5.7)
6. Landscape Mitigation Conditions
7. Noise Mitigation Conditions
8. Geotechnical Mitigation Conditions
9. Vibration Mitigation Conditions
10. Traffic Mitigation Conditions except that:
 - Condition 10.2 shall not apply
 - Condition 10.1(ii) applies only to Notice 8 – Westlake
 - Condition 10.1(iv) applies only to Notices 8 and 9 – Westlake and Sunnynook
 - Condition 10.1(v) applies only to Notice 8 – Westlake
 - Condition 10.3 applies only to Notice 8 – Westlake
11. Construction Management Conditions
14. Westlake Girls High School applies only to Notice 8 – Westlake
18. Bateman: Stormwater Conditions applies only to Notice 9 – Sunnynook (other than Condition 18.1(i)).

1. General Conditions

1.1 The scope and extent of the works envisaged within the designation shall be generally in accordance with the Notices of Requirement, the plans contained in "Volume 3 – A3 Plans" forming part of the documentation supporting the Notice of Requirement, and the relevant detailed plans in the Technical Reports in Volume 5, subject to the final design and the conditions set out below.

1.2 Prior to any works being commenced in particular location(s) of work, the Requiring Authority shall obtain all requisite resource consents for the location(s) affected under the Resource Management Act 1991.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

1.4 At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation in the area affected. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which vehicular access is prevented.

1.5 A permanent liaison position from within the joint Project Governance Team of NSCC and the Requiring Authority will be appointed for the duration of the project. This person is to be available for ongoing consultation on all matters of concern to affected persons.

1.6 All contract documentation for physical works shall include reference to the designation conditions, any

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other resource consents (including conditions) and any approved mitigation or outline plan(s) held for the project.

1.7 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment in individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is the later.

2. Duration of the Designation

2.1 In accordance with Section 184(1)(c) and Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of ten years, except for NOR 8 which will lapse on the expiry of five years, after the date on which it is included in the District Plan unless:

2.2 It is given effect to before the end of that period; or

2.3 The territorial authority determines, on an application made not later than three months before the expiry of that period; that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

3. Project Management Plans (PMP) and Outline Plans

3.1 The requiring authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 5, 6, 7, 8, 9, 10 and 11. 3.2.

No works shall be undertaken in any particular location(s) until:

- a. The PMP, or such part(s) of the PMP as are relevant to the location(s) are approved in the manner provided for in condition 3.3; and
- b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (*RMA*) in relation to the works in the location(s), are approved in the manner provided in condition 3.3. 3.3

Approvals pursuant to condition 3.2(a) shall be obtained from the General Manager of Environmental Services, North Shore City Council, and a senior regulatory officer of the NSCC who is at the time of the approval a member of the Project Governance Team for the management of the works (*the approval officers*).

Advice Note:

Where an outline plan or plans are required by section 176A RMA for works in any particular location(s) and the approval officers agree that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Council may waive the requirement for an Outline Plan.

3.4 The works shall only be undertaken in accordance with an approved PMP and outline plan (where required).

3.5 If for any reason the PMP is not approved, the outline plan procedure under s 176A shall apply. For the avoidance of any doubt, the mitigation/management plans prepared under conditions 5, 6, 7, 8, 9, 10 and 11 shall be included with any outline plan lodged for approval pursuant to s 176A.

4. Archaeological Mitigation Conditions

4.1 If construction work uncovers any archaeological remains, the Requiring Authority will immediately advise local iwi and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without prior consent of the Historic Places Trust).

4.2 That all recorded archaeological sites and other cultural heritage sites in the vicinity of the works shall be clearly marked on the construction plans.

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4.3 Any significant native trees removed from Smiths bush as part of the works to construct the busway shall be offered as gifts to Te Hao o Ngati Whatua and/or Ngati Whatua o Orakei.

4.4 Preliminary earthworks in the vicinity of Onewa Road and Sylvan Ave realignment will be monitored by a suitably qualified and experienced archaeologist.

5. Ecological Mitigation Conditions

5.1 The PMP shall include an Ecological Mitigation Plan prepared by a suitably qualified and experienced ecologist who shall have regard to:

- i. The recommendations contained in the audit by Shona Myers – Natural Heritage Scientist, ARC as to planting and the implementation of mitigation measures;
- ii. The planting of appropriate plant species as identified in ARC Technical Publication 148: Riparian Zone Management: Strategy for the Auckland Region, June 2001.

5.2 The Plan shall provide for:

- i. Planting in riparian zones where consent of the landowner is obtained;
- ii. Mitigation of potential coastal effects.

5.3 Wherever practicable, any disturbance of existing vegetation shall be avoided.

5.4 Where riparian vegetation disturbance cannot be practicably avoided, the Requiring Authority shall take care that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as including, but is not limited to, vegetation clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

5.5 The PMP shall include a plan of the proposed works within the eastern remnant of Smiths Bush in sufficient detail to determine the impact on existing vegetation and the Requiring Authority shall undertake its best endeavours to minimise the removal of vegetation from Smiths Bush.

5.6 All works within the eastern remnant of Smiths Bush shall be supervised by a suitably qualified and experienced arboriculturist.

5.7 As a means of attempting to retain the overall ecological viability of Smiths Bush, any vegetation removed from the eastern remnant of the bush shall be replaced where practicable in accordance with a native tree planting and maintenance regime approved under condition 3.3. and following consultation with appropriate staff at the Auckland Regional Council.

6. Landscape Mitigation Conditions

6.1 The PMP shall include a Landscape Mitigation Plan prepared by a suitably qualified and experienced landscape architect who shall have regard to:

- a. The Landscape Mitigation Plan prepared by LA4 Landscape Architects and contained in the Esmonde Interchange Project: Assessment of Environmental Effects Volume 10c; and
- b. The recommendations contained in the audits by Melean Absolum and Chris Boucher.

6.2 The Landscape Mitigation Plan shall provide for:

- a. The integration of the proposed works into the surrounding landscape;
- b. Appropriate consideration of the angle and extent of batter slopes;
- c. Appropriate screening of existing land-uses along Fred Thomas Drive;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximise integration with the general form of the surrounding landscape;
- e. Ecological mitigation measures (eg revegetation) required in accordance with the Ecological Mitigation Condition;

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- f. Mitigation of effects on properties in the vicinity of the busway;
- g. Noise mitigation measures (eg noise barriers) required in accordance with the Noise Mitigation Conditions and the screening of such measures with planting between barriers and the busway carriageway;
- h. Detailed designs of the acoustic barriers, retaining walls, and earth bunds in conjunction with the engineers where necessary; and
- i. The identification of existing trees and vegetation sited on the boundary of the Busway designation that ought to be retained for screening purposes.

6.3 The Landscape Mitigation Plan shall include details of:

- j. All proposed planting (including species, species size, densities, areas and locations);
- k. The planting programme;
- l. The maintenance programme. This programme shall include details of weed control, performance standards specifying allowable percentage survival rates, and replacement of any planting features;
- m. The sufficiency of the soil medium to sustain all planting proposed; and
- n. An appropriate maintenance regime.

6.4 All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter. Following completion of planting, the Requiring Authority shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

6.5 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

6.6 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

7. Noise Mitigation Conditions

7.1 The project shall, as a minimum standard, be designed and constructed to comply with the limits within the Transit NZ Guidelines for the Management of Traffic Noise for State Highway Improvements and with the acoustic report 'North Shore Busway Project, SH1 busway, Report No 97245B' by Marshall Day Acoustic Limited.

7.2 The PMP shall include a Noise Mitigation Plan prepared by a suitably qualified noise consultant. The purpose of the plan is to describe the methods by which noise associated with traffic using the roading and the bus stations within the designation will be made to comply with specified noise limits at all affected dwellings and schools in the vicinity of the area affected. Where the ambient sound level is required to determine design limits then this shall be done prior to construction commencing.

7.3 The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

7.4 The PMP shall include a Construction Noise Management Plan. The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 7.3 above. In particular, the Construction Noise Management Plan shall identify:

- a. The location of permanent acoustic fences to be installed prior to the commencement of the main construction works;
- b. Methods of managing noise;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency;
- e. Contingency measures in the event of any incidence of non-compliance; and
- f. Procedures for handling noise complaints.

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7.5 Where the requirements of condition 7.4 are unable to be met, the alternative strategies that have been developed following consultation with affected landowners will be implemented. Such alternatives may include, but not be limited to, temporary relocation of occupiers, compensation for occupiers and purchase of the affected properties.

7.6 Construction works shall at all times be undertaken in accordance with the Construction Noise Management Plan.

7.7 Where practicable, acoustic barriers required to meet Transit Noise Guidelines in particular locations, shall be erected prior to commencement of the construction works in those locations.

7.8 Where temporary acoustic barriers are proposed in the Marshall Day Report, and where their retention would result in effective traffic noise reduction for residents or educational facilities, they shall be built to a standard such that the barriers will be able to remain permanently in place at heights approved under condition 3.3, taking into consideration traffic noise reduction visual and landscaping factors and consultation with adjoining property owners.

7.9 Unless:

- a. Otherwise agreed between Ministry of Education (MOE) and the requiring authority; or
- b. MOE agrees to compensation with the Requiring Authority for the noise effects from the Busway and associated new works; where *additional* traffic noise resulting from the Busway or associated new works increases above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any classroom, then the requiring authority shall, immediately following commissioning of the Busway, implement mitigation measures which result in the noise level not *exceeding* 45 dBA Leq, or the ambient noise level *existing* prior to the establishment of the Busway, whichever is the higher. This noise level shall be achieved together with the ventilation requirements of The New Zealand Building Code, Clause C4.

8. Geotechnical Mitigation Condition

8.1 A Geotechnical Mitigation Plan shall be prepared by a suitably qualified Geotechnical Engineer in consultation with North Shore City Council. The plan shall be submitted to the North shore City Council prior to construction of any stage and shall take into account the recommendations of the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues' – November 2001.

9. Vibration Mitigation Conditions

9.1 The PMP shall include a Vibration Mitigation Plan having regard to the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001'. This Mitigation plan shall include details of how the works will comply with the requirement of German Standards DIN4150 "Structural Vibration in Buildings – Effects on Structures" during construction and shall take into account the recommendations.

9.2 A dilapidation survey of 'at risk' buildings, as per the recommendations of the audit prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001', shall be undertaken prior to during and after completion of the construction works, provided the consent of any landowner and/or occupier can be obtained.

10 . Traffic Mitigation Conditions

10.1 The PMP shall include a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall include:

- a. Methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods of helping to accommodate the bus transport needs of pupils of Westlake Girls' High School

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through the development and operation of Westlake Station and the busway system, in the light of consultation with the School;

c. Methods of limiting the use of the busway to emergency vehicles and no more than 350HOVs (excluding buses) per hour north of Esmonde Road, including a restriction on the access of HOVs through Constellation Drive Station to no more than 350HOVs;

d. Details of a monitoring programme to be undertaken detailing the demand for car parking in the vicinity of the Sunnynook Station and Westlake Station prior to the opening of the Station and at regular intervals (a minimum of 2 per annum) for a minimum period of five years following the opening of the Station to the public and measures to manage any such demand. (This condition shall only apply to Notices of Requirement 8 and 9); and

e. Details of pedestrian access to be provided within the Westlake Bus Station and along Shakespeare Road Extension. (This condition shall apply only to Notice of Requirement 8).

10.2 In order to prevent potentially significant traffic disruption during and after construction, the existing Onewa Interchange shall continue to be fully operational (that is in the manner in which it currently operates) until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

10.3 The public use of the Westlake Station shall not be allowed until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

11. Construction Management Conditions

11.1 The PMP shall include a Construction Management Plan which shall refer to all conditions imposed on any relevant resource consents granted by the Auckland Regional Council.

11.2 The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Management Plan shall identify amongst other things:

- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt;
- d. The means by which loss of vehicle access to be (sic) properties will minimise inconvenience to each property owner affected following consultation with affected property owners;
- e. Methods of ensuring pedestrian safety along public footpaths and particularly where works are proposed in close proximity to any school;
- f. Procedures for handling any dust and ground vibration complaints; and

In respect of Takapuna Normal Intermediate School the Management Plan shall include measures to address the following, in consultation with the School:

- i. Preventing students from gaining access to the construction site via the parking area off Northcote road or Smiths bush by the erection of such gates or fencing as may be agreed to by the School and the Requiring Authority;
- ii. Control of construction traffic moving between the construction site and Northcote Road so as to encourage the safe movement of students along Northcote Road; and
- iii. Minimising any adverse effects of construction on the playing field, in particular, dust nuisance.

11.3 The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept at all site offices.

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11.4 The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

11.5 The Requiring Authority shall advise neighbouring owners and occupiers in the vicinity of the affected area of the date on which construction is to start, the expected duration of the work, and the telephone number of Site Liaison Officer who is able to respond to queries.

11.6 The location and extent of each stage of the site works will be identified and the North Shore City Council advised of the construction timetable.

11.7 The earthworks contractor shall be required to maintain the stability of the land and property at the boundary of the site by the best practicable method and to monitor that such works are and remain effective.

11.8 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the Requiring Authority's expense.

11.9 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. It is the Requiring Authority's responsibility to remedy any damages to the public drains that may occur during construction.

11.10 Protected vegetation areas and trees identified in the Landscape Mitigation Plan are to be retained and protected. Other sensitive areas of the site are to be identified and marked for protection prior to the commencement of works.

11.11 Spoil from earthworks, surplus to site requirements, shall be disposed of at an approved landfill site.

12. Exmouth Road Pedestrian Overbridge

12.1 The Requiring Authority will use its best endeavours to obtain all necessary resource consents to allow reinstatement of the existing Exmouth Road pedestrian overbridge in the same or a similar location but extended to provide access across the bus lane to the foreshore. If such consents are granted the Requiring Authority shall reinstate the overbridge prior to the consents lapsing.

13. Westlake Boys High School

13.1 The School accessway, adjoining the western boundaries of the Altona road properties and connecting the northern and southern playing fields, shall be constructed with a minimum width of 4m and designed so that service vehicles and pedestrians can obtain safe and convenient access.

13.2 The western embankment adjoining the southern playing fields of the School shall be planted with *Alnus incana* and *Alnus rubra* at a size and spacing to be detailed within the Landscape Mitigation Plan.

13.3 The Requiring Authority shall use its best endeavours to undertake construction of the works in the area adjoining the northern playing fields during the School Summer holidays (approximately 10 December – 31 January the following year).

14. Westlake Girls High School

14.1 The Requiring Authority shall use its best endeavours to ensure that the pin oak trees along the western boundary of the School are retained.

14.2 The Requiring Authority shall use its best endeavours to undertake construction of the works along the School boundary during the School Summer holidays (approximately 10 December – 31 January the following year).

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year).

15. Takapuna Normal Intermediate School

15.1 A permanent 1.8 metre close boarded and battened wooden fence shall be erected along the western boundary of the school (as identified in the **attached** plan titled "Building Locations Takapuna Normal Intermediate School") prior to commencement of construction of the Busway.

15.2 Where the operation of the Busway results in increases in traffic noise above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any existing Takapuna Normal Intermediate School classroom with windows open (identified in the **attached** plan), then the requiring authority shall implement mitigation measures which result in the noise level not exceeding either 45 dBA Leq, or the ambient noise levels existing prior to the establishment of the Busway, whichever is higher. This noise level shall be achieved together with the ventilation requirements of the New Zealand Building Code, Clause G4 and New Zealand Standard 4303:1990 'Ventilation Requirements for acceptable indoor air quality' and in particular the requirements for educational institutions.

15.3 The Requiring Authority shall provide for:

- a. Replanting, or replacement where replanting is not practicable, of trees along the western boundary that are required to be removed for construction of the Busway; and
- b. Planting along the inside of the 1.8 metre fence (as described in condition 15.1) to mitigate the visual impact of the fence.

16. Smales Farm

16.1 The requiring authorities shall consult with a liaison person appointed by Shea Investments Limited and Betty Leila Holdings Limited in respect of:

- a. The detailed landscape plan to be prepared for the Busway in the vicinity of Smales Farm, for the purpose of ensuring that the landscaping for the Busway is integrated with the landscape development of Smales Farm; and
- b. That part of the Traffic Mitigation Plan that relates to Shakespeare Road Extension and Westlake Bus Station.

17. T D Jane, L J & M F Bilton & A S & S J Church

17.1 Subject to access being granted by the landowners of the properties legally described as Lot 127, DP 56740 (CT 9C/703), Lot 128, DP 56740 (CT C/104) and Lot 129, DP 56740 ("the properties"), the Requiring Authority will implement the landscaping plan prepared by LA4 Landscape Architects for the properties (titled "Proposed Planting to Mitigate Busway" **attached**) and any amendments to the planting shown on the plan as reasonably agreed between the landowners and the Requiring Authority. Failing agreement within 12 months of completion of construction of the fence, the Requiring Authority shall implement the LA4 landscaping plan (or its equivalent in value).

17.2 The Requiring Authority shall construct a fence on the properties' western boundaries prior to construction of the Project commencing adjacent to the landowners properties. The fence shall have the following specifications:

- a. To be located along the properties' western legal boundaries at 2 metres above ground level (as at 16 May 2003) at 7 and 10 Altona Road, and at 2 metres and rising to 2.5 metres above ground level at the northern end at 9 Altona road, for the full length of the boundaries of those properties;
- b. To be constructed of exterior grade (marine) plywood having a thickness of 17.5 mm or more;
- c. Plywood panels to be bolted to a framework so as to ensure no gaps or cracks and to meet the surface of the ground at their lower edge;
- d. Fence posts and framework to be specified by engineering design;
- e. Transit shall construct gates in the fence if requested by the landowners of 7 and 9 Altona Road; and
- f. To be certified by an engineer as having a design life of 20 years (except that certification of the design life of

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the fence shall not apply to any gates requested to be constructed).

Advice note:

It is the Requiring Authority's intention to construct the fence as part of the enabling works during 2003 or by April 2004 at the latest.

17.3 Any construction activities exceeding the Construction Standard set out in condition 7.3 between chainage 13200 to 13000 shown on the designation plan "Harbour Bridge to Constellation Drive Designation Plans Westlake Boys High School, Drawing No. 7716C609" (the affected area") shall be undertaken between the hours of 8.00am – 6.00pm on weekdays only and shall exclude the two weeks following Christmas Eve. For the avoidance of any doubt, condition 7.5 relating to works exceeding the Construction Standard continues to apply to the landowners as affected parties.

17.4 The Requiring Authority shall undertake earthworks in the affected area in one stage.

17.5 The Requiring Authority shall consult with the landowners on the mitigation plans referred to in the conditions 5, 6, 7, 8, 9, 10 and 11 on the designation insofar as the mitigation plans affect the landowners' properties

18. Bateman Property

Stormwater

18.1 As part of the busway construction works, Transit and NSCC shall provide the following measures to address stormwater effects:

- a. Transit shall pipe the existing drain from chainage 15100 down to 14960 (see Figs 1a – 1c, **attached**);
- b. Transit and NSCC shall widen by 4m the motorway side of the existing drain located on the eastern side of the motorway, from the level of the top of the present vertical concrete wall, from chainage 14960m to Sunnynook Road Culvert (as shown on the **attached** Figs 1a – 1c), such widening shall be at a grade as flat as possible from the existing concrete wall, consistent with efficient fall;
- c. NSCC shall use its best endeavours to reduce the volume of debris caught on the central wall of the Sunnynook Road Culvert by reshaping the leading edge of the central wall;
- e. Transit and NSCC shall undertake the following measures to avoid slope instability and scour:
 - i. Provide a batter toe restraint retaining wall to buttress the lower position of the batter;
 - ii. Construct a gabion wall or timber pole wall to support the toe restraint retaining wall; and
 - iii. To undertake grass seedling over the four metre widening of the berm.

Advice Note:

It is recorded that Mr Bateman has agreed to provide access to Transit and NSCC or their contractors to enable them to undertake any drainage improvement works required within or adjacent to the Bateman family property.

Noise

18.2 Transit shall construct a concrete 0.8 metre high barrier between the Busway and the property in compliance with the letter from Marshall Day Acoustics Limited dated 18 December 2002 (**attached** as Appendix 1). The detailed design of this barrier is to be finalized as part of the busway detailed design.

18.3 Transit shall construct a 0.8 metre high solid concrete New Jersey Barrier on top of the retaining wall between the motorway and the busway as also described in Appendix 1; the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.4 Transit shall construct a 1.8 metre high barrier at the rear of the Sunnynook Station between the proposed bus shelter and the end of the platform to mitigate any reflection of noise from the northbound bus shelter, the detailed design of this barrier is to be finalised as part of the busway detailed design.

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18.5 Transit agrees that any retaining wall to be constructed for the purposes of the Sunnynook Station shall be constructed from non-reflective materials to mitigate any potential noise effects.

Landscaping

18.6 Transit shall undertake screen planting, consisting of native trees, shrubs and ground cover between Sunnynook Station, the busway and the property, as shown on the **attached** plan (titled "North Shore Busway Project: Amended Landscape Development for Sunnynook Bus Station, Figure 2") to provide effective screening. The planting, including the planting shown on the embankment between the busway and the motorway, will be undertaken as soon as practicable following the construction works and within the first planting season to provide effective screening.

18.7 The landscaping and planting provided for under clause 18.6 shall be planted at Pb28 grade so that the plants are approximately 1.5 metres high when planted.

18.8 All planting shall be tended and maintained to ensure the full establishment and effectiveness of the landscaping including replacement planting where necessary.

Attachments

No attachments.

1424 Akoranga Station Link Road - Takapuna Landing

Designation Number	1424
Requiring Authority	Auckland Transport
Location	Takapuna Landing, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 173, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Akoranga Station Link Road - for the construction, operation and maintenance of a road.

Conditions

The conditions below apply:

1. General Conditions
2. Duration Of Designation
3. PMP and Outline Plans
4. Archaeological Mitigation Conditions (other than 4.3 and 4.4)
5. Ecological Mitigation Conditions (other than 5.5, 5.6 and 5.7)
6. Landscape Mitigation Conditions
7. Noise Mitigation Conditions
9. Vibration Mitigation Conditions
10. Traffic Mitigation Conditions (other than 10.1(ii), (iv) and (v), 10.2 and 10.3)
11. Construction Management Conditions (including measures addressing the contaminated nature of Barrys Point Reserve and potential remediation measures.

1. General Conditions

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1.1 The scope and extent of the works envisaged within the designation shall be generally in accordance with the Notices of Requirement, the plans contained in "Volume 3 – A3 Plans" forming part of the documentation supporting the Notice of Requirement, and the relevant detailed plans in the Technical Reports in Volume 5, subject to the final design and the conditions set out below.

1.2 Prior to any works being commenced in particular location(s) of work, the Requiring Authority shall obtain all requisite resource consents for the location(s) affected under the Resource Management Act 1991.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

1.4 At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation in the area affected. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which vehicular access is prevented.

1.5 A permanent liaison position from within the joint Project Governance Team of NSCC and the Requiring Authority will be appointed for the duration of the project. This person is to be available for ongoing consultation on all matters of concern to affected persons.

1.6 All contract documentation for physical works shall include reference to the designation conditions, any other resource consents (including conditions) and any approved mitigation or outline plan(s) held for the project.

1.7 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment in individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is the later.

2. Duration of the Designation

2.1 In accordance with Section 184(1)(c) and Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of ten years, except for NOR 8 which will lapse on the expiry of five years, after the date on which it is included in the District Plan unless:

2.2 It is given effect to before the end of that period; or

2.3 The territorial authority determines, on an application made not later than three months before the expiry of that period; that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

3. Project Management Plans (PMP) and Outline Plans

3.1 The requiring authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 5, 6, 7, 8, 9, 10 and 11. 3.2.

No works shall be undertaken in any particular location(s) until:

a. The PMP, or such part(s) of the PMP as are relevant to the location(s) are approved in the manner provided for in condition 3.3; and

b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (*RMA*) in relation to the works in the location(s), are approved in the manner provided in condition 3.3. 3.3

Approvals pursuant to condition 3.2(a) shall be obtained from the General Manager of Environmental Services,

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North Shore City Council, and a senior regulatory officer of the NSCC who is at the time of the approval a member of the Project Governance Team for the management of the works (*the approval officers*).

Advice Note:

Where an outline plan or plans are required by section 176A RMA for works in any particular location(s) and the approval officers agree that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Council may waive the requirement for an Outline Plan.

3.4 The works shall only be undertaken in accordance with an approved PMP and outline plan (where required).

3.5 If for any reason the PMP is not approved, the outline plan procedure under s 176A shall apply. For the avoidance of any doubt, the mitigation/management plans prepared under conditions 5, 6, 7, 8, 9, 10 and 11 shall be included with any outline plan lodged for approval pursuant to s 176A.

4. Archaeological Mitigation Conditions

4.1 If construction work uncovers any archaeological remains, the Requiring Authority will immediately advise local iwi and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without prior consent of the Historic Places Trust).

4.2 That all recorded archaeological sites and other cultural heritage sites in the vicinity of the works shall be clearly marked on the construction plans.

4.3 Any significant native trees removed from Smiths bush as part of the works to construct the busway shall be offered as gifts to Te Hao o Ngati Whatua and/or Ngati Whatua o Orakei.

4.4 Preliminary earthworks in the vicinity of Onewa Road and Sylvan Ave realignment will be monitored by a suitably qualified and experienced archaeologist.

5. Ecological Mitigation Conditions

5.1 The PMP shall include an Ecological Mitigation Plan prepared by a suitably qualified and experienced ecologist who shall have regard to:

- i. The recommendations contained in the audit by Shona Myers – Natural Heritage Scientist, ARC as to planting and the implementation of mitigation measures;
- ii. The planting of appropriate plant species as identified in ARC Technical Publication 148: Riparian Zone Management: Strategy for the Auckland Region, June 2001.

5.2 The Plan shall provide for:

- i. Planting in riparian zones where consent of the landowner is obtained;
- ii. Mitigation of potential coastal effects.

5.3 Wherever practicable, any disturbance of existing vegetation shall be avoided.

5.4 Where riparian vegetation disturbance cannot be practicably avoided, the Requiring Authority shall take care that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as including, but is not limited to, vegetation clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

5.5 The PMP shall include a plan of the proposed works within the eastern remnant of Smiths Bush in sufficient detail to determine the impact on existing vegetation and the Requiring Authority shall undertake its best endeavours to minimise the removal of vegetation from Smiths Bush.

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5.6 All works within the eastern remnant of Smiths Bush shall be supervised by a suitably qualified and experienced arboriculturist.

5.7 As a means of attempting to retain the overall ecological viability of Smiths Bush, any vegetation removed from the eastern remnant of the bush shall be replaced where practicable in accordance with a native tree planting and maintenance regime approved under condition 3.3. and following consultation with appropriate staff at the Auckland Regional Council.

6. Landscape Mitigation Conditions

6.1 The PMP shall include a Landscape Mitigation Plan prepared by a suitably qualified and experienced landscape architect who shall have regard to:

- a. The Landscape Mitigation Plan prepared by LA4 Landscape Architects and contained in the Esmonde Interchange Project: Assessment of Environmental Effects Volume 10c; and
- b. The recommendations contained in the audits by Melean Absolum and Chris Boucher.

6.2 The Landscape Mitigation Plan shall provide for:

- a. The integration of the proposed works into the surrounding landscape;
- b. Appropriate consideration of the angle and extent of batter slopes;
- c. Appropriate screening of existing land-uses along Fred Thomas Drive;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximise integration with the general form of the surrounding landscape;
- e. Ecological mitigation measures (eg revegetation) required in accordance with the Ecological Mitigation Condition;
- f. Mitigation of effects on properties in the vicinity of the busway;
- g. Noise mitigation measures (eg noise barriers) required in accordance with the Noise Mitigation Conditions and the screening of such measures with planting between barriers and the busway carriageway;
- h. Detailed designs of the acoustic barriers, retaining walls, and earth bunds in conjunction with the engineers where necessary; and
- i. The identification of existing trees and vegetation sited on the boundary of the Busway designation that ought to be retained for screening purposes.

6.3 The Landscape Mitigation Plan shall include details of:

- j. All proposed planting (including species, species size, densities, areas and locations);
- k. The planting programme;
- l. The maintenance programme. This programme shall include details of weed control, performance standards specifying allowable percentage survival rates, and replacement of any planting features;
- m. The sufficiency of the soil medium to sustain all planting proposed; and
- n. An appropriate maintenance regime.

6.4 All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter. Following completion of planting, the Requiring Authority shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

6.5 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

6.6 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

7. Noise Mitigation Conditions

7.1 The project shall, as a minimum standard, be designed and constructed to comply with the limits within the Transit NZ Guidelines for the Management of Traffic Noise for State Highway Improvements and with the

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acoustic report 'North Shore Busway Project, SH1 busway, Report No 97245B' by Marshall Day Acoustic Limited.

7.2 The PMP shall include a Noise Mitigation Plan prepared by a suitably qualified noise consultant. The purpose of the plan is to describe the methods by which noise associated with traffic using the roading and the bus stations within the designation will be made to comply with specified noise limits at all affected dwellings and schools in the vicinity of the area affected. Where the ambient sound level is required to determine design limits then this shall be done prior to construction commencing.

7.3 The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

7.4 The PMP shall include a Construction Noise Management Plan. The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 7.3 above. In particular, the Construction Noise Management Plan shall identify:

- a. The location of permanent acoustic fences to be installed prior to the commencement of the main construction works;
- b. Methods of managing noise;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency;
- e. Contingency measures in the event of any incidence of non-compliance; and
- f. Procedures for handling noise complaints.

7.5 Where the requirements of condition 7.4 are unable to be met, the alternative strategies that have been developed following consultation with affected landowners will be implemented. Such alternatives may include, but not be limited to, temporary relocation of occupiers, compensation for occupiers and purchase of the affected properties.

7.6 Construction works shall at all times be undertaken in accordance with the Construction Noise Management Plan.

7.7 Where practicable, acoustic barriers required to meet Transit Noise Guidelines in particular locations, shall be erected prior to commencement of the construction works in those locations.

7.8 Where temporary acoustic barriers are proposed in the Marshall Day Report, and where their retention would result in effective traffic noise reduction for residents or educational facilities, they shall be built to a standard such that the barriers will be able to remain permanently in place at heights approved under condition 3.3, taking into consideration traffic noise reduction visual and landscaping factors and consultation with adjoining property owners.

7.9 Unless:

- a. Otherwise agreed between Ministry of Education (MOE) and the requiring authority; or
- b. MOE agrees to compensation with the Requiring Authority for the noise effects from the Busway and associated new works; where *additional* traffic noise resulting from the Busway or associated new works increases above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any classroom, then the requiring authority shall, immediately following commissioning of the Busway, implement mitigation measures which result in the noise level not *exceeding* 45 dBA Leq, or the ambient noise level *existing* prior to the establishment of the Busway, whichever is the higher. This noise level shall be achieved together with the ventilation requirements of The New Zealand Building Code, Clause C4.

8. Geotechnical Mitigation Condition

8.1 A Geotechnical Mitigation Plan shall be prepared by a suitably qualified Geotechnical Engineer in

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consultation with North Shore City Council. The plan shall be submitted to the North shore City Council prior to construction of any stage and shall take into account the recommendations of the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues' – November 2001.

9. Vibration Mitigation Conditions

9.1 The PMP shall include a Vibration Mitigation Plan having regard to the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001'. This Mitigation plan shall include details of how the works will comply with the requirement of German Standards DIN4150 "Structural Vibration in Buildings – Effects on Structures" during construction and shall take into account the recommendations.

9.2 A dilapidation survey of 'at risk' buildings, as per the recommendations of the audit prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001', shall be undertaken prior to during and after completion of the construction works, provided the consent of any landowner and/or occupier can be obtained.

10 . Traffic Mitigation Conditions

10.1 The PMP shall include a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall include:

- a. Methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods of helping to accommodate the bus transport needs of pupils of Westlake Girls' High School through the development and operation of Westlake Station and the busway system, in the light of consultation with the School;
- c. Methods of limiting the use of the busway to emergency vehicles and no more than 350HOVs (excluding buses) per hour north of Esmonde Road, including a restriction on the access of HOVs through Constellation Drive Station to no more than 350HOVs;
- d. Details of a monitoring programme to be undertaken detailing the demand for car parking in the vicinity of the Sunnynook Station and Westlake Station prior to the opening of the Station and at regular intervals (a minimum of 2 per annum) for a minimum period of five years following the opening of the Station to the public and measures to manage any such demand. (This condition shall only apply to Notices of Requirement 8 and 9); and
- e. Details of pedestrian access to be provided within the Westlake Bus Station and along Shakespeare Road Extension. (This condition shall apply only to Notice of Requirement 8).

10.2 In order to prevent potentially significant traffic disruption during and after construction, the existing Onewa Interchange shall continue to be fully operational (that is in the manner in which it currently operates) until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

10.3 The public use of the Westlake Station shall not be allowed until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

11. Construction Management Conditions

11.1 The PMP shall include a Construction Management Plan which shall refer to all conditions imposed on any relevant resource consents granted by the Auckland Regional Council.

11.2 The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Management Plan shall identify amongst other things:

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- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt;
- d. The means by which loss of vehicle access to be (sic) properties will minimise inconvenience to each property owner affected following consultation with affected property owners;
- e. Methods of ensuring pedestrian safety along public footpaths and particularly where works are proposed in close proximity to any school;
- f. Procedures for handling any dust and ground vibration complaints; and

In respect of Takapuna Normal Intermediate School the Management Plan shall include measures to address the following, in consultation with the School:

- i. Preventing students from gaining access to the construction site via the parking area off Northcote road or Smiths bush by the erection of such gates or fencing as may be agreed to by the School and the Requiring Authority;
- ii. Control of construction traffic moving between the construction site and Northcote Road so as to encourage the safe movement of students along Northcote Road; and
- iii. Minimising any adverse effects of construction on the playing field, in particular, dust nuisance.

11.3 The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept at all site offices.

11.4 The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

11.5 The Requiring Authority shall advise neighbouring owners and occupiers in the vicinity of the affected area of the date on which construction is to start, the expected duration of the work, and the telephone number of Site Liaison Officer who is able to respond to queries.

11.6 The location and extent of each stage of the site works will be identified and the North Shore City Council advised of the construction timetable.

11.7 The earthworks contractor shall be required to maintain the stability of the land and property at the boundary of the site by the best practicable method and to monitor that such works are and remain effective.

11.8 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the Requiring Authority's expense.

11.9 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. It is the Requiring Authority's responsibility to remedy any damages to the public drains that may occur during construction.

11.10 Protected vegetation areas and trees identified in the Landscape Mitigation Plan are to be retained and protected. Other sensitive areas of the site are to be identified and marked for protection prior to the commencement of works.

11.11 Spoil from earthworks, surplus to site requirements, shall be disposed of at an approved landfill site.

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12. Exmouth Road Pedestrian Overbridge

12.1 The Requiring Authority will use its best endeavours to obtain all necessary resource consents to allow reinstatement of the existing Exmouth Road pedestrian overbridge in the same or a similar location but extended to provide access across the bus lane to the foreshore. If such consents are granted the Requiring Authority shall reinstate the overbridge prior to the consents lapsing.

13. Westlake Boys High School

13.1 The School accessway, adjoining the western boundaries of the Altona road properties and connecting the northern and southern playing fields, shall be constructed with a minimum width of 4m and designed so that service vehicles and pedestrians can obtain safe and convenient access.

13.2 The western embankment adjoining the southern playing fields of the School shall be planted with *Alnus incana* and *Alnus rubra* at a size and spacing to be detailed within the Landscape Mitigation Plan.

13.3 The Requiring Authority shall use its best endeavours to undertake construction of the works in the area adjoining the northern playing fields during the School Summer holidays (approximately 10 December – 31 January the following year).

14. Westlake Girls High School

14.1 The Requiring Authority shall use its best endeavours to ensure that the pin oak trees along the western boundary of the School are retained.

14.2 The Requiring Authority shall use its best endeavours to undertake construction of the works along the School boundary during the School Summer holidays (approximately 10 December – 31 January the following year).

15. Takapuna Normal Intermediate School

15.1 A permanent 1.8 metre close boarded and battened wooden fence shall be erected along the western boundary of the school (as identified in the **attached** plan titled "Building Locations Takapuna Normal Intermediate School") prior to commencement of construction of the Busway.

15.2 Where the operation of the Busway results in increases in traffic noise above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any existing Takapuna Normal Intermediate School classroom with windows open (identified in the **attached** plan), then the requiring authority shall implement mitigation measures which result in the noise level not exceeding either 45 dBA Leq, or the ambient noise levels existing prior to the establishment of the Busway, whichever is higher. This noise level shall be achieved together with the ventilation requirements of the New Zealand Building Code, Clause G4 and New Zealand Standard 4303:1990 'Ventilation Requirements for acceptable indoor air quality' and in particular the requirements for educational institutions.

15.3 The Requiring Authority shall provide for:

- a. Replanting, or replacement where replanting is not practicable, of trees along the western boundary that are required to be removed for construction of the Busway; and
- b. Planting along the inside of the 1.8 metre fence (as described in condition 15.1) to mitigate the visual impact of the fence.

16. Smales Farm

16.1 The requiring authorities shall consult with a liaison person appointed by Shea Investments Limited and Betty Leila Holdings Limited in respect of:

- a. The detailed landscape plan to be prepared for the Busway in the vicinity of Smales Farm, for the purpose of ensuring that the landscaping for the Busway is integrated with the landscape development of Smales Farm; and

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b. That part of the Traffic Mitigation Plan that relates to Shakespeare Road Extension and Westlake Bus Station.

17. T D Jane, L J & M F Bilton & A S & S J Church

17.1 Subject to access being granted by the landowners of the properties legally described as Lot 127, DP 56740 (CT 9C/703), Lot 128, DP 56740 (CT C/104) and Lot 129, DP 56740 ("the properties"), the Requiring Authority will implement the landscaping plan prepared by LA4 Landscape Architects for the properties (titled "Proposed Planting to Mitigate Busway" **attached**) and any amendments to the planting shown on the plan as reasonably agreed between the landowners and the Requiring Authority. Failing agreement within 12 months of completion of construction of the fence, the Requiring Authority shall implement the LA4 landscaping plan (or its equivalent in value).

17.2 The Requiring Authority shall construct a fence on the properties' western boundaries prior to construction of the Project commencing adjacent to the landowners properties. The fence shall have the following specifications:

- a. To be located along the properties' western legal boundaries at 2 metres above ground level (as at 16 May 2003) at 7 and 10 Altona Road, and at 2 metres and rising to 2.5 metres above ground level at the northern end at 9 Altona road, for the full length of the boundaries of those properties;
- b. To be constructed of exterior grade (marine) plywood having a thickness of 17.5 mm or more;
- c. Plywood panels to be bolted to a framework so as to ensure no gaps or cracks and to meet the surface of the ground at their lower edge;
- d. Fence posts and framework to be specified by engineering design;
- e. Transit shall construct gates in the fence if requested by the landowners of 7 and 9 Altona Road; and
- f. To be certified by an engineer as having a design life of 20 years (except that certification of the design life of the fence shall not apply to any gates requested to be constructed).

Advice note:

It is the Requiring Authority's intention to construct the fence as part of the enabling works during 2003 or by April 2004 at the latest.

17.3 Any construction activities exceeding the Construction Standard set out in condition 7.3 between chainage 13200 to 13000 shown on the designation plan "Harbour Bridge to Constellation Drive Designation Plans Westlake Boys High School, Drawing No. 7716C609" (the affected area") shall be undertaken between the hours of 8.00am – 6.00pm on weekdays only and shall exclude the two weeks following Christmas Eve. For the avoidance of any doubt, condition 7.5 relating to works exceeding the Construction Standard continues to apply to the landowners as affected parties.

17.4 The Requiring Authority shall undertake earthworks in the affected area in one stage.

17.5 The Requiring Authority shall consult with the landowners on the mitigation plans referred to in the conditions 5, 6, 7, 8, 9, 10 and 11 on the designation insofar as the mitigation plans affect the landowners' properties

18. Bateman Property

Stormwater

18.1 As part of the busway construction works, Transit and NSCC shall provide the following measures to address stormwater effects:

- a. Transit shall pipe the existing drain from chainage 15100 down to 14960 (see Figs 1a – 1c, **attached**);
- b. Transit and NSCC shall widen by 4m the motorway side of the existing drain located on the eastern side of the motorway, from the level of the top of the present vertical concrete wall, from chainage 14960m to Sunnynook Road Culvert (as shown on the **attached** Figs 1a – 1c), such widening shall be at a grade as flat as possible from the existing concrete wall, consistent with efficient fall;

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- c. NSCC shall use its best endeavours to reduce the volume of debris caught on the central wall of the Sunnynook Road Culvert by reshaping the leading edge of the central wall;
- e. Transit and NSCC shall undertake the following measures to avoid slope instability and scour:
 - i. Provide a batter toe restraint retaining wall to buttress the lower position of the batter;
 - ii. Construct a gabion wall or timber pole wall to support the toe restraint retaining wall; and
 - iii. To undertake grass seedling over the four metre widening of the berm.

Advice Note:

It is recorded that Mr Bateman has agreed to provide access to Transit and NSCC or their contractors to enable them to undertake any drainage improvement works required within or adjacent to the Bateman family property.

Noise

18.2 Transit shall construct a concrete 0.8 metre high barrier between the Busway and the property in compliance with the letter from Marshall Day Acoustics Limited dated 18 December 2002 (**attached** as Appendix 1). The detailed design of this barrier is to be finalized as part of the busway detailed design.

18.3 Transit shall construct a 0.8 metre high solid concrete New Jersey Barrier on top of the retaining wall between the motorway and the busway as also described in Appendix 1; the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.4 Transit shall construct a 1.8 metre high barrier at the rear of the Sunnynook Station between the proposed bus shelter and the end of the platform to mitigate any reflection of noise from the northbound bus shelter, the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.5 Transit agrees that any retaining wall to be constructed for the purposes of the Sunnynook Station shall be constructed from non-reflective materials to mitigate any potential noise effects.

Landscaping

18.6 Transit shall undertake screen planting, consisting of native trees, shrubs and ground cover between Sunnynook Station, the busway and the property, as shown on the **attached** plan (titled "North Shore Busway Project: Amended Landscape Development for Sunnynook Bus Station, Figure 2") to provide effective screening. The planting, including the planting shown on the embankment between the busway and the motorway, will be undertaken as soon as practicable following the construction works and within the first planting season to provide effective screening.

18.7 The landscaping and planting provided for under clause 18.6 shall be planted at Pb28 grade so that the plants are approximately 1.5 metres high when planted.

18.8 All planting shall be tended and maintained to ensure the full establishment and effectiveness of the landscaping including replacement planting where necessary.

Attachments

No attachments.

1425 Akoranga Pedestrian Overbridge

Designation Number	1425
Requiring Authority	Auckland Transport
Location	20 Takapuna Landing (Akoranga Station), Takapuna (over State Highway 1) to 72 Akoranga Drive (Akoranga Campus), Northcote
Rollover Designation	Yes

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Legacy Reference	Designation 174, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Akoranga Pedestrian Overbridge - for the construction, operation and maintenance of a pedestrian overbridge.

Conditions

The conditions below apply:

1. General Conditions

1.9 No works in relation to the proposed overbridge shall be undertaken until such time as works have commenced in relation to the Akoranga Station.

2. Duration Of Designation

3. PMP and Outline Plans

6. Landscape Mitigation Conditions

8. Geotechnical Mitigation Conditions

11. Construction Management Conditions

1. General Conditions

1.1 The scope and extent of the works envisaged within the designation shall be generally in accordance with the Notices of Requirement, the plans contained in "Volume 3 – A3 Plans" forming part of the documentation supporting the Notice of Requirement, and the relevant detailed plans in the Technical Reports in Volume 5, subject to the final design and the conditions set out below.

1.2 Prior to any works being commenced in particular location(s) of work, the Requiring Authority shall obtain all requisite resource consents for the location(s) affected under the Resource Management Act 1991.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

1.4 At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation in the area affected. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which vehicular access is prevented.

1.5 A permanent liaison position from within the joint Project Governance Team of NSCC and the Requiring Authority will be appointed for the duration of the project. This person is to be available for ongoing consultation on all matters of concern to affected persons.

1.6 All contract documentation for physical works shall include reference to the designation conditions, any other resource consents (including conditions) and any approved mitigation or outline plan(s) held for the project.

1.7 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment in individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is the later.

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2. Duration of the Designation

2.1 In accordance with Section 184(1)(c) and Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of ten years, except for NOR 8 which will lapse on the expiry of five years, after the date on which it is included in the District Plan unless:

2.2 It is given effect to before the end of that period; or

2.3 The territorial authority determines, on an application made not later than three months before the expiry of that period; that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

3. Project Management Plans (PMP) and Outline Plans

3.1 The requiring authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 5, 6, 7, 8, 9, 10 and 11. 3.2.

No works shall be undertaken in any particular location(s) until:

- a. The PMP, or such part(s) of the PMP as are relevant to the location(s) are approved in the manner provided for in condition 3.3; and
- b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (*RMA*) in relation to the works in the location(s), are approved in the manner provided in condition 3.3. 3.3

Approvals pursuant to condition 3.2(a) shall be obtained from the General Manager of Environmental Services, North Shore City Council, and a senior regulatory officer of the NSCC who is at the time of the approval a member of the Project Governance Team for the management of the works (*the approval officers*).

Advice Note:

Where an outline plan or plans are required by section 176A RMA for works in any particular location(s) and the approval officers agree that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Council may waive the requirement for an Outline Plan.

3.4 The works shall only be undertaken in accordance with an approved PMP and outline plan (where required).

3.5 If for any reason the PMP is not approved, the outline plan procedure under s 176A shall apply. For the avoidance of any doubt, the mitigation/management plans prepared under conditions 5, 6, 7, 8, 9, 10 and 11 shall be included with any outline plan lodged for approval pursuant to s 176A.

4. Archaeological Mitigation Conditions

4.1 If construction work uncovers any archaeological remains, the Requiring Authority will immediately advise local iwi and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without prior consent of the Historic Places Trust).

4.2 That all recorded archaeological sites and other cultural heritage sites in the vicinity of the works shall be clearly marked on the construction plans.

4.3 Any significant native trees removed from Smiths bush as part of the works to construct the busway shall be offered as gifts to Te Hao o Ngati Whatua and/or Ngati Whatua o Orakei.

4.4 Preliminary earthworks in the vicinity of Onewa Road and Sylvan Ave realignment will be monitored by a suitably qualified and experienced archaeologist.

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5. Ecological Mitigation Conditions

5.1 The PMP shall include an Ecological Mitigation Plan prepared by a suitably qualified and experienced ecologist who shall have regard to:

- i. The recommendations contained in the audit by Shona Myers – Natural Heritage Scientist, ARC as to planting and the implementation of mitigation measures;
- ii. The planting of appropriate plant species as identified in ARC Technical Publication 148: Riparian Zone Management: Strategy for the Auckland Region, June 2001.

5.2 The Plan shall provide for:

- i. Planting in riparian zones where consent of the landowner is obtained;
- ii. Mitigation of potential coastal effects.

5.3 Wherever practicable, any disturbance of existing vegetation shall be avoided.

5.4 Where riparian vegetation disturbance cannot be practicably avoided, the Requiring Authority shall take care that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as including, but is not limited to, vegetation clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

5.5 The PMP shall include a plan of the proposed works within the eastern remnant of Smiths Bush in sufficient detail to determine the impact on existing vegetation and the Requiring Authority shall undertake its best endeavours to minimise the removal of vegetation from Smiths Bush.

5.6 All works within the eastern remnant of Smiths Bush shall be supervised by a suitably qualified and experienced arboriculturist.

5.7 As a means of attempting to retain the overall ecological viability of Smiths Bush, any vegetation removed from the eastern remnant of the bush shall be replaced where practicable in accordance with a native tree planting and maintenance regime approved under condition 3.3. and following consultation with appropriate staff at the Auckland Regional Council.

6. Landscape Mitigation Conditions

6.1 The PMP shall include a Landscape Mitigation Plan prepared by a suitably qualified and experienced landscape architect who shall have regard to:

- a. The Landscape Mitigation Plan prepared by LA4 Landscape Architects and contained in the Esmonde Interchange Project: Assessment of Environmental Effects Volume 10c; and
- b. The recommendations contained in the audits by Melean Absolum and Chris Boucher.

6.2 The Landscape Mitigation Plan shall provide for:

- a. The integration of the proposed works into the surrounding landscape;
- b. Appropriate consideration of the angle and extent of batter slopes;
- c. Appropriate screening of existing land-uses along Fred Thomas Drive;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximise integration with the general form of the surrounding landscape;
- e. Ecological mitigation measures (eg revegetation) required in accordance with the Ecological Mitigation Condition;
- f. Mitigation of effects on properties in the vicinity of the busway;
- g. Noise mitigation measures (eg noise barriers) required in accordance with the Noise Mitigation Conditions and the screening of such measures with planting between barriers and the busway carriageway;
- h. Detailed designs of the acoustic barriers, retaining walls, and earth bunds in conjunction with the engineers where necessary; and
- i. The identification of existing trees and vegetation sited on the boundary of the Busway designation that ought

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to be retained for screening purposes.

6.3 The Landscape Mitigation Plan shall include details of:

- j. All proposed planting (including species, species size, densities, areas and locations);
- k. The planting programme;
- l. The maintenance programme. This programme shall include details of weed control, performance standards specifying allowable percentage survival rates, and replacement of any planting features;
- m. The sufficiency of the soil medium to sustain all planting proposed; and
- n. An appropriate maintenance regime.

6.4 All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter. Following completion of planting, the Requiring Authority shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

6.5 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

6.6 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

7. Noise Mitigation Conditions

7.1 The project shall, as a minimum standard, be designed and constructed to comply with the limits within the Transit NZ Guidelines for the Management of Traffic Noise for State Highway Improvements and with the acoustic report 'North Shore Busway Project, SH1 busway, Report No 97245B' by Marshall Day Acoustic Limited.

7.2 The PMP shall include a Noise Mitigation Plan prepared by a suitably qualified noise consultant. The purpose of the plan is to describe the methods by which noise associated with traffic using the roading and the bus stations within the designation will be made to comply with specified noise limits at all affected dwellings and schools in the vicinity of the area affected. Where the ambient sound level is required to determine design limits then this shall be done prior to construction commencing.

7.3 The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

7.4 The PMP shall include a Construction Noise Management Plan. The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 7.3 above. In particular, the Construction Noise Management Plan shall identify:

- a. The location of permanent acoustic fences to be installed prior to the commencement of the main construction works;
- b. Methods of managing noise;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency;
- e. Contingency measures in the event of any incidence of non-compliance; and
- f. Procedures for handling noise complaints.

7.5 Where the requirements of condition 7.4 are unable to be met, the alternative strategies that have been developed following consultation with affected landowners will be implemented. Such alternatives may include, but not be limited to, temporary relocation of occupiers, compensation for occupiers and purchase of the affected properties.

7.6 Construction works shall at all times be undertaken in accordance with the Construction Noise Management

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Plan.

7.7 Where practicable, acoustic barriers required to meet Transit Noise Guidelines in particular locations, shall be erected prior to commencement of the construction works in those locations.

7.8 Where temporary acoustic barriers are proposed in the Marshall Day Report, and where their retention would result in effective traffic noise reduction for residents or educational facilities, they shall be built to a standard such that the barriers will be able to remain permanently in place at heights approved under condition 3.3, taking into consideration traffic noise reduction visual and landscaping factors and consultation with adjoining property owners.

7.9 Unless:

- a. Otherwise agreed between Ministry of Education (MOE) and the requiring authority; or
- b. MOE agrees to compensation with the Requiring Authority for the noise effects from the Busway and associated new works; where *additional* traffic noise resulting from the Busway or associated new works increases above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any classroom, then the requiring authority shall, immediately following commissioning of the Busway, implement mitigation measures which result in the noise level not *exceeding* 45 dBA Leq, or the ambient noise level *existing* prior to the establishment of the Busway, whichever is the higher. This noise level shall be achieved together with the ventilation requirements of The New Zealand Building Code, Clause C4.

8. Geotechnical Mitigation Condition

8.1 A Geotechnical Mitigation Plan shall be prepared by a suitably qualified Geotechnical Engineer in consultation with North Shore City Council. The plan shall be submitted to the North shore City Council prior to construction of any stage and shall take into account the recommendations of the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues' – November 2001.

9. Vibration Mitigation Conditions

9.1 The PMP shall include a Vibration Mitigation Plan having regard to the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001'. This Mitigation plan shall include details of how the works will comply with the requirement of German Standards DIN4150 "Structural Vibration in Buildings – Effects on Structures" during construction and shall take into account the recommendations.

9.2 A dilapidation survey of 'at risk' buildings, as per the recommendations of the audit prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001', shall be undertaken prior to during and after completion of the construction works, provided the consent of any landowner and/or occupier can be obtained.

10 . Traffic Mitigation Conditions

10.1 The PMP shall include a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall include:

- a. Methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods of helping to accommodate the bus transport needs of pupils of Westlake Girls' High School through the development and operation of Westlake Station and the busway system, in the light of consultation with the School;
- c. Methods of limiting the use of the busway to emergency vehicles and no more than 350HOVs (excluding buses) per hour north of Esmonde Road, including a restriction on the access of HOVs through Constellation Drive Station to no more than 350HOVs;
- d. Details of a monitoring programme to be undertaken detailing the demand for car parking in the vicinity of the

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Sunnynook Station and Westlake Station prior to the opening of the Station and at regular intervals (a minimum of 2 per annum) for a minimum period of five years following the opening of the Station to the public and measures to manage any such demand. (This condition shall only apply to Notices of Requirement 8 and 9); and

e. Details of pedestrian access to be provided within the Westlake Bus Station and along Shakespeare Road Extension. (This condition shall apply only to Notice of Requirement 8).

10.2 In order to prevent potentially significant traffic disruption during and after construction, the existing Onewa Interchange shall continue to be fully operational (that is in the manner in which it currently operates) until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

10.3 The public use of the Westlake Station shall not be allowed until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

11. Construction Management Conditions

11.1 The PMP shall include a Construction Management Plan which shall refer to all conditions imposed on any relevant resource consents granted by the Auckland Regional Council.

11.2 The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Management Plan shall identify amongst other things:

- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt;
- d. The means by which loss of vehicle access to be (sic) properties will minimise inconvenience to each property owner affected following consultation with affected property owners;
- e. Methods of ensuring pedestrian safety along public footpaths and particularly where works are proposed in close proximity to any school;
- f. Procedures for handling any dust and ground vibration complaints; and

In respect of Takapuna Normal Intermediate School the Management Plan shall include measures to address the following, in consultation with the School:

- i. Preventing students from gaining access to the construction site via the parking area off Northcote road or Smiths bush by the erection of such gates or fencing as may be agreed to by the School and the Requiring Authority;
- ii. Control of construction traffic moving between the construction site and Northcote Road so as to encourage the safe movement of students along Northcote Road; and
- iii. Minimising any adverse effects of construction on the playing field, in particular, dust nuisance.

11.3 The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept at all site offices.

11.4 The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

11.5 The Requiring Authority shall advise neighbouring owners and occupiers in the vicinity of the affected area

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of the date on which construction is to start, the expected duration of the work, and the telephone number of Site Liaison Officer who is able to respond to queries.

11.6 The location and extent of each stage of the site works will be identified and the North Shore City Council advised of the construction timetable.

11.7 The earthworks contractor shall be required to maintain the stability of the land and property at the boundary of the site by the best practicable method and to monitor that such works are and remain effective.

11.8 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the Requiring Authority's expense.

11.9 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. It is the Requiring Authority's responsibility to remedy any damages to the public drains that may occur during construction.

11.10 Protected vegetation areas and trees identified in the Landscape Mitigation Plan are to be retained and protected. Other sensitive areas of the site are to be identified and marked for protection prior to the commencement of works.

11.11 Spoil from earthworks, surplus to site requirements, shall be disposed of at an approved landfill site.

12. Exmouth Road Pedestrian Overbridge

12.1 The Requiring Authority will use its best endeavours to obtain all necessary resource consents to allow reinstatement of the existing Exmouth Road pedestrian overbridge in the same or a similar location but extended to provide access across the bus lane to the foreshore. If such consents are granted the Requiring Authority shall reinstate the overbridge prior to the consents lapsing.

13. Westlake Boys High School

13.1 The School accessway, adjoining the western boundaries of the Altona road properties and connecting the northern and southern playing fields, shall be constructed with a minimum width of 4m and designed so that service vehicles and pedestrians can obtain safe and convenient access.

13.2 The western embankment adjoining the southern playing fields of the School shall be planted with *Alnus incana* and *Alnus rubra* at a size and spacing to be detailed within the Landscape Mitigation Plan.

13.3 The Requiring Authority shall use its best endeavours to undertake construction of the works in the area adjoining the northern playing fields during the School Summer holidays (approximately 10 December – 31 January the following year).

14. Westlake Girls High School

14.1 The Requiring Authority shall use its best endeavours to ensure that the pin oak trees along the western boundary of the School are retained.

14.2 The Requiring Authority shall use its best endeavours to undertake construction of the works along the School boundary during the School Summer holidays (approximately 10 December – 31 January the following year).

15. Takapuna Normal Intermediate School

15.1 A permanent 1.8 metre close boarded and battened wooden fence shall be erected along the western boundary of the school (as identified in the **attached** plan titled "Building Locations Takapuna Normal

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Intermediate School”) prior to commencement of construction of the Busway.

15.2 Where the operation of the Busway results in increases in traffic noise above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any existing Takapuna Normal Intermediate School classroom with windows open (identified in the **attached** plan), then the requiring authority shall implement mitigation measures which result in the noise level not exceeding either 45 dBA Leq, or the ambient noise levels existing prior to the establishment of the Busway, whichever is higher. This noise level shall be achieved together with the ventilation requirements of the New Zealand Building Code, Clause G4 and New Zealand Standard 4303:1990 ‘Ventilation Requirements for acceptable indoor air quality’ and in particular the requirements for educational institutions.

15.3 The Requiring Authority shall provide for:

- a. Replanting, or replacement where replanting is not practicable, of trees along the western boundary that are required to be removed for construction of the Busway; and
- b. Planting along the inside of the 1.8 metre fence (as described in condition 15.1) to mitigate the visual impact of the fence.

16. Smales Farm

16.1 The requiring authorities shall consult with a liaison person appointed by Shea Investments Limited and Betty Leila Holdings Limited in respect of:

- a. The detailed landscape plan to be prepared for the Busway in the vicinity of Smales Farm, for the purpose of ensuring that the landscaping for the Busway is integrated with the landscape development of Smales Farm; and
- b. That part of the Traffic Mitigation Plan that relates to Shakespeare Road Extension and Westlake Bus Station.

17. T D Jane, L J & M F Bilton & A S & S J Church

17.1 Subject to access being granted by the landowners of the properties legally described as Lot 127, DP 56740 (CT 9C/703), Lot 128, DP 56740 (CT C/104) and Lot 129, DP 56740 (“the properties”), the Requiring Authority will implement the landscaping plan prepared by LA4 Landscape Architects for the properties (titled “Proposed Planting to Mitigate Busway” **attached**) and any amendments to the planting shown on the plan as reasonably agreed between the landowners and the Requiring Authority. Failing agreement within 12 months of completion of construction of the fence, the Requiring Authority shall implement the LA4 landscaping plan (or its equivalent in value).

17.2 The Requiring Authority shall construct a fence on the properties’ western boundaries prior to construction of the Project commencing adjacent to the landowners properties. The fence shall have the following specifications:

- a. To be located along the properties’ western legal boundaries at 2 metres above ground level (as at 16 May 2003) at 7 and 10 Altona Road, and at 2 metres and rising to 2.5 metres above ground level at the northern end at 9 Altona road, for the full length of the boundaries of those properties;
- b. To be constructed of exterior grade (marine) plywood having a thickness of 17.5 mm or more;
- c. Plywood panels to be bolted to a framework so as to ensure no gaps or cracks and to meet the surface of the ground at their lower edge;
- d. Fence posts and framework to be specified by engineering design;
- e. Transit shall construct gates in the fence if requested by the landowners of 7 and 9 Altona Road; and
- f. To be certified by an engineer as having a design life of 20 years (except that certification of the design life of the fence shall not apply to any gates requested to be constructed).

Advice note:

It is the Requiring Authority’s intention to construct the fence as part of the enabling works during 2003 or by April 2004 at the latest.

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17.3 Any construction activities exceeding the Construction Standard set out in condition 7.3 between chainage 13200 to 13000 shown on the designation plan “Harbour Bridge to Constellation Drive Designation Plans Westlake Boys High School, Drawing No. 7716C609” (the affected area”) shall be undertaken between the hours of 8.00am – 6.00pm on weekdays only and shall exclude the two weeks following Christmas Eve. For the avoidance of any doubt, condition 7.5 relating to works exceeding the Construction Standard continues to apply to the landowners as affected parties.

17.4 The Requiring Authority shall undertake earthworks in the affected area in one stage.

17.5 The Requiring Authority shall consult with the landowners on the mitigation plans referred to in the conditions 5, 6, 7, 8, 9, 10 and 11 on the designation insofar as the mitigation plans affect the landowners’ properties

18. Bateman Property

Stormwater

18.1 As part of the busway construction works, Transit and NSCC shall provide the following measures to address stormwater effects:

- a. Transit shall pipe the existing drain from chainage 15100 down to 14960 (see Figs 1a – 1c, **attached**);
- b. Transit and NSCC shall widen by 4m the motorway side of the existing drain located on the eastern side of the motorway, from the level of the top of the present vertical concrete wall, from chainage 14960m to Sunnynook Road Culvert (as shown on the **attached** Figs 1a – 1c), such widening shall be at a grade as flat as possible from the existing concrete wall, consistent with efficient fall;
- c. NSCC shall use its best endeavours to reduce the volume of debris caught on the central wall of the Sunnynook Road Culvert by reshaping the leading edge of the central wall;
- e. Transit and NSCC shall undertake the following measures to avoid slope instability and scour:
 - i. Provide a batter toe restraint retaining wall to buttress the lower position of the batter;
 - ii. Construct a gabion wall or timber pole wall to support the toe restraint retaining wall; and
 - iii. To undertake grass seedling over the four metre widening of the berm.

Advice Note:

It is recorded that Mr Bateman has agreed to provide access to Transit and NSCC or their contractors to enable them to undertake any drainage improvement works required within or adjacent to the Bateman family property.

Noise

18.2 Transit shall construct a concrete 0.8 metre high barrier between the Busway and the property in compliance with the letter from Marshall Day Acoustics Limited dated 18 December 2002 (**attached** as Appendix 1). The detailed design of this barrier is to be finalized as part of the busway detailed design.

18.3 Transit shall construct a 0.8 metre high solid concrete New Jersey Barrier on top of the retaining wall between the motorway and the busway as also described in Appendix 1; the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.4 Transit shall construct a 1.8 metre high barrier at the rear of the Sunnynook Station between the proposed bus shelter and the end of the platform to mitigate any reflection of noise from the northbound bus shelter, the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.5 Transit agrees that any retaining wall to be constructed for the purposes of the Sunnynook Station shall be constructed from non-reflective materials to mitigate any potential noise effects.

Landscaping

18.6 Transit shall undertake screen planting, consisting of native trees, shrubs and ground cover between Sunnynook Station, the busway and the property, as shown on the **attached** plan (titled “North Shore Busway

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Project: Amended Landscape Development for Sunnynook Bus Station, Figure 2”) to provide effective screening. The planting, including the planting shown on the embankment between the busway and the motorway, will be undertaken as soon as practicable following the construction works and within the first planting season to provide effective screening.

18.7 The landscaping and planting provided for under clause 18.6 shall be planted at Pb28 grade so that the plants are approximately 1.5 metres high when planted.

18.8 All planting shall be tended and maintained to ensure the full establishment and effectiveness of the landscaping including replacement planting where necessary.

Attachments

No attachments.

Attachments

No attachments.

1426 Westlake Station

Designation Number	1426
Requiring Authority	Auckland Transport
Location	Shakespeare Road (adjoins 78 Taharoto Road), Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 175, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Westlake Station - for the construction, operation and maintenance of roads, buildings, facilities and amenities (including any ancillary structures, works, or activities) for the purpose of providing a rapid transit facility for buses and high occupancy vehicles.

Conditions

The conditions below apply:

1. General Conditions
2. Duration Of Designation
3. PMP and Outline Plans
4. Archaeological Mitigation Conditions (other than 4.3 and 4.4)
5. Ecological Mitigation Conditions (other than 5.5, 5.6 and 5.7)
6. Landscape Mitigation Conditions
7. Noise Mitigation Conditions
8. Geotechnical Mitigation Conditions
9. Vibration Mitigation Conditions
10. Traffic Mitigation Conditions except that:
 - Condition 10.2 shall not apply
 - Condition 10.1(ii) applies only to Notice 8 – Westlake

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- Condition 10.1(iv) applies only to Notices 8 and 9 – Westlake and Sunnynook
- Condition 10.1(v) applies only to Notice 8 – Westlake
- Condition 10.3 applies only to Notice 8 – Westlake

11. Construction Management Conditions

14. Westlake Girls High School applies only to Notice 8 – Westlake

18. Bateman: Stormwater Conditions applies only to Notice 9 – Sunnynook (other than Condition 18.1(i)).

1. General Conditions

1.1 The scope and extent of the works envisaged within the designation shall be generally in accordance with the Notices of Requirement, the plans contained in “Volume 3 – A3 Plans” forming part of the documentation supporting the Notice of Requirement, and the relevant detailed plans in the Technical Reports in Volume 5, subject to the final design and the conditions set out below.

1.2 Prior to any works being commenced in particular location(s) of work, the Requiring Authority shall obtain all requisite resource consents for the location(s) affected under the Resource Management Act 1991.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

1.4 At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation in the area affected. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which vehicular access is prevented.

1.5 A permanent liaison position from within the joint Project Governance Team of NSCC and the Requiring Authority will be appointed for the duration of the project. This person is to be available for ongoing consultation on all matters of concern to affected persons.

1.6 All contract documentation for physical works shall include reference to the designation conditions, any other resource consents (including conditions) and any approved mitigation or outline plan(s) held for the project.

1.7 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment in individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is the later.

2. Duration of the Designation

2.1 In accordance with Section 184(1)(c) and Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of ten years, except for NOR 8 which will lapse on the expiry of five years, after the date on which it is included in the District Plan unless:

2.2 It is given effect to before the end of that period; or

2.3 The territorial authority determines, on an application made not later than three months before the expiry of that period; that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

3. Project Management Plans (PMP) and Outline Plans

3.1 The requiring authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 5, 6, 7, 8, 9, 10 and 11. 3.2.

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No works shall be undertaken in any particular location(s) until:

- a. The PMP, or such part(s) of the PMP as are relevant to the location(s) are approved in the manner provided for in condition 3.3; and
- b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (*RMA*) in relation to the works in the location(s), are approved in the manner provided in condition 3.3. 3.3

Approvals pursuant to condition 3.2(a) shall be obtained from the General Manager of Environmental Services, North Shore City Council, and a senior regulatory officer of the NSCC who is at the time of the approval a member of the Project Governance Team for the management of the works (*the approval officers*).

Advice Note:

Where an outline plan or plans are required by section 176A RMA for works in any particular location(s) and the approval officers agree that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Council may waive the requirement for an Outline Plan.

3.4 The works shall only be undertaken in accordance with an approved PMP and outline plan (where required).

3.5 If for any reason the PMP is not approved, the outline plan procedure under s 176A shall apply. For the avoidance of any doubt, the mitigation/management plans prepared under conditions 5, 6, 7, 8, 9, 10 and 11 shall be included with any outline plan lodged for approval pursuant to s 176A.

4. Archaeological Mitigation Conditions

4.1 If construction work uncovers any archaeological remains, the Requiring Authority will immediately advise local iwi and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without prior consent of the Historic Places Trust).

4.2 That all recorded archaeological sites and other cultural heritage sites in the vicinity of the works shall be clearly marked on the construction plans.

4.3 Any significant native trees removed from Smiths bush as part of the works to construct the busway shall be offered as gifts to Te Hao o Ngati Whatua and/or Ngati Whatua o Orakei.

4.4 Preliminary earthworks in the vicinity of Onewa Road and Sylvan Ave realignment will be monitored by a suitably qualified and experienced archaeologist.

5. Ecological Mitigation Conditions

5.1 The PMP shall include an Ecological Mitigation Plan prepared by a suitably qualified and experienced ecologist who shall have regard to:

- i. The recommendations contained in the audit by Shona Myers – Natural Heritage Scientist, ARC as to planting and the implementation of mitigation measures;
- ii. The planting of appropriate plant species as identified in ARC Technical Publication 148: Riparian Zone Management: Strategy for the Auckland Region, June 2001.

5.2 The Plan shall provide for:

- i. Planting in riparian zones where consent of the landowner is obtained;
- ii. Mitigation of potential coastal effects.

5.3 Wherever practicable, any disturbance of existing vegetation shall be avoided.

5.4 Where riparian vegetation disturbance cannot be practicably avoided, the Requiring Authority shall take care

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that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as including, but is not limited to, vegetation clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

5.5 The PMP shall include a plan of the proposed works within the eastern remnant of Smiths Bush in sufficient detail to determine the impact on existing vegetation and the Requiring Authority shall undertake its best endeavours to minimise the removal of vegetation from Smiths Bush.

5.6 All works within the eastern remnant of Smiths Bush shall be supervised by a suitably qualified and experienced arboriculturist.

5.7 As a means of attempting to retain the overall ecological viability of Smiths Bush, any vegetation removed from the eastern remnant of the bush shall be replaced where practicable in accordance with a native tree planting and maintenance regime approved under condition 3.3. and following consultation with appropriate staff at the Auckland Regional Council.

6. Landscape Mitigation Conditions

6.1 The PMP shall include a Landscape Mitigation Plan prepared by a suitably qualified and experienced landscape architect who shall have regard to:

- a. The Landscape Mitigation Plan prepared by LA4 Landscape Architects and contained in the Esmonde Interchange Project: Assessment of Environmental Effects Volume 10c; and
- b. The recommendations contained in the audits by Melean Absolum and Chris Boucher.

6.2 The Landscape Mitigation Plan shall provide for:

- a. The integration of the proposed works into the surrounding landscape;
- b. Appropriate consideration of the angle and extent of batter slopes;
- c. Appropriate screening of existing land-uses along Fred Thomas Drive;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximise integration with the general form of the surrounding landscape;
- e. Ecological mitigation measures (eg revegetation) required in accordance with the Ecological Mitigation Condition;
- f. Mitigation of effects on properties in the vicinity of the busway;
- g. Noise mitigation measures (eg noise barriers) required in accordance with the Noise Mitigation Conditions and the screening of such measures with planting between barriers and the busway carriageway;
- h. Detailed designs of the acoustic barriers, retaining walls, and earth bunds in conjunction with the engineers where necessary; and
- i. The identification of existing trees and vegetation sited on the boundary of the Busway designation that ought to be retained for screening purposes.

6.3 The Landscape Mitigation Plan shall include details of:

- j. All proposed planting (including species, species size, densities, areas and locations);
- k. The planting programme;
- l. The maintenance programme. This programme shall include details of weed control, performance standards specifying allowable percentage survival rates, and replacement of any planting features;
- m. The sufficiency of the soil medium to sustain all planting proposed; and
- n. An appropriate maintenance regime.

6.4 All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter. Following completion of planting, the Requiring Authority shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

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6.5 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

6.6 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

7. Noise Mitigation Conditions

7.1 The project shall, as a minimum standard, be designed and constructed to comply with the limits within the Transit NZ Guidelines for the Management of Traffic Noise for State Highway Improvements and with the acoustic report 'North Shore Busway Project, SH1 busway, Report No 97245B' by Marshall Day Acoustic Limited.

7.2 The PMP shall include a Noise Mitigation Plan prepared by a suitably qualified noise consultant. The purpose of the plan is to describe the methods by which noise associated with traffic using the roading and the bus stations within the designation will be made to comply with specified noise limits at all affected dwellings and schools in the vicinity of the area affected. Where the ambient sound level is required to determine design limits then this shall be done prior to construction commencing.

7.3 The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

7.4 The PMP shall include a Construction Noise Management Plan. The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 7.3 above. In particular, the Construction Noise Management Plan shall identify:

- a. The location of permanent acoustic fences to be installed prior to the commencement of the main construction works;
- b. Methods of managing noise;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency;
- e. Contingency measures in the event of any incidence of non-compliance; and
- f. Procedures for handling noise complaints.

7.5 Where the requirements of condition 7.4 are unable to be met, the alternative strategies that have been developed following consultation with affected landowners will be implemented. Such alternatives may include, but not be limited to, temporary relocation of occupiers, compensation for occupiers and purchase of the affected properties.

7.6 Construction works shall at all times be undertaken in accordance with the Construction Noise Management Plan.

7.7 Where practicable, acoustic barriers required to meet Transit Noise Guidelines in particular locations, shall be erected prior to commencement of the construction works in those locations.

7.8 Where temporary acoustic barriers are proposed in the Marshall Day Report, and where their retention would result in effective traffic noise reduction for residents or educational facilities, they shall be built to a standard such that the barriers will be able to remain permanently in place at heights approved under condition 3.3, taking into consideration traffic noise reduction visual and landscaping factors and consultation with adjoining property owners.

7.9 Unless:

- a. Otherwise agreed between Ministry of Education (MOE) and the requiring authority; or
- b. MOE agrees to compensation with the Requiring Authority for the noise effects from the Busway and associated new works; where *additional* traffic noise resulting from the Busway or associated new works

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increases above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any classroom, then the requiring authority shall, immediately following commissioning of the Busway, implement mitigation measures which result in the noise level not *exceeding* 45 dBA Leq, or the ambient noise level *existing* prior to the establishment of the Busway, whichever is the higher. This noise level shall be achieved together with the ventilation requirements of The New Zealand Building Code, Clause C4.

8. Geotechnical Mitigation Condition

8.1 A Geotechnical Mitigation Plan shall be prepared by a suitably qualified Geotechnical Engineer in consultation with North Shore City Council. The plan shall be submitted to the North shore City Council prior to construction of any stage and shall take into account the recommendations of the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues' – November 2001.

9. Vibration Mitigation Conditions

9.1 The PMP shall include a Vibration Mitigation Plan having regard to the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001'. This Mitigation plan shall include details of how the works will comply with the requirement of German Standards DIN4150 "Structural Vibration in Buildings – Effects on Structures" during construction and shall take into account the recommendations.

9.2 A dilapidation survey of 'at risk' buildings, as per the recommendations of the audit prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001', shall be undertaken prior to during and after completion of the construction works, provided the consent of any landowner and/or occupier can be obtained.

10 . Traffic Mitigation Conditions

10.1 The PMP shall include a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall include:

- a. Methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods of helping to accommodate the bus transport needs of pupils of Westlake Girls' High School through the development and operation of Westlake Station and the busway system, in the light of consultation with the School;
- c. Methods of limiting the use of the busway to emergency vehicles and no more than 350HOVs (excluding buses) per hour north of Esmonde Road, including a restriction on the access of HOVs through Constellation Drive Station to no more than 350HOVs;
- d. Details of a monitoring programme to be undertaken detailing the demand for car parking in the vicinity of the Sunnynook Station and Westlake Station prior to the opening of the Station and at regular intervals (a minimum of 2 per annum) for a minimum period of five years following the opening of the Station to the public and measures to manage any such demand. (This condition shall only apply to Notices of Requirement 8 and 9); and
- e. Details of pedestrian access to be provided within the Westlake Bus Station and along Shakespeare Road Extension. (This condition shall apply only to Notice of Requirement 8).

10.2 In order to prevent potentially significant traffic disruption during and after construction, the existing Onewa Interchange shall continue to be fully operational (that is in the manner in which it currently operates) until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

10.3 The public use of the Westlake Station shall not be allowed until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

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11. Construction Management Conditions

11.1 The PMP shall include a Construction Management Plan which shall refer to all conditions imposed on any relevant resource consents granted by the Auckland Regional Council.

11.2 The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Management Plan shall identify amongst other things:

- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt;
- d. The means by which loss of vehicle access to be (sic) properties will minimise inconvenience to each property owner affected following consultation with affected property owners;
- e. Methods of ensuring pedestrian safety along public footpaths and particularly where works are proposed in close proximity to any school;
- f. Procedures for handling any dust and ground vibration complaints; and

In respect of Takapuna Normal Intermediate School the Management Plan shall include measures to address the following, in consultation with the School:

- i. Preventing students from gaining access to the construction site via the parking area off Northcote road or Smiths bush by the erection of such gates or fencing as may be agreed to by the School and the Requiring Authority;
- ii. Control of construction traffic moving between the construction site and Northcote Road so as to encourage the safe movement of students along Northcote Road; and
- iii. Minimising any adverse effects of construction on the playing field, in particular, dust nuisance.

11.3 The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept at all site offices.

11.4 The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

11.5 The Requiring Authority shall advise neighbouring owners and occupiers in the vicinity of the affected area of the date on which construction is to start, the expected duration of the work, and the telephone number of Site Liaison Officer who is able to respond to queries.

11.6 The location and extent of each stage of the site works will be identified and the North Shore City Council advised of the construction timetable.

11.7 The earthworks contractor shall be required to maintain the stability of the land and property at the boundary of the site by the best practicable method and to monitor that such works are and remain effective.

11.8 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the Requiring Authority's expense.

11.9 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. It is the Requiring Authority's responsibility to remedy any damages

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to the public drains that may occur during construction.

11.10 Protected vegetation areas and trees identified in the Landscape Mitigation Plan are to be retained and protected. Other sensitive areas of the site are to be identified and marked for protection prior to the commencement of works.

11.11 Spoil from earthworks, surplus to site requirements, shall be disposed of at an approved landfill site.

12. Exmouth Road Pedestrian Overbridge

12.1 The Requiring Authority will use its best endeavours to obtain all necessary resource consents to allow reinstatement of the existing Exmouth Road pedestrian overbridge in the same or a similar location but extended to provide access across the bus lane to the foreshore. If such consents are granted the Requiring Authority shall reinstate the overbridge prior to the consents lapsing.

13. Westlake Boys High School

13.1 The School accessway, adjoining the western boundaries of the Altona road properties and connecting the northern and southern playing fields, shall be constructed with a minimum width of 4m and designed so that service vehicles and pedestrians can obtain safe and convenient access.

13.2 The western embankment adjoining the southern playing fields of the School shall be planted with *Alnus incana* and *Alnus rubra* at a size and spacing to be detailed within the Landscape Mitigation Plan.

13.3 The Requiring Authority shall use its best endeavours to undertake construction of the works in the area adjoining the northern playing fields during the School Summer holidays (approximately 10 December – 31 January the following year).

14. Westlake Girls High School

14.1 The Requiring Authority shall use its best endeavours to ensure that the pin oak trees along the western boundary of the School are retained.

14.2 The Requiring Authority shall use its best endeavours to undertake construction of the works along the School boundary during the School Summer holidays (approximately 10 December – 31 January the following year).

15. Takapuna Normal Intermediate School

15.1 A permanent 1.8 metre close boarded and battened wooden fence shall be erected along the western boundary of the school (as identified in the **attached** plan titled "Building Locations Takapuna Normal Intermediate School") prior to commencement of construction of the Busway.

15.2 Where the operation of the Busway results in increases in traffic noise above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any existing Takapuna Normal Intermediate School classroom with windows open (identified in the **attached** plan), then the requiring authority shall implement mitigation measures which result in the noise level not exceeding either 45 dBA Leq, or the ambient noise levels existing prior to the establishment of the Busway, whichever is higher. This noise level shall be achieved together with the ventilation requirements of the New Zealand Building Code, Clause G4 and New Zealand Standard 4303:1990 'Ventilation Requirements for acceptable indoor air quality' and in particular the requirements for educational institutions.

15.3 The Requiring Authority shall provide for:

- a. Replanting, or replacement where replanting is not practicable, of trees along the western boundary that are required to be removed for construction of the Busway; and
- b. Planting along the inside of the 1.8 metre fence (as described in condition 15.1) to mitigate the visual impact

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of the fence.

16. Smales Farm

16.1 The requiring authorities shall consult with a liaison person appointed by Shea Investments Limited and Betty Leila Holdings Limited in respect of:

- a. The detailed landscape plan to be prepared for the Busway in the vicinity of Smales Farm, for the purpose of ensuring that the landscaping for the Busway is integrated with the landscape development of Smales Farm; and
- b. That part of the Traffic Mitigation Plan that relates to Shakespeare Road Extension and Westlake Bus Station.

17. T D Jane, L J & M F Bilton & A S & S J Church

17.1 Subject to access being granted by the landowners of the properties legally described as Lot 127, DP 56740 (CT 9C/703), Lot 128, DP 56740 (CT C/104) and Lot 129, DP 56740 ("the properties"), the Requiring Authority will implement the landscaping plan prepared by LA4 Landscape Architects for the properties (titled "Proposed Planting to Mitigate Busway" **attached**) and any amendments to the planting shown on the plan as reasonably agreed between the landowners and the Requiring Authority. Failing agreement within 12 months of completion of construction of the fence, the Requiring Authority shall implement the LA4 landscaping plan (or its equivalent in value).

17.2 The Requiring Authority shall construct a fence on the properties' western boundaries prior to construction of the Project commencing adjacent to the landowners properties. The fence shall have the following specifications:

- a. To be located along the properties' western legal boundaries at 2 metres above ground level (as at 16 May 2003) at 7 and 10 Altona Road, and at 2 metres and rising to 2.5 metres above ground level at the northern end at 9 Altona road, for the full length of the boundaries of those properties;
- b. To be constructed of exterior grade (marine) plywood having a thickness of 17.5 mm or more;
- c. Plywood panels to be bolted to a framework so as to ensure no gaps or cracks and to meet the surface of the ground at their lower edge;
- d. Fence posts and framework to be specified by engineering design;
- e. Transit shall construct gates in the fence if requested by the landowners of 7 and 9 Altona Road; and
- f. To be certified by an engineer as having a design life of 20 years (except that certification of the design life of the fence shall not apply to any gates requested to be constructed).

Advice note:

It is the Requiring Authority's intention to construct the fence as part of the enabling works during 2003 or by April 2004 at the latest.

17.3 Any construction activities exceeding the Construction Standard set out in condition 7.3 between chainage 13200 to 13000 shown on the designation plan "Harbour Bridge to Constellation Drive Designation Plans Westlake Boys High School, Drawing No. 7716C609" (the affected area") shall be undertaken between the hours of 8.00am – 6.00pm on weekdays only and shall exclude the two weeks following Christmas Eve. For the avoidance of any doubt, condition 7.5 relating to works exceeding the Construction Standard continues to apply to the landowners as affected parties.

17.4 The Requiring Authority shall undertake earthworks in the affected area in one stage.

17.5 The Requiring Authority shall consult with the landowners on the mitigation plans referred to in the conditions 5, 6, 7, 8, 9, 10 and 11 on the designation insofar as the mitigation plans affect the landowners' properties

18. Bateman Property

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Stormwater

18.1 As part of the busway construction works, Transit and NSCC shall provide the following measures to address stormwater effects:

- a. Transit shall pipe the existing drain from chainage 15100 down to 14960 (see Figs 1a – 1c, **attached**);
- b. Transit and NSCC shall widen by 4m the motorway side of the existing drain located on the eastern side of the motorway, from the level of the top of the present vertical concrete wall, from chainage 14960m to Sunnynook Road Culvert (as shown on the **attached** Figs 1a – 1c), such widening shall be at a grade as flat as possible from the existing concrete wall, consistent with efficient fall;
- c. NSCC shall use its best endeavours to reduce the volume of debris caught on the central wall of the Sunnynook Road Culvert by reshaping the leading edge of the central wall;
- e. Transit and NSCC shall undertake the following measures to avoid slope instability and scour:
 - i. Provide a batter toe restraint retaining wall to buttress the lower position of the batter;
 - ii. Construct a gabion wall or timber pole wall to support the toe restraint retaining wall; and
 - iii. To undertake grass seedling over the four metre widening of the berm.

Advice Note:

It is recorded that Mr Bateman has agreed to provide access to Transit and NSCC or their contractors to enable them to undertake any drainage improvement works required within or adjacent to the Bateman family property.

Noise

18.2 Transit shall construct a concrete 0.8 metre high barrier between the Busway and the property in compliance with the letter from Marshall Day Acoustics Limited dated 18 December 2002 (**attached** as Appendix 1). The detailed design of this barrier is to be finalized as part of the busway detailed design.

18.3 Transit shall construct a 0.8 metre high solid concrete New Jersey Barrier on top of the retaining wall between the motorway and the busway as also described in Appendix 1; the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.4 Transit shall construct a 1.8 metre high barrier at the rear of the Sunnynook Station between the proposed bus shelter and the end of the platform to mitigate any reflection of noise from the northbound bus shelter, the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.5 Transit agrees that any retaining wall to be constructed for the purposes of the Sunnynook Station shall be constructed from non-reflective materials to mitigate any potential noise effects.

Landscaping

18.6 Transit shall undertake screen planting, consisting of native trees, shrubs and ground cover between Sunnynook Station, the busway and the property, as shown on the **attached** plan (titled “North Shore Busway Project: Amended Landscape Development for Sunnynook Bus Station, Figure 2”) to provide effective screening. The planting, including the planting shown on the embankment between the busway and the motorway, will be undertaken as soon as practicable following the construction works and within the first planting season to provide effective screening.

18.7 The landscaping and planting provided for under clause 18.6 shall be planted at Pb28 grade so that the plants are approximately 1.5 metres high when planted.

18.8 All planting shall be tended and maintained to ensure the full establishment and effectiveness of the landscaping including replacement planting where necessary.

Attachments

No attachments.

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1427 Sunnynook Station

Designation Number	1427
Requiring Authority	Auckland Transport
Location	168Z Sunnynook Road, Sunnynook
Rollover Designation	Yes
Legacy Reference	Designation 176, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Sunnynook Station - for the construction, operation and maintenance of roads, buildings, facilities and amenities (including any ancillary structures, works, or activities) for the purpose of providing a rapid transit facility for buses and high occupancy vehicles.

Conditions

The conditions below apply:

1. General Conditions
2. Duration Of Designation
3. PMP and Outline Plans
4. Archaeological Mitigation Conditions (other than 4.3 and 4.4)
5. Ecological Mitigation Conditions (other than 5.5, 5.6 and 5.7)
6. Landscape Mitigation Conditions
7. Noise Mitigation Conditions
8. Geotechnical Mitigation Conditions
9. Vibration Mitigation Conditions
10. Traffic Mitigation Conditions except that:
 - Condition 10.2 shall not apply
 - Condition 10.1(ii) applies only to Notice 8 – Westlake
 - Condition 10.1(iv) applies only to Notices 8 and 9 – Westlake and Sunnynook
 - Condition 10.1(v) applies only to Notice 8 – Westlake
 - Condition 10.3 applies only to Notice 8 – Westlake
11. Construction Management Conditions
14. Westlake Girls High School applies only to Notice 8 – Westlake
18. Bateman: Stormwater Conditions applies only to Notice 9 – Sunnynook (other than Condition 18.1(i)).

1. General Conditions

1.1 The scope and extent of the works envisaged within the designation shall be generally in accordance with the Notices of Requirement, the plans contained in “Volume 3 – A3 Plans” forming part of the documentation supporting the Notice of Requirement, and the relevant detailed plans in the Technical Reports in Volume 5, subject to the final design and the conditions set out below.

1.2 Prior to any works being commenced in particular location(s) of work, the Requiring Authority shall obtain all requisite resource consents for the location(s) affected under the Resource Management Act 1991.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

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1.4 At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation in the area affected. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which vehicular access is prevented.

1.5 A permanent liaison position from within the joint Project Governance Team of NSCC and the Requiring Authority will be appointed for the duration of the project. This person is to be available for ongoing consultation on all matters of concern to affected persons.

1.6 All contract documentation for physical works shall include reference to the designation conditions, any other resource consents (including conditions) and any approved mitigation or outline plan(s) held for the project.

1.7 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment in individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is the later.

2. Duration of the Designation

2.1 In accordance with Section 184(1)(c) and Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of ten years, except for NOR 8 which will lapse on the expiry of five years, after the date on which it is included in the District Plan unless:

2.2 It is given effect to before the end of that period; or

2.3 The territorial authority determines, on an application made not later than three months before the expiry of that period; that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

3. Project Management Plans (PMP) and Outline Plans

3.1 The requiring authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 5, 6, 7, 8, 9, 10 and 11. 3.2.

No works shall be undertaken in any particular location(s) until:

a. The PMP, or such part(s) of the PMP as are relevant to the location(s) are approved in the manner provided for in condition 3.3; and

b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (*RMA*) in relation to the works in the location(s), are approved in the manner provided in condition 3.3. 3.3

Approvals pursuant to condition 3.2(a) shall be obtained from the General Manager of Environmental Services, North Shore City Council, and a senior regulatory officer of the NSCC who is at the time of the approval a member of the Project Governance Team for the management of the works (*the approval officers*).

Advice Note:

Where an outline plan or plans are required by section 176A RMA for works in any particular location(s) and the approval officers agree that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Council may waive the requirement for an Outline Plan.

3.4 The works shall only be undertaken in accordance with an approved PMP and outline plan (where required).

3.5 If for any reason the PMP is not approved, the outline plan procedure under s 176A shall apply. For the

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avoidance of any doubt, the mitigation/management plans prepared under conditions 5, 6, 7, 8, 9, 10 and 11 shall be included with any outline plan lodged for approval pursuant to s 176A.

4. Archaeological Mitigation Conditions

4.1 If construction work uncovers any archaeological remains, the Requiring Authority will immediately advise local iwi and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without prior consent of the Historic Places Trust).

4.2 That all recorded archaeological sites and other cultural heritage sites in the vicinity of the works shall be clearly marked on the construction plans.

4.3 Any significant native trees removed from Smiths bush as part of the works to construct the busway shall be offered as gifts to Te Hao o Ngati Whatua and/or Ngati Whatua o Orakei.

4.4 Preliminary earthworks in the vicinity of Onewa Road and Sylvan Ave realignment will be monitored by a suitably qualified and experienced archaeologist.

5. Ecological Mitigation Conditions

5.1 The PMP shall include an Ecological Mitigation Plan prepared by a suitably qualified and experienced ecologist who shall have regard to:

- i. The recommendations contained in the audit by Shona Myers – Natural Heritage Scientist, ARC as to planting and the implementation of mitigation measures;
- ii. The planting of appropriate plant species as identified in ARC Technical Publication 148: Riparian Zone Management: Strategy for the Auckland Region, June 2001.

5.2 The Plan shall provide for:

- i. Planting in riparian zones where consent of the landowner is obtained;
- ii. Mitigation of potential coastal effects.

5.3 Wherever practicable, any disturbance of existing vegetation shall be avoided.

5.4 Where riparian vegetation disturbance cannot be practicably avoided, the Requiring Authority shall take care that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as including, but is not limited to, vegetation clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

5.5 The PMP shall include a plan of the proposed works within the eastern remnant of Smiths Bush in sufficient detail to determine the impact on existing vegetation and the Requiring Authority shall undertake its best endeavours to minimise the removal of vegetation from Smiths Bush.

5.6 All works within the eastern remnant of Smiths Bush shall be supervised by a suitably qualified and experienced arboriculturist.

5.7 As a means of attempting to retain the overall ecological viability of Smiths Bush, any vegetation removed from the eastern remnant of the bush shall be replaced where practicable in accordance with a native tree planting and maintenance regime approved under condition 3.3. and following consultation with appropriate staff at the Auckland Regional Council.

6. Landscape Mitigation Conditions

6.1 The PMP shall include a Landscape Mitigation Plan prepared by a suitably qualified and experienced

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landscape architect who shall have regard to:

- a. The Landscape Mitigation Plan prepared by LA4 Landscape Architects and contained in the Esmonde Interchange Project: Assessment of Environmental Effects Volume 10c; and
- b. The recommendations contained in the audits by Melean Absolum and Chris Boucher.

6.2 The Landscape Mitigation Plan shall provide for:

- a. The integration of the proposed works into the surrounding landscape;
- b. Appropriate consideration of the angle and extent of batter slopes;
- c. Appropriate screening of existing land-uses along Fred Thomas Drive;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximise integration with the general form of the surrounding landscape;
- e. Ecological mitigation measures (eg revegetation) required in accordance with the Ecological Mitigation Condition;
- f. Mitigation of effects on properties in the vicinity of the busway;
- g. Noise mitigation measures (eg noise barriers) required in accordance with the Noise Mitigation Conditions and the screening of such measures with planting between barriers and the busway carriageway;
- h. Detailed designs of the acoustic barriers, retaining walls, and earth bunds in conjunction with the engineers where necessary; and
- i. The identification of existing trees and vegetation sited on the boundary of the Busway designation that ought to be retained for screening purposes.

6.3 The Landscape Mitigation Plan shall include details of:

- j. All proposed planting (including species, species size, densities, areas and locations);
- k. The planting programme;
- l. The maintenance programme. This programme shall include details of weed control, performance standards specifying allowable percentage survival rates, and replacement of any planting features;
- m. The sufficiency of the soil medium to sustain all planting proposed; and
- n. An appropriate maintenance regime.

6.4 All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter. Following completion of planting, the Requiring Authority shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

6.5 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

6.6 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

7. Noise Mitigation Conditions

7.1 The project shall, as a minimum standard, be designed and constructed to comply with the limits within the Transit NZ Guidelines for the Management of Traffic Noise for State Highway Improvements and with the acoustic report 'North Shore Busway Project, SH1 busway, Report No 97245B' by Marshall Day Acoustic Limited.

7.2 The PMP shall include a Noise Mitigation Plan prepared by a suitably qualified noise consultant. The purpose of the plan is to describe the methods by which noise associated with traffic using the roading and the bus stations within the designation will be made to comply with specified noise limits at all affected dwellings and schools in the vicinity of the area affected. Where the ambient sound level is required to determine design limits then this shall be done prior to construction commencing.

7.3 The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS

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6803P:1984 “The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work”.

7.4 The PMP shall include a Construction Noise Management Plan. The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 7.3 above. In particular, the Construction Noise Management Plan shall identify:

- a. The location of permanent acoustic fences to be installed prior to the commencement of the main construction works;
- b. Methods of managing noise;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency;
- e. Contingency measures in the event of any incidence of non-compliance; and
- f. Procedures for handling noise complaints.

7.5 Where the requirements of condition 7.4 are unable to be met, the alternative strategies that have been developed following consultation with affected landowners will be implemented. Such alternatives may include, but not be limited to, temporary relocation of occupiers, compensation for occupiers and purchase of the affected properties.

7.6 Construction works shall at all times be undertaken in accordance with the Construction Noise Management Plan.

7.7 Where practicable, acoustic barriers required to meet Transit Noise Guidelines in particular locations, shall be erected prior to commencement of the construction works in those locations.

7.8 Where temporary acoustic barriers are proposed in the Marshall Day Report, and where their retention would result in effective traffic noise reduction for residents or educational facilities, they shall be built to a standard such that the barriers will be able to remain permanently in place at heights approved under condition 3.3, taking into consideration traffic noise reduction visual and landscaping factors and consultation with adjoining property owners.

7.9 Unless:

- a. Otherwise agreed between Ministry of Education (MOE) and the requiring authority; or
- b. MOE agrees to compensation with the Requiring Authority for the noise effects from the Busway and associated new works; where *additional* traffic noise resulting from the Busway or associated new works increases above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any classroom, then the requiring authority shall, immediately following commissioning of the Busway, implement mitigation measures which result in the noise level not *exceeding* 45 dBA Leq, or the ambient noise level *existing* prior to the establishment of the Busway, whichever is the higher. This noise level shall be achieved together with the ventilation requirements of The New Zealand Building Code, Clause C4.

8. Geotechnical Mitigation Condition

8.1 A Geotechnical Mitigation Plan shall be prepared by a suitably qualified Geotechnical Engineer in consultation with North Shore City Council. The plan shall be submitted to the North shore City Council prior to construction of any stage and shall take into account the recommendations of the report prepared by Riley Consultants entitled ‘Technical Review of Geotechnical and Civil Engineering Issues’ – November 2001.

9. Vibration Mitigation Conditions

9.1 The PMP shall include a Vibration Mitigation Plan having regard to the report prepared by Riley Consultants entitled ‘Technical Review of Geotechnical and Civil Engineering Issues – November 2001’. This Mitigation plan shall include details of how the works will comply with the requirement of German Standards DIN4150 “Structural Vibration in Buildings – Effects on Structures” during construction and shall take into account the recommendations.

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9.2 A dilapidation survey of 'at risk' buildings, as per the recommendations of the audit prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001', shall be undertaken prior to during and after completion of the construction works, provided the consent of any landowner and/or occupier can be obtained.

10 . Traffic Mitigation Conditions

10.1 The PMP shall include a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall include:

- a. Methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods of helping to accommodate the bus transport needs of pupils of Westlake Girls' High School through the development and operation of Westlake Station and the busway system, in the light of consultation with the School;
- c. Methods of limiting the use of the busway to emergency vehicles and no more than 350HOVs (excluding buses) per hour north of Esmonde Road, including a restriction on the access of HOVs through Constellation Drive Station to no more than 350HOVs;
- d. Details of a monitoring programme to be undertaken detailing the demand for car parking in the vicinity of the Sunnynook Station and Westlake Station prior to the opening of the Station and at regular intervals (a minimum of 2 per annum) for a minimum period of five years following the opening of the Station to the public and measures to manage any such demand. (This condition shall only apply to Notices of Requirement 8 and 9); and
- e. Details of pedestrian access to be provided within the Westlake Bus Station and along Shakespeare Road Extension. (This condition shall apply only to Notice of Requirement 8).

10.2 In order to prevent potentially significant traffic disruption during and after construction, the existing Onewa Interchange shall continue to be fully operational (that is in the manner in which it currently operates) until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

10.3 The public use of the Westlake Station shall not be allowed until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

11. Construction Management Conditions

11.1 The PMP shall include a Construction Management Plan which shall refer to all conditions imposed on any relevant resource consents granted by the Auckland Regional Council.

11.2 The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Management Plan shall identify amongst other things:

- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt;
- d. The means by which loss of vehicle access to be (sic) properties will minimise inconvenience to each property owner affected following consultation with affected property owners;
- e. Methods of ensuring pedestrian safety along public footpaths and particularly where works are proposed in close proximity to any school;
- f. Procedures for handling any dust and ground vibration complaints; and

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In respect of Takapuna Normal Intermediate School the Management Plan shall include measures to address the following, in consultation with the School:

- i. Preventing students from gaining access to the construction site via the parking area off Northcote road or Smiths bush by the erection of such gates or fencing as may be agreed to by the School and the Requiring Authority;
- ii. Control of construction traffic moving between the construction site and Northcote Road so as to encourage the safe movement of students along Northcote Road; and
- iii. Minimising any adverse effects of construction on the playing field, in particular, dust nuisance.

11.3 The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept at all site offices.

11.4 The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

11.5 The Requiring Authority shall advise neighbouring owners and occupiers in the vicinity of the affected area of the date on which construction is to start, the expected duration of the work, and the telephone number of Site Liaison Officer who is able to respond to queries.

11.6 The location and extent of each stage of the site works will be identified and the North Shore City Council advised of the construction timetable.

11.7 The earthworks contractor shall be required to maintain the stability of the land and property at the boundary of the site by the best practicable method and to monitor that such works are and remain effective.

11.8 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the Requiring Authority's expense.

11.9 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. It is the Requiring Authority's responsibility to remedy any damages to the public drains that may occur during construction.

11.10 Protected vegetation areas and trees identified in the Landscape Mitigation Plan are to be retained and protected. Other sensitive areas of the site are to be identified and marked for protection prior to the commencement of works.

11.11 Spoil from earthworks, surplus to site requirements, shall be disposed of at an approved landfill site.

12. Exmouth Road Pedestrian Overbridge

12.1 The Requiring Authority will use its best endeavours to obtain all necessary resource consents to allow reinstatement of the existing Exmouth Road pedestrian overbridge in the same or a similar location but extended to provide access across the bus lane to the foreshore. If such consents are granted the Requiring Authority shall reinstate the overbridge prior to the consents lapsing.

13. Westlake Boys High School

13.1 The School accessway, adjoining the western boundaries of the Altona road properties and connecting the northern and southern playing fields, shall be constructed with a minimum width of 4m and designed so that service vehicles and pedestrians can obtain safe and convenient access.

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13.2 The western embankment adjoining the southern playing fields of the School shall be planted with *Alnus incana* and *Alnus rubra* at a size and spacing to be detailed within the Landscape Mitigation Plan.

13.3 The Requiring Authority shall use its best endeavours to undertake construction of the works in the area adjoining the northern playing fields during the School Summer holidays (approximately 10 December – 31 January the following year).

14. Westlake Girls High School

14.1 The Requiring Authority shall use its best endeavours to ensure that the pin oak trees along the western boundary of the School are retained.

14.2 The Requiring Authority shall use its best endeavours to undertake construction of the works along the School boundary during the School Summer holidays (approximately 10 December – 31 January the following year).

15. Takapuna Normal Intermediate School

15.1 A permanent 1.8 metre close boarded and battened wooden fence shall be erected along the western boundary of the school (as identified in the **attached** plan titled “Building Locations Takapuna Normal Intermediate School”) prior to commencement of construction of the Busway.

15.2 Where the operation of the Busway results in increases in traffic noise above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any existing Takapuna Normal Intermediate School classroom with windows open (identified in the **attached** plan), then the requiring authority shall implement mitigation measures which result in the noise level not exceeding either 45 dBA Leq, or the ambient noise levels existing prior to the establishment of the Busway, whichever is higher. This noise level shall be achieved together with the ventilation requirements of the New Zealand Building Code, Clause G4 and New Zealand Standard 4303:1990 ‘Ventilation Requirements for acceptable indoor air quality’ and in particular the requirements for educational institutions.

15.3 The Requiring Authority shall provide for:

- a. Replanting, or replacement where replanting is not practicable, of trees along the western boundary that are required to be removed for construction of the Busway; and
- b. Planting along the inside of the 1.8 metre fence (as described in condition 15.1) to mitigate the visual impact of the fence.

16. Smales Farm

16.1 The requiring authorities shall consult with a liaison person appointed by Shea Investments Limited and Betty Leila Holdings Limited in respect of:

- a. The detailed landscape plan to be prepared for the Busway in the vicinity of Smales Farm, for the purpose of ensuring that the landscaping for the Busway is integrated with the landscape development of Smales Farm; and
- b. That part of the Traffic Mitigation Plan that relates to Shakespeare Road Extension and Westlake Bus Station.

17. T D Jane, L J & M F Bilton & A S & S J Church

17.1 Subject to access being granted by the landowners of the properties legally described as Lot 127, DP 56740 (CT 9C/703), Lot 128, DP 56740 (CT C/104) and Lot 129, DP 56740 (“the properties”), the Requiring Authority will implement the landscaping plan prepared by LA4 Landscape Architects for the properties (titled “Proposed Planting to Mitigate Busway” **attached**) and any amendments to the planting shown on the plan as reasonably agreed between the landowners and the Requiring Authority. Failing agreement within 12 months of completion of construction of the fence, the Requiring Authority shall implement the LA4 landscaping plan (or its equivalent in value).

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17.2 The Requiring Authority shall construct a fence on the properties' western boundaries prior to construction of the Project commencing adjacent to the landowners properties. The fence shall have the following specifications:

- a. To be located along the properties' western legal boundaries at 2 metres above ground level (as at 16 May 2003) at 7 and 10 Altona Road, and at 2 metres and rising to 2.5 metres above ground level at the northern end at 9 Altona road, for the full length of the boundaries of those properties;
- b. To be constructed of exterior grade (marine) plywood having a thickness of 17.5 mm or more;
- c. Plywood panels to be bolted to a framework so as to ensure no gaps or cracks and to meet the surface of the ground at their lower edge;
- d. Fence posts and framework to be specified by engineering design;
- e. Transit shall construct gates in the fence if requested by the landowners of 7 and 9 Altona Road; and
- f. To be certified by an engineer as having a design life of 20 years (except that certification of the design life of the fence shall not apply to any gates requested to be constructed).

Advice note:

It is the Requiring Authority's intention to construct the fence as part of the enabling works during 2003 or by April 2004 at the latest.

17.3 Any construction activities exceeding the Construction Standard set out in condition 7.3 between chainage 13200 to 13000 shown on the designation plan "Harbour Bridge to Constellation Drive Designation Plans Westlake Boys High School, Drawing No. 7716C609" (the affected area") shall be undertaken between the hours of 8.00am – 6.00pm on weekdays only and shall exclude the two weeks following Christmas Eve. For the avoidance of any doubt, condition 7.5 relating to works exceeding the Construction Standard continues to apply to the landowners as affected parties.

17.4 The Requiring Authority shall undertake earthworks in the affected area in one stage.

17.5 The Requiring Authority shall consult with the landowners on the mitigation plans referred to in the conditions 5, 6, 7, 8, 9, 10 and 11 on the designation insofar as the mitigation plans affect the landowners' properties

18. Bateman Property

Stormwater

18.1 As part of the busway construction works, Transit and NSCC shall provide the following measures to address stormwater effects:

- a. Transit shall pipe the existing drain from chainage 15100 down to 14960 (see Figs 1a – 1c, **attached**);
- b. Transit and NSCC shall widen by 4m the motorway side of the existing drain located on the eastern side of the motorway, from the level of the top of the present vertical concrete wall, from chainage 14960m to Sunnynook Road Culvert (as shown on the **attached** Figs 1a – 1c), such widening shall be at a grade as flat as possible from the existing concrete wall, consistent with efficient fall;
- c. NSCC shall use its best endeavours to reduce the volume of debris caught on the central wall of the Sunnynook Road Culvert by reshaping the leading edge of the central wall;
- e. Transit and NSCC shall undertake the following measures to avoid slope instability and scour:
 - i. Provide a batter toe restraint retaining wall to buttress the lower position of the batter;
 - ii. Construct a gabion wall or timber pole wall to support the toe restraint retaining wall; and
 - iii. To undertake grass seedling over the four metre widening of the berm.

Advice Note:

It is recorded that Mr Bateman has agreed to provide access to Transit and NSCC or their contractors to enable them to undertake any drainage improvement works required within or adjacent to the Bateman family property.

Noise

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18.2 Transit shall construct a concrete 0.8 metre high barrier between the Busway and the property in compliance with the letter from Marshall Day Acoustics Limited dated 18 December 2002 (**attached** as Appendix 1). The detailed design of this barrier is to be finalized as part of the busway detailed design.

18.3 Transit shall construct a 0.8 metre high solid concrete New Jersey Barrier on top of the retaining wall between the motorway and the busway as also described in Appendix 1; the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.4 Transit shall construct a 1.8 metre high barrier at the rear of the Sunnynook Station between the proposed bus shelter and the end of the platform to mitigate any reflection of noise from the northbound bus shelter, the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.5 Transit agrees that any retaining wall to be constructed for the purposes of the Sunnynook Station shall be constructed from non-reflective materials to mitigate any potential noise effects.

Landscaping

18.6 Transit shall undertake screen planting, consisting of native trees, shrubs and ground cover between Sunnynook Station, the busway and the property, as shown on the **attached** plan (titled “North Shore Busway Project: Amended Landscape Development for Sunnynook Bus Station, Figure 2”) to provide effective screening. The planting, including the planting shown on the embankment between the busway and the motorway, will be undertaken as soon as practicable following the construction works and within the first planting season to provide effective screening.

18.7 The landscaping and planting provided for under clause 18.6 shall be planted at Pb28 grade so that the plants are approximately 1.5 metres high when planted.

18.8 All planting shall be tended and maintained to ensure the full establishment and effectiveness of the landscaping including replacement planting where necessary.

Attachments

No attachments.

1428 Constellation Drive Station

Designation Number	1428
Requiring Authority	Auckland Transport
Location	62 Parkway Drive, Rosedale
Rollover Designation	Yes
Legacy Reference	Designation 177, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Constellation Drive Station - for the construction, operation and maintenance of roads, buildings, facilities and amenities and park and ride facilities (including a Busway control room and any ancillary structures, works and activities) for the purpose of providing a rapid transit facility for buses and high occupancy vehicles.

Conditions

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The conditions below apply:

1. General Conditions (with appropriate amendments to refer to the separate assessments undertaken which specifically relate to the Constellation Drive Station).

1.10 A formal review of the adequacy of parking provision at the Station shall be carried out within twelve months of commencement operations at the Station and within a period of six months from any date if requested by the North Shore City Council. The review shall include preparation of a report by a suitably qualified and experienced traffic engineer analysing the on site car parking demand and supply situation based on surveys within and around the busway Station site and identifying any adverse effects and possible mitigation methods, which may form the basis for any further or amended conditions relating to car parking and parking management.

1.11 The Sunset Road access is to be limited to use by authorised busway users only, with appropriate signage being raised to this effect.

2. Duration Of Designation
3. PMP and Outline Plan
4. Archaeological Mitigation Conditions (other than 4.3 and 4.4)
5. Ecological Mitigation Conditions (other than 5.5, 5.6 and 5.7)
6. Landscape Mitigation Conditions
7. Noise Mitigation Conditions (other than 7.8)
8. Geotechnical Mitigation Conditions
9. Vibration Mitigation Conditions
10. Traffic Mitigation Conditions (other than 10.1(ii), (iv) and (v), 10.2 and 10.3)
11. Construction Management Conditions

1. General Conditions

1.1 The scope and extent of the works envisaged within the designation shall be generally in accordance with the Notices of Requirement, the plans contained in "Volume 3 – A3 Plans" forming part of the documentation supporting the Notice of Requirement, and the relevant detailed plans in the Technical Reports in Volume 5, subject to the final design and the conditions set out below.

1.2 Prior to any works being commenced in particular location(s) of work, the Requiring Authority shall obtain all requisite resource consents for the location(s) affected under the Resource Management Act 1991.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

1.4 At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation in the area affected. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which vehicular access is prevented.

1.5 A permanent liaison position from within the joint Project Governance Team of NSCC and the Requiring Authority will be appointed for the duration of the project. This person is to be available for ongoing consultation on all matters of concern to affected persons.

1.6 All contract documentation for physical works shall include reference to the designation conditions, any other resource consents (including conditions) and any approved mitigation or outline plan(s) held for the project.

1.7 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment in individually affected properties once the designation has been confirmed or all appeals have been determined,

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whichever is the later.

2. Duration of the Designation

2.1 In accordance with Section 184(1)(c) and Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of ten years, except for NOR 8 which will lapse on the expiry of five years, after the date on which it is included in the District Plan unless:

2.2 It is given effect to before the end of that period; or

2.3 The territorial authority determines, on an application made not later than three months before the expiry of that period; that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

3. Project Management Plans (PMP) and Outline Plans

3.1 The requiring authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 5, 6, 7, 8, 9, 10 and 11. 3.2.

No works shall be undertaken in any particular location(s) until:

- a. The PMP, or such part(s) of the PMP as are relevant to the location(s) are approved in the manner provided for in condition 3.3; and
- b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (*RMA*) in relation to the works in the location(s), are approved in the manner provided in condition 3.3. 3.3

Approvals pursuant to condition 3.2(a) shall be obtained from the General Manager of Environmental Services, North Shore City Council, and a senior regulatory officer of the NSCC who is at the time of the approval a member of the Project Governance Team for the management of the works (*the approval officers*).

Advice Note:

Where an outline plan or plans are required by section 176A RMA for works in any particular location(s) and the approval officers agree that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Council may waive the requirement for an Outline Plan.

3.4 The works shall only be undertaken in accordance with an approved PMP and outline plan (where required).

3.5 If for any reason the PMP is not approved, the outline plan procedure under s 176A shall apply. For the avoidance of any doubt, the mitigation/management plans prepared under conditions 5, 6, 7, 8, 9, 10 and 11 shall be included with any outline plan lodged for approval pursuant to s 176A.

4. Archaeological Mitigation Conditions

4.1 If construction work uncovers any archaeological remains, the Requiring Authority will immediately advise local iwi and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without prior consent of the Historic Places Trust).

4.2 That all recorded archaeological sites and other cultural heritage sites in the vicinity of the works shall be clearly marked on the construction plans.

4.3 Any significant native trees removed from Smiths bush as part of the works to construct the busway shall be offered as gifts to Te Hao o Ngati Whatua and/or Ngati Whatua o Orakei.

4.4 Preliminary earthworks in the vicinity of Onewa Road and Sylvan Ave realignment will be monitored by a

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suitably qualified and experienced archaeologist.

5. Ecological Mitigation Conditions

5.1 The PMP shall include an Ecological Mitigation Plan prepared by a suitably qualified and experienced ecologist who shall have regard to:

- i. The recommendations contained in the audit by Shona Myers – Natural Heritage Scientist, ARC as to planting and the implementation of mitigation measures;
- ii. The planting of appropriate plant species as identified in ARC Technical Publication 148: Riparian Zone Management: Strategy for the Auckland Region, June 2001.

5.2 The Plan shall provide for:

- i. Planting in riparian zones where consent of the landowner is obtained;
- ii. Mitigation of potential coastal effects.

5.3 Wherever practicable, any disturbance of existing vegetation shall be avoided.

5.4 Where riparian vegetation disturbance cannot be practicably avoided, the Requiring Authority shall take care that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as including, but is not limited to, vegetation clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

5.5 The PMP shall include a plan of the proposed works within the eastern remnant of Smiths Bush in sufficient detail to determine the impact on existing vegetation and the Requiring Authority shall undertake its best endeavours to minimise the removal of vegetation from Smiths Bush.

5.6 All works within the eastern remnant of Smiths Bush shall be supervised by a suitably qualified and experienced arboriculturist.

5.7 As a means of attempting to retain the overall ecological viability of Smiths Bush, any vegetation removed from the eastern remnant of the bush shall be replaced where practicable in accordance with a native tree planting and maintenance regime approved under condition 3.3. and following consultation with appropriate staff at the Auckland Regional Council.

6. Landscape Mitigation Conditions

6.1 The PMP shall include a Landscape Mitigation Plan prepared by a suitably qualified and experienced landscape architect who shall have regard to:

- a. The Landscape Mitigation Plan prepared by LA4 Landscape Architects and contained in the Esmonde Interchange Project: Assessment of Environmental Effects Volume 10c; and
- b. The recommendations contained in the audits by Melean Absolum and Chris Boucher.

6.2 The Landscape Mitigation Plan shall provide for:

- a. The integration of the proposed works into the surrounding landscape;
- b. Appropriate consideration of the angle and extent of batter slopes;
- c. Appropriate screening of existing land-uses along Fred Thomas Drive;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximise integration with the general form of the surrounding landscape;
- e. Ecological mitigation measures (eg revegetation) required in accordance with the Ecological Mitigation Condition;
- f. Mitigation of effects on properties in the vicinity of the busway;
- g. Noise mitigation measures (eg noise barriers) required in accordance with the Noise Mitigation Conditions and the screening of such measures with planting between barriers and the busway carriageway;
- h. Detailed designs of the acoustic barriers, retaining walls, and earth bunds in conjunction with the engineers

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where necessary; and

i. The identification of existing trees and vegetation sited on the boundary of the Busway designation that ought to be retained for screening purposes.

6.3 The Landscape Mitigation Plan shall include details of:

j. All proposed planting (including species, species size, densities, areas and locations);

k. The planting programme;

l. The maintenance programme. This programme shall include details of weed control, performance standards specifying allowable percentage survival rates, and replacement of any planting features;

m. The sufficiency of the soil medium to sustain all planting proposed; and

n. An appropriate maintenance regime.

6.4 All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter. Following completion of planting, the Requiring Authority shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

6.5 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

6.6 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

7. Noise Mitigation Conditions

7.1 The project shall, as a minimum standard, be designed and constructed to comply with the limits within the Transit NZ Guidelines for the Management of Traffic Noise for State Highway Improvements and with the acoustic report 'North Shore Busway Project, SH1 busway, Report No 97245B' by Marshall Day Acoustic Limited.

7.2 The PMP shall include a Noise Mitigation Plan prepared by a suitably qualified noise consultant. The purpose of the plan is to describe the methods by which noise associated with traffic using the roading and the bus stations within the designation will be made to comply with specified noise limits at all affected dwellings and schools in the vicinity of the area affected. Where the ambient sound level is required to determine design limits then this shall be done prior to construction commencing.

7.3 The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

7.4 The PMP shall include a Construction Noise Management Plan. The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 7.3 above. In particular, the Construction Noise Management Plan shall identify:

a. The location of permanent acoustic fences to be installed prior to the commencement of the main construction works;

b. Methods of managing noise;

c. Noise monitoring methods, including details of methods, equipment, location and frequency;

e. Contingency measures in the event of any incidence of non-compliance; and

f. Procedures for handling noise complaints.

7.5 Where the requirements of condition 7.4 are unable to be met, the alternative strategies that have been developed following consultation with affected landowners will be implemented. Such alternatives may include, but not be limited to, temporary relocation of occupiers, compensation for occupiers and purchase of the affected properties.

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7.6 Construction works shall at all times be undertaken in accordance with the Construction Noise Management Plan.

7.7 Where practicable, acoustic barriers required to meet Transit Noise Guidelines in particular locations, shall be erected prior to commencement of the construction works in those locations.

7.8 Where temporary acoustic barriers are proposed in the Marshall Day Report, and where their retention would result in effective traffic noise reduction for residents or educational facilities, they shall be built to a standard such that the barriers will be able to remain permanently in place at heights approved under condition 3.3, taking into consideration traffic noise reduction visual and landscaping factors and consultation with adjoining property owners.

7.9 Unless:

- a. Otherwise agreed between Ministry of Education (MOE) and the requiring authority; or
- b. MOE agrees to compensation with the Requiring Authority for the noise effects from the Busway and associated new works; where *additional* traffic noise resulting from the Busway or associated new works increases above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any classroom, then the requiring authority shall, immediately following commissioning of the Busway, implement mitigation measures which result in the noise level not *exceeding* 45 dBA Leq, or the ambient noise level *existing* prior to the establishment of the Busway, whichever is the higher. This noise level shall be achieved together with the ventilation requirements of The New Zealand Building Code, Clause C4.

8. Geotechnical Mitigation Condition

8.1 A Geotechnical Mitigation Plan shall be prepared by a suitably qualified Geotechnical Engineer in consultation with North Shore City Council. The plan shall be submitted to the North shore City Council prior to construction of any stage and shall take into account the recommendations of the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues' – November 2001.

9. Vibration Mitigation Conditions

9.1 The PMP shall include a Vibration Mitigation Plan having regard to the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001'. This Mitigation plan shall include details of how the works will comply with the requirement of German Standards DIN4150 "Structural Vibration in Buildings – Effects on Structures" during construction and shall take into account the recommendations.

9.2 A dilapidation survey of 'at risk' buildings, as per the recommendations of the audit prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001', shall be undertaken prior to during and after completion of the construction works, provided the consent of any landowner and/or occupier can be obtained.

10 . Traffic Mitigation Conditions

10.1 The PMP shall include a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall include:

- a. Methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods of helping to accommodate the bus transport needs of pupils of Westlake Girls' High School through the development and operation of Westlake Station and the busway system, in the light of consultation with the School;
- c. Methods of limiting the use of the busway to emergency vehicles and no more than 350HOVs (excluding buses) per hour north of Esmonde Road, including a restriction on the access of HOVs through Constellation Drive Station to no more than 350HOVs;

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d. Details of a monitoring programme to be undertaken detailing the demand for car parking in the vicinity of the Sunnynook Station and Westlake Station prior to the opening of the Station and at regular intervals (a minimum of 2 per annum) for a minimum period of five years following the opening of the Station to the public and measures to manage any such demand. (This condition shall only apply to Notices of Requirement 8 and 9); and

e. Details of pedestrian access to be provided within the Westlake Bus Station and along Shakespeare Road Extension. (This condition shall apply only to Notice of Requirement 8).

10.2 In order to prevent potentially significant traffic disruption during and after construction, the existing Onewa Interchange shall continue to be fully operational (that is in the manner in which it currently operates) until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

10.3 The public use of the Westlake Station shall not be allowed until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

11. Construction Management Conditions

11.1 The PMP shall include a Construction Management Plan which shall refer to all conditions imposed on any relevant resource consents granted by the Auckland Regional Council.

11.2 The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Management Plan shall identify amongst other things:

- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt;
- d. The means by which loss of vehicle access to be (sic) properties will minimise inconvenience to each property owner affected following consultation with affected property owners;
- e. Methods of ensuring pedestrian safety along public footpaths and particularly where works are proposed in close proximity to any school;
- f. Procedures for handling any dust and ground vibration complaints; and

In respect of Takapuna Normal Intermediate School the Management Plan shall include measures to address the following, in consultation with the School:

- i. Preventing students from gaining access to the construction site via the parking area off Northcote road or Smiths bush by the erection of such gates or fencing as may be agreed to by the School and the Requiring Authority;
- ii. Control of construction traffic moving between the construction site and Northcote Road so as to encourage the safe movement of students along Northcote Road; and
- iii. Minimising any adverse effects of construction on the playing field, in particular, dust nuisance.

11.3 The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept at all site offices.

11.4 The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

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11.5 The Requiring Authority shall advise neighbouring owners and occupiers in the vicinity of the affected area of the date on which construction is to start, the expected duration of the work, and the telephone number of Site Liaison Officer who is able to respond to queries.

11.6 The location and extent of each stage of the site works will be identified and the North Shore City Council advised of the construction timetable.

11.7 The earthworks contractor shall be required to maintain the stability of the land and property at the boundary of the site by the best practicable method and to monitor that such works are and remain effective.

11.8 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the Requiring Authority's expense.

11.9 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. It is the Requiring Authority's responsibility to remedy any damages to the public drains that may occur during construction.

11.10 Protected vegetation areas and trees identified in the Landscape Mitigation Plan are to be retained and protected. Other sensitive areas of the site are to be identified and marked for protection prior to the commencement of works.

11.11 Spoil from earthworks, surplus to site requirements, shall be disposed of at an approved landfill site.

12. Exmouth Road Pedestrian Overbridge

12.1 The Requiring Authority will use its best endeavours to obtain all necessary resource consents to allow reinstatement of the existing Exmouth Road pedestrian overbridge in the same or a similar location but extended to provide access across the bus lane to the foreshore. If such consents are granted the Requiring Authority shall reinstate the overbridge prior to the consents lapsing.

13. Westlake Boys High School

13.1 The School accessway, adjoining the western boundaries of the Altona road properties and connecting the northern and southern playing fields, shall be constructed with a minimum width of 4m and designed so that service vehicles and pedestrians can obtain safe and convenient access.

13.2 The western embankment adjoining the southern playing fields of the School shall be planted with *Alnus incana* and *Alnus rubra* at a size and spacing to be detailed within the Landscape Mitigation Plan.

13.3 The Requiring Authority shall use its best endeavours to undertake construction of the works in the area adjoining the northern playing fields during the School Summer holidays (approximately 10 December – 31 January the following year).

14. Westlake Girls High School

14.1 The Requiring Authority shall use its best endeavours to ensure that the pin oak trees along the western boundary of the School are retained.

14.2 The Requiring Authority shall use its best endeavours to undertake construction of the works along the School boundary during the School Summer holidays (approximately 10 December – 31 January the following year).

15. Takapuna Normal Intermediate School

15.1 A permanent 1.8 metre close boarded and battened wooden fence shall be erected along the western

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boundary of the school (as identified in the **attached** plan titled "Building Locations Takapuna Normal Intermediate School") prior to commencement of construction of the Busway.

15.2 Where the operation of the Busway results in increases in traffic noise above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any existing Takapuna Normal Intermediate School classroom with windows open (identified in the **attached** plan), then the requiring authority shall implement mitigation measures which result in the noise level not exceeding either 45 dBA Leq, or the ambient noise levels existing prior to the establishment of the Busway, whichever is higher. This noise level shall be achieved together with the ventilation requirements of the New Zealand Building Code, Clause G4 and New Zealand Standard 4303:1990 'Ventilation Requirements for acceptable indoor air quality' and in particular the requirements for educational institutions.

15.3 The Requiring Authority shall provide for:

- a. Replanting, or replacement where replanting is not practicable, of trees along the western boundary that are required to be removed for construction of the Busway; and
- b. Planting along the inside of the 1.8 metre fence (as described in condition 15.1) to mitigate the visual impact of the fence.

16. Smales Farm

16.1 The requiring authorities shall consult with a liaison person appointed by Shea Investments Limited and Betty Leila Holdings Limited in respect of:

- a. The detailed landscape plan to be prepared for the Busway in the vicinity of Smales Farm, for the purpose of ensuring that the landscaping for the Busway is integrated with the landscape development of Smales Farm; and
- b. That part of the Traffic Mitigation Plan that relates to Shakespeare Road Extension and Westlake Bus Station.

17. T D Jane, L J & M F Bilton & A S & S J Church

17.1 Subject to access being granted by the landowners of the properties legally described as Lot 127, DP 56740 (CT 9C/703), Lot 128, DP 56740 (CT C/104) and Lot 129, DP 56740 ("the properties"), the Requiring Authority will implement the landscaping plan prepared by LA4 Landscape Architects for the properties (titled "Proposed Planting to Mitigate Busway" **attached**) and any amendments to the planting shown on the plan as reasonably agreed between the landowners and the Requiring Authority. Failing agreement within 12 months of completion of construction of the fence, the Requiring Authority shall implement the LA4 landscaping plan (or its equivalent in value).

17.2 The Requiring Authority shall construct a fence on the properties' western boundaries prior to construction of the Project commencing adjacent to the landowners properties. The fence shall have the following specifications:

- a. To be located along the properties' western legal boundaries at 2 metres above ground level (as at 16 May 2003) at 7 and 10 Altona Road, and at 2 metres and rising to 2.5 metres above ground level at the northern end at 9 Altona road, for the full length of the boundaries of those properties;
- b. To be constructed of exterior grade (marine) plywood having a thickness of 17.5 mm or more;
- c. Plywood panels to be bolted to a framework so as to ensure no gaps or cracks and to meet the surface of the ground at their lower edge;
- d. Fence posts and framework to be specified by engineering design;
- e. Transit shall construct gates in the fence if requested by the landowners of 7 and 9 Altona Road; and
- f. To be certified by an engineer as having a design life of 20 years (except that certification of the design life of the fence shall not apply to any gates requested to be constructed).

Advice note:

It is the Requiring Authority's intention to construct the fence as part of the enabling works during 2003 or by

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April 2004 at the latest.

17.3 Any construction activities exceeding the Construction Standard set out in condition 7.3 between chainage 13200 to 13000 shown on the designation plan "Harbour Bridge to Constellation Drive Designation Plans Westlake Boys High School, Drawing No. 7716C609" (the affected area") shall be undertaken between the hours of 8.00am – 6.00pm on weekdays only and shall exclude the two weeks following Christmas Eve. For the avoidance of any doubt, condition 7.5 relating to works exceeding the Construction Standard continues to apply to the landowners as affected parties.

17.4 The Requiring Authority shall undertake earthworks in the affected area in one stage.

17.5 The Requiring Authority shall consult with the landowners on the mitigation plans referred to in the conditions 5, 6, 7, 8, 9, 10 and 11 on the designation insofar as the mitigation plans affect the landowners' properties

18. Bateman Property

Stormwater

18.1 As part of the busway construction works, Transit and NSCC shall provide the following measures to address stormwater effects:

- a. Transit shall pipe the existing drain from chainage 15100 down to 14960 (see Figs 1a – 1c, **attached**);
- b. Transit and NSCC shall widen by 4m the motorway side of the existing drain located on the eastern side of the motorway, from the level of the top of the present vertical concrete wall, from chainage 14960m to Sunnynook Road Culvert (as shown on the **attached** Figs 1a – 1c), such widening shall be at a grade as flat as possible from the existing concrete wall, consistent with efficient fall;
- c. NSCC shall use its best endeavours to reduce the volume of debris caught on the central wall of the Sunnynook Road Culvert by reshaping the leading edge of the central wall;
- e. Transit and NSCC shall undertake the following measures to avoid slope instability and scour:
 - i. Provide a batter toe restraint retaining wall to buttress the lower position of the batter;
 - ii. Construct a gabion wall or timber pole wall to support the toe restraint retaining wall; and
 - iii. To undertake grass seedling over the four metre widening of the berm.

Advice Note:

It is recorded that Mr Bateman has agreed to provide access to Transit and NSCC or their contractors to enable them to undertake any drainage improvement works required within or adjacent to the Bateman family property.

Noise

18.2 Transit shall construct a concrete 0.8 metre high barrier between the Busway and the property in compliance with the letter from Marshall Day Acoustics Limited dated 18 December 2002 (**attached** as Appendix 1). The detailed design of this barrier is to be finalized as part of the busway detailed design.

18.3 Transit shall construct a 0.8 metre high solid concrete New Jersey Barrier on top of the retaining wall between the motorway and the busway as also described in Appendix 1; the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.4 Transit shall construct a 1.8 metre high barrier at the rear of the Sunnynook Station between the proposed bus shelter and the end of the platform to mitigate any reflection of noise from the northbound bus shelter, the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.5 Transit agrees that any retaining wall to be constructed for the purposes of the Sunnynook Station shall be constructed from non-reflective materials to mitigate any potential noise effects.

Landscaping

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18.6 Transit shall undertake screen planting, consisting of native trees, shrubs and ground cover between Sunnynook Station, the busway and the property, as shown on the **attached** plan (titled “North Shore Busway Project: Amended Landscape Development for Sunnynook Bus Station, Figure 2”) to provide effective screening. The planting, including the planting shown on the embankment between the busway and the motorway, will be undertaken as soon as practicable following the construction works and within the first planting season to provide effective screening.

18.7 The landscaping and planting provided for under clause 18.6 shall be planted at Pb28 grade so that the plants are approximately 1.5 metres high when planted.

18.8 All planting shall be tended and maintained to ensure the full establishment and effectiveness of the landscaping including replacement planting where necessary.

Attachments

No attachments.

1429 Road Widening - Wairau Road

Designation Number	1429
Requiring Authority	Auckland Transport
Location	7-15 Wairau Road and 78Z Taharoto Road, Milford
Rollover Designation	Yes
Legacy Reference	Designation 183, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Six years from being operative in the Unitary Plan unless given effect to prior

Purpose

Wairau Road and Taharoto Road transport corridor widening and associated works.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 6 (six) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

R1430 Car Park - Sir Peter Blake Parade

Designation Number	R1424
Requiring Authority	Auckland Transport
Location	23-27 Sir Peter Blake Parade, Bayswater

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Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- Communications, water supply and energy supply infrastructure;
- Stormwater drainage and other surface water management infrastructure;
- Earthworks;
- Pruning and removal of all non-scheduled vegetation within the site; and
- Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- Resurfacing of floors, at-grade, and metalled parking surfaces;
- Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- Bicycle stands, racks, cages and other forms of bicycle storage;
- Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- Customer service booths;
- Barrier arms;
- Parking sensors;
- Signage relating to parking information, management and enforcement;
- Lighting;
- CCTV cameras; and
- Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

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8. In the case of parking buildings¹ and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

¹ For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed

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the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility

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Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

1431 Road Widening - Chivalry Road

Designation Number	1431
Requiring Authority	Auckland Transport
Location	107 Chivalry Road, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 187, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Road widening.

Conditions

General

1. That the scope and extent of the works within the designated area be in accordance with the Notice of Alteration to a Designation dated 28 July 2010; and in accordance with the following approved Designation conditions:
2. The works shall be undertaken in a manner in general accordance with the plans submitted and that subject to this condition being met an Outline Plan of Works not be required.

Landscape

3. A pocket park shall be created on the eastern corner of the intersection of Chartwell Avenue and Chivalry Road, with associated planting and seating as specified on Sheets 1 and 2 of the LA 4 Landscape Plans in Attachment 1 and Attachment 2. Two rimu trees, in addition to those shown on this Plan shall also be planted adjacent to the boundary between the pocket reserve and 109 and 109A Chartwell Avenue.
4. A replacement specimen street tree approved by the Auckland Council shall be planted within the road reserve generally adjacent to 77 Chartwell Avenue, subject to a suitable location being established that meets safety, infrastructure and utilities requirements.
5. Protective fencing shall be installed around all trees that are to be retained. This fencing shall be installed in accordance with accepted arboricultural practice prior to any works taking place and shall remain in place until the completion of all works.
6. Where tree protection fences are to be constructed prior to works commencing, a pre- start memo is required to confirm the implementation of those measures. No further works are permitted until the Council's Arborist has received and approved this memo.
7. A planting maintenance plan shall be provided in accordance with Auckland Transport Code of Practice (ATCOP).

Traffic

8. The tracking (for buses and large vehicles) shall be reviewed for all turning movements, to ensure that there is sufficient lateral clearance from traffic lane and the kerb and the swept path does not encroach onto the berm/footpath, kerbside car parking areas (in front of the shops on Diana Drive) and pedestrian waiting areas.
9. The safety audit report shall be reviewed and the recommendations in the report shall be included in the intersection upgrade project.

Traffic Noise

10. A close-boarded 1.8m acoustic fence shall be erected on the boundary between the proposed pocket reserve and the property at 77 Chartwell Avenue and in addition at the road boundary of 77 Chartwell Avenue to replace the existing low timber fence.
11. A close-boarded acoustic fence 2.5 metres in height shall be installed along the western boundary of the property at 109 Chivalry Road adjacent to the proposed pocket reserve.
12. The acoustic fences detailed above shall be installed as soon as possible after demolition of the building on

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107 Chartwell Avenue.

13. The surface of the realigned carriageway shall be finished in a smooth asphalt surface designed to reduce road noise to the maximum practicable extent or another surface which a suitably qualified noise consultant certifies is capable of achieving similar or greater reduction in vehicle noise.

Construction

14. The Requiring Authority shall ensure that all reasonable steps are taken to prevent any nuisance and damage to adjacent properties during construction. The Requiring Authority will reinstate any property damaged during construction or provide compensation to the affected owner if reinstatement is not possible.

15. Construction shall be limited to the following hours:

Weekdays 7.00am - 7.00pm;

Saturdays 8.00am - 4.00pm;

Sundays & Public Holidays No work

16. Noise generated by the construction works associated with the upgrading of the Diana Drive/Chivalry Road/Chartwell Avenue intersection shall comply with New Zealand Standard NZS 6803P:1999 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work", except that where compliance with this standard is not practicable, alternative methodologies that will minimise adverse effects shall be developed in consultation with the owners and/or occupiers of the affected properties to the satisfaction of Auckland Council.

17. Prior to construction commencing the Requiring Authority shall prepare a Construction Management Plan (CMP) for approval to the satisfaction of Auckland Council. The Construction Management Plan shall make provision for the following:

- a. Methods for the avoiding or minimising noise and vibration nuisance;
- b. Methods for avoiding or minimising any dust nuisance from construction;
- c. Methods for handling complaints on noise, vibration, dust or any other matter;
- d. Methods for protecting those trees that are to be retained and are potentially affected by construction works;
- e. Methods for implementing the recommendations of the Landscape Mitigation Plan and the Arborist Report;
- f. Methods for the demolition and/or removal of any building on properties required for the works;
- g. Methods for the site specific provision for erosion and sediment control to ARC TP 90 standards;
- h. Methods for liaising with schools to ensure safety of school pupils and that any major school events are planned for;
- i. Methods for liaising with network utility operators;
- j. Methods for ensuring that any vehicles leaving the site do not deposit soil or other debris on public roads;
- k. Details of the site manager, including their contact details (phone, fax and postal address);
- l. The location of a large notice board at each end of the works, which clearly identifies the name, telephone number, and address of the site manager;
- m. Methods for retaining access to all properties during the construction period;
- n. The location of the site office and workers' toilet;
- o. Proposed hours of work on the site;
- p. Locations at which construction equipment will be parked over night;
- q. The signage to be erected at the site during the construction period to advise motorists and pedestrians of the works, and of the routes they should follow; and
- r. A requirement to implement the Traffic Mitigation Plan required under Condition 26.

18. A Construction Noise Management Plan (CNMP) shall be prepared to the Auckland Council's satisfaction by a suitably qualified acoustic consultant prior to the commencement of any construction works. The Plan shall refer to noise management measures set out in Appendix E of NZS6803:1999 "Acoustics — Construction Noise" and as a minimum shall address the following:

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- a. Construction sequence;
- b. Machinery and equipment to be used;
- c. Hours of operation, including times and days when noisy construction would occur;
- e. The design of noise mitigation measures such as temporary barriers or enclosures;
- f. Construction noise limits for specific areas;
- g. Development of alternative strategies where full compliance with NZS6803P:1999 cannot be achieved, including consultation with residents and other occupiers to achieve acceptable outcomes; and
- h. Methods for monitoring and reporting on construction noise. The CNMP shall detail the construction methodologies that will be employed to, as far as practicable, comply with NZS6803P:1999. If this cannot be achieved, management and mitigation measures intended to minimise adverse noise effects shall be set out.

18. The Requiring Authority shall ensure that the Construction Management Plan and Construction Noise Management Plan are complied with at all times during construction and that a copy of each is kept at the site offices.

19. The Requiring Authority shall advise neighbouring owners and occupiers of the construction timetable, including the date on which construction is to start and the expected duration of the work.

20. The contractor shall be required to maintain the stability of the land at the boundary of the site, by whatever means necessary and to monitor that such works are and remain effective.

21. The Requiring Authority shall, during the preparation of Tender documents and the Construction Management Plan, take into account the location of existing infrastructure and utility services and the likely location of future infrastructure and utility services, and undertake consultation with the appropriate Auckland Council departments and Network Utility Operators.

22. The Requiring Authority shall liaise with public utility operators and use its best endeavours to ensure that all planned utility upgrading at the Chivalry Road/Chartwell Avenue/Diana Drive intersection is carried out during the construction period.

23. The requiring Authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators and Auckland Council's infrastructure is protected and public safety is ensured.

24. At all times, reasonable physical vehicular and pedestrian access shall be maintained to private properties not directly affected by construction works in the affected area. Where private properties are directly affected by construction causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner and occupier if relevant, is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which access is prevented. Particular regard shall be given to those properties where the Requiring Authority is aware of owners/occupiers with physical impairments.

25. Prior to the commencement of construction the Requiring Authority shall submit for approval to the satisfaction of the Auckland Council, a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall address methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging. The plan shall specify among other matters:

- i. How, where practicable, one lane of traffic in each direction shall be open at peak times;
- ii. Measures to be adopted to ensure that pedestrian access past the site is safe and, as practical as is possible, and is not obstructed during the construction works; and
- iii. Measures to be adopted to ensure access is maintained to all properties fronting the realigned road including the existing shops on the north western corner and the Church on the south western corner.

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Advice Notes

1. Consider the appropriateness of the service chamber lids at pram crossings with regards to pedestrian safety.
2. Investigate if curve advisory warning signs are warranted for the curve outside 78 Chartwell Avenue, south of the intersection on Chartwell Avenue with the proposed realignment. Similarly check the curve warning requirements for Diana Drive approach to the intersection.
3. That the proposed footpath be widened and set back with approximately 600-1000mm separation (grass verge) from the kerb where possible. It is recommended that the footpath be widened to 2.0-2.5m and gradually tie in with the existing footpath.
4. That directional arrow pavement markings are clearly marked out to warn motorists that the vehicle crossing on Chartwell Avenue associated with the church is an exit only access.
5. Consider the need for cycle facilities at the intersection as discussed under Section 4.5.
6. Consult with the appropriate Council department on the proposal and the timeline for the proposed cycleway or similar facilities on Chivalry Road or in the vicinity of the intersection.
7. That the lighting illumination levels are checked to ensure that they are in accordance with Auckland Council lighting requirements and standards for the intersection.
8. That the appropriate Council departments are consulted if any of the works can be coordinated and carried out simultaneously with this project as discussed in Section 4.7.
9. The details of the final design of the stormwater infrastructure will require liaison with the Council stormwater asset engineer and the retention of the straight alignment or the replacement of the lead with a 300 line may be required.
10. Consideration should be given to setting the new footpaths back from the kerb line to assist with the safety of pedestrians, especially school children. This would also simplify the ramp issues at the new pram crossings.

Attachments

No attachments.

1432 Road Widening - Anzac Street

Designation Number	1432
Requiring Authority	Auckland Transport
Location	43, 47-51, 55, 59, 65, 69 and 106 Anzac Street, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation (no number), Auckland Council District Plan (North Shore Section) 2002
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

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Conditions

General

1. That the scope and extent of the works within the designated area be generally in accordance with the Notice of Requirement dated 14 December 2006; and in accordance with the conditions set out below.
2. Before any construction is commenced an Outline Plan(s) shall be submitted in terms of s. 176A of the Resource Management Act (1991) to the council. The outline plan may be submitted in stages to reflect any proposed staging of the physical works. The outline plan(s) shall show those matters required to be included by Section 176A of the Act and those matters specified in the following conditions.
3. That prior to any works being commenced the Requiring Authority obtain all requisite resource consents required under the Resource Management Act (1991) including any consents required from the council.
4. That the Requiring Authority and its contractors shall, in addition to complying with all other construction-related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.
5. That any land taken or held for the works be maintained to a reasonable standard until physical works commence.
6. That at all times reasonable access be maintained to private properties. As part of the consultation process, Council shall agree a construction period property access agreement with all property owners or occupiers.
7. That, should construction work uncover any archaeological remains, the Requiring Authority should immediately advise local Kaumatua and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without the prior consent of the Historic Places Trust.
8. The Requiring Authority is recommended to seek resource consent for any widening works on the southern side of Anzac St west of Barrys Point Rd referenced in 3.0 above when plans are available and agreement of affected landowners has been reached.

Road Traffic Noise

9. At the Outline Plan stage and prior to the commencement of the construction works, the Noise Management Plan prepared in accordance with the Unitary Plan, and presented as evidence, shall be reviewed by a suitably qualified acoustic consultant, to the council's satisfaction and any necessary changes made to the mitigation plan as now recommended. The report shall provide measured ambient noise levels at appropriate representative monitoring points for all properties and the following information for each affected property:
 - a. Predicted ambient noise level for the year of construction completion;
 - b. Average noise design level;
 - c. Predicted traffic noise level 10 years after completion of the road widening for friction course or other low noise surfacing - based on realistic vehicle speeds; and
 - d. Options for effective noise mitigation measures, either singly or in combination, including noise barriers and building insulation, for the chosen road surface options.
 - e. Council shall maintain, through regular resurfacing or other remediation, the effective noise reduction parameters of the surfacing.
10. Where a residence that is immediately adjacent to Anzac Street will be exposed to a predicted level of traffic noise greater than 65dBA Leq(24hour) in 2021 (As listed in Appendix A of the statement of evidence of

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Rhys Hegley dated April 2007 attached to this decision as Attachment 2) and that residence has not been designed to not exceed a daily noise exposure of Leq (6am-10pm) 40dBA in all habitable rooms with ventilating windows open, additional mitigation in the form of alternative glazing, raised road boundary walls to 1.8 m height, mechanical venting systems including air conditioning or methods similar in kind, shall be offered to that residence and incorporated into the Outline Plan and in any property transactions. This provision shall apply to all residential properties adjacent to the designation notwithstanding that property acquisition may have preceded this condition, but shall not apply where the residence has been required as a condition of resource consent to be designed to provide equivalent acoustic mitigation.

11. Where it is reasonably practicable, the mitigation plan, including the erection of the final fences and the installation of other measures, shall be implemented prior to the start of road construction activities to afford the residents the maximum possible protection from those activities.

12. Council shall conduct yearly monitoring surveys for a period of five years from the date of completion of the works to determine whether the design noise standards are being met for the adjacent properties. Council shall continue liaison with the residents over that period and address any deficiencies that may be established.

Construction Noise

13. Noise generated by the construction works associated with the Anzac Street Corridor upgrade shall, where practicable, comply with New Zealand Standard NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work":

14. A Construction Noise Management Plan shall be prepared to the Council's satisfaction by a suitably qualified acoustic consultant prior to the commencement of any construction works. The Plan shall take into account the pre-construction noise mitigation measures to be installed and detail the construction methodologies that will be employed to comply with NZS 6803P:1984 or, if this cannot be achieved, those methodologies that have been agreed with affected parties and property occupiers to minimise adverse effects.

15. Full consideration shall be given to the use of road construction materials that minimise the need for heavy compaction and associated vibration, that can be laid and finished in the shortest practicable time, and that shall have a long effective life and be able to be rehabilitated as necessary in the shortest possible time.

Landscaping and Streetscape

16. The Requiring Authority shall submit a comprehensive Landscape Plan ("The Plan"), based on the Landscape Proposal Plan (Drawing Nos 2097/L3 and 2097/L4) as part of the Outline Plan, to the satisfaction of the Auckland Council after referral to the Devonport-Takapuna Local Board.

17. The Plan shall show how measures have been taken to retain as many of the existing trees as practically possible, and in particular the Totara tree adjacent to 88 Anzac Street.

18. The detailed design of the Landscape Plan is to be reasonably consistent in its approach to provide a comprehensive urban design framework through treatment of boundaries and streetscape amenity. Mitigation measures for individual properties should be undertaken in collaboration with property owners and in accordance with the Council's Design of Streets Project, which aims to provide a comprehensive design framework for street projects in North Shore City.

19. The Plan shall include all proposed planting (including species, species sizes, densities, areas and locations), the planting programme and the maintenance programme.

20. The selected trees to be planted shall be of a type and form that will not adversely impact on the operations of buses in the kerbside lanes and the efficiency and safety of the corridor. Mature trees should provide a clear 3.5 m minimum height and preferably the minimum legal height for vehicles (4.25 m) from road level at the face

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of the kerb.

21. The Requiring authority shall retain an experienced arborist to prepare and monitor a mitigation plan to ensure that all remaining trees are adequately protected and do not suffer damage through the construction phase.

22. The landscape maintenance programme shall be undertaken for a minimum of five years following implementation. It shall include performance standards specifying the minimum average growth rates and survival rates for planting, and shall include any practicable and reasonable maintenance measures.

23. Bus stop and bus shelter locations shall be determined following community consultation and shall comply with the requirements of the Unitary Plan.

Social Impact

24. The Requiring Authority shall at all times during construction and immediately thereafter ensure that all affected residents are able to contact a delegated officer whose duty will be to liaise with all parties over concerns arising out of the construction and completion of the proposed works.

Construction Management

25. The Requiring Authority shall prepare a Construction Management Plan as part of the Outline Plan, based on the conditions included in the decision, for approval to the satisfaction of the council.

26. The Requiring Authority shall ensure that the Construction Management Plan provisions are included in all construction contracts and are complied with at all times during construction.

27. The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

Traffic Management

28. The Requiring Authority shall undertake regular monitoring of traffic conditions at the various road segments and intersections pertaining to works under this designation in order to address adverse traffic effects that may arise. Particular attention shall be given to both safety and efficiency (capacity) issues and cover the changes that may be indirectly impacted by the implementation of the designated works. In particular, the Council shall give due regard to and mitigate problems in Killarney Street, at the intersections on Taharoto Road to which some vehicles may divert (eg Ngaio Street and Rangitira Ave), the intersection of Anzac Street with Barrys Point Road and Pupuke Road and particularly to Pupuke Road South, to property access and the probable introduction of priority lanes on Fred Thomas Drive.

Advice Note:

The Requiring Authority may need to consider travel demand measures or the introduction of dynamic lane management in a relatively short time after initial commissioning. It is likely that traffic management will be required over broad corridors both north/south and east/west.

Public Utilities Conditions

29. The Requiring Authority shall, during the preparation of the outline plan(s), take into account the location of existing and future infrastructure and utility services, and undertake consultation with the appropriate council departments and Network Utility Operators as necessary.

30. The Requiring Authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators and council's infrastructure is protected and that public safety is ensured.

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31. The Requiring Authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work affecting Network Utility Operators and council's infrastructure.

Attachments

No attachments.

1433 Road - Fred Taylor Drive Transport Corridor

Designation Number	1433
Requiring Authority	Auckland Transport
Location	Fred Taylor Drive, Massey/Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation NZTA3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

State Highway 16.

Conditions

1. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 1.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

1434 Road - Marinich Drive Extension

Designation Number	1434
Requiring Authority	Auckland Transport
Location	125A Metcalfe Road to 46 Ranui Station Road, Ranui
Rollover Designation	Yes
Legacy Reference	Designation RP4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

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Roading purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1435 Road - Waitemata Drive

Designation Number	1435
Requiring Authority	Auckland Transport
Location	Waitemata Drive (over Birdwood Park) to Waitemata Drive West, Ranui
Rollover Designation	Yes
Legacy Reference	Designation RP8, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Roading purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 15 (fifteen) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1436 Car Park - Edmonton Road

Designation Number	1436
Requiring Authority	Auckland Transport
Location	331 Great North Road, and 4-6 and 14-20 Edmonton Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation CP1, Auckland Council District Plan (Waitakere Section) 2003

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Public car parking purposes.

Conditions

No conditions.

Attachments

No attachments.

1437 Road - Hobsonville Road Transport Corridor

Designation Number	1437
Requiring Authority	Auckland Transport
Location	Hobsonville Road, Hobsonville
Rollover Designation	Yes
Legacy Reference	Designation NZTA2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Transport corridor.

Conditions

1. Where an outline plan of works is submitted in accordance with s176A of the Act, prior to commencing the project of work, that plan shall be accompanied by:
 - a. a statement detailing the degree to which the works described in the outline plan meet the relevant objectives, policies and rules of the Plan; and
 - b. an assessment of the effects the works described in the outline plan will have on the environment.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2.

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Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

1438 Car Park - Delta Avenue

Designation Number	1438
Requiring Authority	Auckland Transport
Location	16 Delta Avenue, New Lynn
Rollover Designation	Yes
Legacy Reference	Designations CP3 and CP4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public car parking purposes.

Conditions

No conditions.

Attachments

No attachments.

1439 Road Access - Fairbanks Place

Designation Number	1439
Requiring Authority	Auckland Transport
Location	7 Fairbanks Place, Glendene
Rollover Designation	Yes
Legacy Reference	Designation A11, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	5 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road access purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

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Attachments

No attachments.

1440 Road Access - Glynnbrook Street

Designation Number	1440
Requiring Authority	Auckland Transport
Location	16A Glynnbrook Street, Te Atatu South
Rollover Designation	Yes
Legacy Reference	Designation A14, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Roading access purposes.

Conditions

No conditions.

Attachments

No attachments.

1441 Road Access - Ranui Station Road

Designation Number	1441
Requiring Authority	Auckland Transport
Location	35 Ranui Station Road, Ranui
Rollover Designation	Yes
Legacy Reference	Designation A32, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Roading access purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

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Attachments

No attachments.

1442 Service Lane - Henderson Square A

Designation Number	1442
Requiring Authority	Auckland Transport
Location	342-344 Great North Road (Henderson Square A), Henderson
Rollover Designation	Yes
Legacy Reference	Designation SL1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Service lane.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:
 - a. It is given effect to before the end of that period; or
 - b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
 - c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1443 Service Lane - Henderson Square B

Designation Number	1443
Requiring Authority	Auckland Transport
Location	2 Railside Avenue (Henderson Square B), Henderson
Rollover Designation	Yes
Legacy Reference	Designation SL2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Service lane.

Conditions

No conditions.

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Attachments

No attachments.

1444 Service Lane - McNaughton Way

Designation Number	1444
Requiring Authority	Auckland Transport
Location	McNaughton Way to 11 High Brown Drive, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation SL3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Service lane.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1445 Service Lane - James Laurie Street

Designation Number	1445
Requiring Authority	Auckland Transport
Location	60 James Laurie Street to 240C-D Great North Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation SL4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Service lane.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the

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expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1446 Road Widening - Birdwood Road

Designation Number	1446
Requiring Authority	Auckland Transport
Location	8 Birdwood Road and 39-59 Bradnor Meadows Drive, Ranui
Rollover Designation	Yes
Legacy Reference	Designation RW1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Description

Road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1447 Road Widening - Clark Street

Designation Number	1447
Requiring Authority	Auckland Transport
Location	2-16, 24-26, 28-30 Clark Street, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation RW2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Description

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Road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1448 Road Widening - Edmonton Road

Designation Number	1448
Requiring Authority	Auckland Transport
Location	1-3 Edmonton Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation RW3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Description

Road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative..

Attachments

No attachments.

1449 Road Widening - Great North Road

Designation Number	1449
Requiring Authority	Auckland Transport
Location	267-287, 290-300, 295-297A, 301-309, 304-318A, 311-325, 429-447, 450, 4004-4012, 4007-4035, 4018, 4022-4024, 4040-4048, 4052-4054, 4070, 4087-4131, 4092-4094, 4098 and 4104-4118A Great North Road, 1-3 West Coast Road, 1 and 2 Montel Avenue, 2 Blacklock Avenue and 1 Buscomb Avenue, Henderson to Te Atatu

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Rollover Designation	Yes
Legacy Reference	Designation WCCR4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1450 Road Widening - Lincoln Road

Designation Number	1450
Requiring Authority	Auckland Transport
Location	6-8, 14, 122-134, 211-221 Lincoln Road and 1-3 Swanson Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation RW5, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

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No attachments.

1451 Road Widening - Great North Road

Designation Number	1451
Requiring Authority	Auckland Transport
Location	47-55A, 52-54, 58, 78, 80A-82, 86-96, 651-659, 654-656, 676-682, 686, 703-709, 713-733, 708-720, 739A-747, 753-761, 760, 765, 780-786 and 849 Swanson Road, 2 Church Street, and 2 and 13 Knox Road, Swanson
Rollover Designation	Yes
Legacy Reference	Designation RW7, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:
 - a. It is given effect to before the end of that period; or
 - b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
 - c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1452 Road Widening - Te Atatu South Road

Designation Number	1452
Requiring Authority	Auckland Transport
Location	241-275, 272-294, 281-314, 300-326, 330-332, 338-342 and 354-358 Te Atatu Road South, 93 Royal View Road, 1, 82 and 85 Jaemont Avenue, 1A and 2A Covil Avenue and 2A Bridge Avenue , Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation RW9, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening purposes.

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Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 15 (fifteen) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1453 Road Widening - Titirangi Road

Designation Number	1453
Requiring Authority	Auckland Transport
Location	2-14, 9-11, 17-35, 30, 40, 44-54, 45-49, 53, 58, 58-64, 65-171A, 68-68A, 74-114 and 118-160 Titirangi Road, 2 Margan Avenue and 1 and 2 Northall Road, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation RW10, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 15 (fifteen) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative..

Attachments

No attachments.

1454 Road Widening - West Coast Road

Designation Number	1454
Requiring Authority	Auckland Transport
Location	1-23, 2, 24-34, 25-33, 37-47, 53-59, 63A-141, 64-186, 198-274, 273-347, 282-312, 318-320, 326-360, 351A-409, 370-386 and 390-400 West Coast Road, 69-71 Clayburn Road and 1 Pleasant Road, Glen Eden
Rollover Designation	Yes

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Legacy Reference	Designation RW13, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 15 (fifteen) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1455 Road Widening - Swanson Road

Designation Number	1455
Requiring Authority	Auckland Transport
Location	1-25, 12-40, 37,47-55A, 52-54, 58, 78, 80A-82, 86-88, 92-94 Swanson Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation RW14, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 15 (fifteen) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

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1456 Pedestrian Mall - Northcote

Designation Number	1456
Requiring Authority	Auckland Transport
Location	Pearn Crescent, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 143, Auckland Council District Plan (North Shore) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Pedestrian mall.

Conditions

No conditions.

Attachments

No attachments.

R1457 Car Park - College Road

Designation Number	R1467
Requiring Authority	Auckland Transport
Location	32 College Road, Northcote
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

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- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;
 - k. CCTV cameras; and
 - l. Toilet facilities.
3. Any changes to the mix of the function of the parking (short / long term);
 4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;
 6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
 7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;
 8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);
 9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;
 10. Earthworks to implement any of the above; and
 11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency

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works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective

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fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties

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during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1458 Car Park - Swanson Road

Designation Number	R1458
Requiring Authority	Auckland Transport
Location	Swanson Road, Henderson
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;

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- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

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2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and

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leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or

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email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1459 Car Park - Fenwick Avenue

Designation Number	R1459
Requiring Authority	Auckland Transport
Location	2 Fenwick Avenue, Milford
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;

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k. CCTV cameras; and

l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work
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		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
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Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
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Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

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6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

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14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1460 Car Park - Harrison Street

Designation Number	R1460
Requiring Authority	Auckland Transport
Location	3 Harrison Street, Wellsford
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;
 - k. CCTV cameras; and
 - l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

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4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;
6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;
8. In the case of parking buildings¹ and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);
9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;
10. Earthworks to implement any of the above; and
11. Temporary traffic management necessary to implement any of the above.

¹ For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

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During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

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7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1461 Car Park - Channel View Road

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Designation Number	R1461
Requiring Authority	Auckland Transport
Location	12 Channel View Road, Takapuna
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- Communications, water supply and energy supply infrastructure;
- Stormwater drainage and other surface water management infrastructure;
- Earthworks;
- Pruning and removal of all non-scheduled vegetation within the site; and
- Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- Resurfacing of floors, at-grade, and metalled parking surfaces;
- Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- Bicycle stands, racks, cages and other forms of bicycle storage;
- Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- Customer service booths;
- Barrier arms;
- Parking sensors;
- Signage relating to parking information, management and enforcement;
- Lighting;
- CCTV cameras; and
- Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

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6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;
8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);
9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;
10. Earthworks to implement any of the above; and
11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed

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the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.

ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about

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the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1462 Car Park - Hurstmere Road

Designation Number	R1462
Requiring Authority	Auckland Transport
Location	78 Hurstmere Road, Takapuna
Rollover Designation	No

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Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- Communications, water supply and energy supply infrastructure;
- Stormwater drainage and other surface water management infrastructure;
- Earthworks;
- Pruning and removal of all non-scheduled vegetation within the site; and
- Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- Resurfacing of floors, at-grade, and metalled parking surfaces;
- Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- Bicycle stands, racks, cages and other forms of bicycle storage;
- Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- Customer service booths;
- Barrier arms;
- Parking sensors;
- Signage relating to parking information, management and enforcement;
- Lighting;
- CCTV cameras; and
- Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

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8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed

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the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility

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Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1463 Car Park - Clarence Street

Designation Number	R1461
Requiring Authority	Auckland Transport
Location	20 Clarence Street, Devonport
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- b. Communications, water supply and energy supply infrastructure;
- c. Stormwater drainage and other surface water management infrastructure;
- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary

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to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
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Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

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10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1464 Car Park - Trading Place

Designation Number	R1465
Requiring Authority	Auckland Transport
Location	5 Trading place, Henderson
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- b. Communications, water supply and energy supply infrastructure;
- c. Stormwater drainage and other surface water management infrastructure;
- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

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1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20

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Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and

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iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1465 Car Park - Hurstmere Road

Designation Number	R1465
Requiring Authority	Auckland Transport
Location	85 Hurstmere Road, Takapuna
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;

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- c. Stormwater drainage and other surface water management infrastructure;
- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays

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within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

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4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

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11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1466 Car Park - Glenmall Place

Designation Number	R1466
Requiring Authority	Auckland Transport
Location	41 Glenmall Place, Glen Eden
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.

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2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

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Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

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Construction Noise Limits and Mitigation

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Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

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Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

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Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

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- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

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12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

1467 Road Widening - Hobsonville Road

Designation Number	1467
Requiring Authority	New Zealand Transport Agency
Location	Hobsonville Road from Brighams Creek Road to Upper Harbour Drive and Brighams Creek Road and Hobsonville Road intersection, Hobsonville
Rollover Designation	Yes
Legacy Reference	Designation NZTARW1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

1. Hobsonville Road from Brighams Creek Road to Upper Harbour Drive:

- 11.5m from centre line (both sides); and
- 1.44m from the existing boundary (both sides).

2. Hobsonville Road from a point adjacent to Pt 15 SO 2599, being approximately 500mm from the Brighams Creek- Hobsonville Road intersections to a second point at the corner opposite Pt 25 DP 41296:

- 13m from the centre line (west side only); and
- 2.88m from the existing boundary (west side only).

Conditions

1. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation: This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these

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measures would generally satisfy condition 1. Note that major earthworks may require a consent from the Auckland Council.

Attachments

No attachments.

1468 Road Widening - State Highway 16 (Westgate to Whenuapai)

Designation Number	1468
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 from Westgate interchange, Westgate to Brighams Creek, Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation NZTARW2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

1. State Highway 16 from the end of the Motorway to Brighams Creek:
 - a. 15m from the centre line (both sides); and
 - b. 4.88m from the existing road boundary (both sides).
2. State Highway 16 from eastern side of Lot 1 DP 65765 to Taupaki Road:
 - a. 15m from the centre line (south side only); and
 - b. 4.88m from the existing road boundary (south side only).
3. State Highway 16 from Rodney District boundary to a point 50m east of the boundary:
 - a. 15m from the centre line (north side only); and
 - b. 4.88m from the existing road boundary (north side only).

Conditions

1. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 1. Note that major earthworks may require a consent from the Auckland Council.

Attachments

No attachments.

1469 Albany Highway

Designation Number	1469
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Requiring Authority	New Zealand Transport Agency
Location	Albany Highway, Albany
Rollover Designation	Yes
Legacy Reference	Designation (no number), Auckland Council District Plan (North Shore Section)
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening and improvement works.

Conditions

General

1. That the scope and extent of the works within the designated area be generally in accordance with the plans submitted as part of the Notice of Requirement dated 22 September 2011, as modified (with respect to access to 329 Albany Highway) by drawing no.51-30100-SK444 dated 15 December 2011) and as modified (with respect to access to 281 Albany Highway) by drawing no SK281A- 281 Albany Highway - Rev 8 - Agreed Access Arrangements; and in accordance with the conditions set out below.
2. In accordance with Section 184(1) of the Resource Management Act 1991, the alteration to the designation shall lapse on the expiry of 10 years from the date on which it is included in the Auckland Council District Plan (North Shore Section) if it has not been given effect to before the end of that period.
3. Before any construction is commenced an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the Auckland Council. The Outline Plan(s) shall show those matters required by Section 176A of the Act and those matters specified in the following conditions. All work shall be undertaken in accordance with the Outline Plan(s). In addition to the requirements of Section 176A, no works shall commence until the specific mitigation plans referred to below have been approved to the satisfaction of Auckland Council. All works shall also be in accordance with the details of these specific mitigation plans.
4. That prior to any works being commenced, the Requiring Authority shall obtain all resource consents required under the Resource Management Act.
5. The Requiring Authority shall ensure that all reasonable steps are taken to prevent any nuisance and damage to adjacent properties during construction. The Requiring Authority shall reinstate any property damaged during construction or provide compensation to the affected owner if reinstatement is not possible.
6. At all times, reasonable physical vehicular and pedestrian access shall be maintained to private properties not directly affected by construction works in the area affected. Where private properties are directly affected by construction causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner (and occupier if relevant), is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which access is prevented. Particular regard shall be given to those properties where the Requiring Authority is aware of owners/occupiers with physical impairments. Fences removed as a result of this project shall be reinstated at the Requiring Authority's expense unless alternative arrangements have been made with the landowner.

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Heritage / Archaeological

8. Prior to submitting the Outline Plan of Works to the Council for approval in terms of Condition 3 above, the Requiring Authority shall request confirmation from the NZ Historic Places Trust whether an authority under the Historic Places Act 1993 is required to damage, modify or destroy any archaeological material, based on the archaeological assessment of the corridor by Russell Foster and Associates dated November 2011. If the archaeological assessment identifies any material of significant value, steps shall be undertaken by the Requiring Authority, where possible, to avoid damaging, modifying or destroying that material.

9. If any urupa, traditional sites, taonga (significant artefacts), or koiwi (human remains) are exposed during site works, then the following procedures shall apply:

- a. Works in the immediate vicinity of the site that has been exposed shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
- c. The site supervisor shall notify representatives of relevant tangata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
- d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site. Should archaeological material be discovered, works shall not recommence until approval has been obtained from the New Zealand Historic Places Trust, under the Historic Places Act 1993.

10. Prior to the commencement of works, detailed protocols for the management of the exhuming and relocation of the unmarked graves in the Albany Cemetery identified as No. 7, protected as a Category A site, in the Auckland Council District Plan (North Shore Section-Appendix 11A Schedule of Buildings, Objects and Places of Heritage Significance) shall be developed in consultation with representatives of the relevant Tangata Whenua, the New Zealand Historic Places Trust, Presbyterian Church Trustees and Auckland Council.

Traffic Noise

11. The surface of the Albany Highway shall be constructed of a suitable and practicable medium such as asphalt, or a road surface with equivalent or greater acoustic performance. The same medium, or a medium with equivalent or greater acoustic performance, shall be used for all future re-laying of the road surface.

12. As a minimum standard, the Requiring Authority shall design and construct works to satisfy the requirements of NZS 6806:2010 Acoustics - Road Traffic Noise- New And Altered Roads.

13. At the outline plan stage and prior to the commencement of the construction works, a Noise Management Plan shall be provided to the Council's satisfaction from a suitably qualified acoustic consultant in accordance with section 14.9.1(b) of the Auckland District Plan (North Shore Section). The Plan shall provide measured ambient noise levels at appropriate representative monitoring points for all affected Properties And Facilities (PPF's) and the following information for each affected property

- a. The ambient sound levels to all PPF's prior to construction work commencing;
- b. The do-nothing traffic noise levels to all PPFs for the design year, a minimum of 10 years after the completion of the road widening;
- c. The do-minimum traffic noise levels to all PPFs for the design year, a minimum of 10 years after the completion of the road widening;
- d. Options for effective noise mitigation measures, either singly or in combination, including noise barriers and building insulation.
- e. Traffic noise levels for the design year to all PPFs with the proposed mitigation in place.

Construction Noise

14. Noise generated by the construction works associated with the Albany Highway Corridor Upgrade shall, where practicable, comply with the *New Zealand Standard NZS 6803:1999 "Acoustics - Construction Noise"* except that where compliance with the standard is not practicable or possible, alternative methodologies that

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will minimise adverse effects shall be developed In consultation with the owners and/or occupiers of the affected properties, to the satisfaction of Auckland Council.

Construction Management Plan

15. At least one month before the commencement of any construction activities authorised by this designation and associated with the proposed widening and upgrade of Albany Highway, the Requiring Authority, shall submit a Construction Management Plan to the Team Leader Compliance Monitoring (The Manager) - Northern, Auckland Council. The manager's approval must not be unreasonably withheld and, if provided, will be provided within 10 working days (of all information being received by the council). Works will only be able to proceed once approval has been granted. The construction management plan shall make provision for the following:

- a. Methods for avoiding or minimising noise nuisance;
- b. Methods for avoiding or minimising any dust nuisance from construction, including, in particular, any dust nuisance which may cause damage to utilities;
- c. Methods of avoiding or minimising any vibration or ground Instability effects, including, in particular, any such effects which may cause damage to utilities;
- d. Methods for protecting those trees that are to be retained and potentially affected by construction works;
- e. Methods for implementing the recommendations of the Landscape Mitigation Plan and the Arborist report prepared by Arborlab Consultancy Services Ltd dated April 2011;
- f. Methods for the demolition and/or removal of any building on properties required for the works;
- g. Methods for liaising with network utility operators;
- h. Methods for ensuring that any vehicles leaving the site do not deposit soil or other debris on public roads
- i. Details of the site manager, including their contact details (phone, fax, email and postal address);
- j. The location of a large notice board at each end of the works, which clearly identifies the name, telephone number, and address of the site manager;
- k. Methods for retaining access to all properties during the construction period;
- l. Methods for ensuring the safety of cyclists and pedestrians during construction.
- m. The location of the site office and workers' toilet and proposed parking arrangements for workers;
- n. The location of all material storage areas and protection measures (if required);
- o. Proposed hours of work on site;
- p. Locations at which construction equipment will be parked over night;
- q. The signage to be erected at the site during the construction period to advise motorists, pedestrians and cyclists of the works, and of the routes they should follow;
- r. A requirement to implement the Traffic Mitigation Plan;
- s. Proposed construction methodology;
- t. Proposed method of risk management;
- u. Measures for silt control and treatment of stormwater during construction;
- v. Proposed programme;
- w. Measures to manage access for emergency vehicles;
- x. Measures to manage the effects of construction vehicles (delivery routes, times, parking etc.
- y. Measures to remediate any contaminated land (if any).

Communications Plan

16. The requiring authority shall prepare, and submit for the approval with the Construction Management Plan, a Communication Plan that sets out procedures for communicating with the public, the owners and occupiers in the immediate vicinity of the construction area, and all schools in the immediate vicinity (including Albany Junior High and Senior High Schools, Kristin School, Albany Primary School and Pinehurst School) throughout the construction period. The communications plan must include a copy of the Traffic Mitigation Plan prepared under Condition 23 as well as procedures for:

- a. Giving notice of the commencement of construction activities;
- b. Providing information about the expected duration of work, including a programme of works;
- c. Giving notice of any changes to the programme of works.

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d. Handling complaints on noise, vibration, dust or any other matter.

17. The approved Communications Plan is to be implemented and maintained for the duration of the project.

18. The Requiring Authority must ensure that the Local Board, and the owners and occupiers of properties in the immediate vicinity of the construction area, are given notice of the commencement of construction activities and a programme of works at least 10 working days prior to construction commencing.

19. The Requiring Authority must, at all times, from the date the designation is confirmed until the works are complete, ensure that all affected persons are able to contact the delegated officer(s) or agents(s) whose duty it will be to liaise with all parties on the concerns arising out of the completion of the proposed works. This person shall be appointed after confirmation of the designation and affected owners/occupiers notified of the appointment in writing.

Construction Noise Management Plan

20. A Construction Noise Management Plan ('CNMP') shall be prepared by a suitably qualified acoustic consultant and submitted to the Team Leader Compliance Monitoring (the Manager) - Northern, Auckland Council. The Manager's approval must not be unreasonably withheld and, if provided, will be provided within 10 working days (of all information being received by the Council). The Plan shall refer to noise management measures set out in Appendix E of NZS6803:1999 "Acoustics - Construction Noise" and shall detail the construction methodologies that will be employed to, as far as practicable, comply with NZS 6803:1999. As a minimum, the CNMP shall address the following:

- a. Construction sequence;
- b. Machinery and equipment to be used;
- c. Hours of operation, including times and days when noisy construction would occur;
- d. The design of noise mitigation measures such as temporary barriers or enclosures;
- e. Construction noise limits for specific areas;
- f. Development of alternative strategies where full compliance with NZS6803:1999 cannot be achieved, including consultation with residents and occupiers to achieve acceptable outcomes;
- g. Methods for monitoring and responding to complaints about construction noise.

The Requiring Authority shall ensure that the Construction Management Plan and Construction Noise Management Plan are complied with at all times during construction and that a copy of each is kept at the site offices.

22. The Requiring Authority shall advise neighbouring owners and occupiers of the construction timetable, including the date on which construction is expected to start and the expected duration of the work.

Traffic Mitigation Plan

23. Prior to the commencement of construction, the Requiring Authority shall submit a Traffic Mitigation Plan ('TMP') to the Manager, Road Corridor Access, Auckland Transport (the manager). The Manager's approval must not be unreasonably withheld and, if provided, will be provided within 10 working days (of all information being provided to Auckland Transport). The Traffic Mitigation Plan shall:

- a. Address methods of mitigating the local and network wide effects of both the construction of individual elements of the project to be opened to traffic while other sections are under construction; and
- b. Provide details of how individual properties will be affected in terms of on site car parking and manoeuvring and what measures the Requiring Authority will be implementing to ensure that each property retains either the existing provision for on-site car parking or manoeuvring or compliance with District Plan requirements for on-site car parking and manoeuvring.
- c. Provide details of whether during construction the over dimension vehicle envelope of 9.5m by 6.5m is provided, or an alternative route is available.

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Advice Note:

In particular, the TMP should give consideration to the following:

- Whether school holiday periods can be used for critical construction works to minimise disruption and delays caused by school traffic (7- 9am, 3-4pm)
- Whether it is possible to keep open one lane of traffic in each direction at peak times.
- Whether road closures (for either direction) can be avoided for the following: 7am to 9am on school days - for the entire length of the corridor (Bush Road/Albany Highway to Albany Expressway/Albany Highway). 3pm to 4pm on School days - for the section from Rosedale Road/Albany Highway to Albany Expressway/Albany Highway. 4.30pm to 6pm - at the Rosedale Road/Albany Highway, on the south approach between Appleby Rd and Rosedale Rd and on the east approach from William Pickering Dr and Albany Highway. (The above being existing congested areas that have been identified from an on-site survey).

Public Utilities

General Conditions

24. The Requiring Authority shall, during the preparation of tender documents and the Construction Management Plan, take into account the location of the existing infrastructure and utility services and the likely location of future infrastructure and utility services, and undertake consultation with the appropriate Council departments and network utility operators as necessary.

25. The Requiring Authority shall adopt best practice techniques for construction to ensure that all network utility operators' and Council's infrastructure is protected and public safety is ensured. The Requiring Authority shall liaise with public utility operators and use its best endeavours to ensure that all planned utility upgrading along the Albany Highway is carried out during the construction period.

The following conditions apply to Vector Limited and Transpower NZ Limited Electricity Infrastructure:

26. The Requiring Authority shall consult with Vector Limited and Transpower NZ Limited at least 15 working days before carrying out any of the following activities on land that is subject of Designations 179 and 179A:

- a. Any activity where damage is caused, or is likely to be caused, to underground transmission lines assets through excavation or works;
- b. Any excavation in, or under, the road (including drilling, tunnelling, thrusting or similar); or
- c. Establishment, maintenance or replacement of street trees.

The conditions below apply only to Watercare Services Limited's Infrastructure

27. The Requiring Authority shall ensure that Watercare's ability to operate, maintain or upgrade its assets is not unduly restricted or prevented during construction and post construction.

28. The Requiring Authority shall consult with Watercare (or any other agent nominated from time to time) at least 15 working days prior to any works being carried out in close proximity to Watercare's assets and obtain any approvals required from Watercare.

29. The Requiring Authority shall, at the Outline Plan of Works stage, clearly show any actual and/or potential effects of the proposed works on Watercare's infrastructure.

Emergency works

30. Emergency works and urgent works, including provision for 24 hour access, can be undertaken by any other Network Utility Operator without the need for express written approval from the Requiring Authority. The party undertaking the emergency or urgent works must advise the Requiring Authority, within 2 working days, that the activity has been undertaken and seek written approval if the work is ongoing.

"Emergency works" means works defined under section 330(1) of the RMA or Section 6.22.1 of the Draft National Code of Practice for Utilities Access to the Transport Corridors (March 2009) of the Code of Practice of

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Working in the Road (Auckland Region) or any replacement code.

"Urgent work" is defined in section 69 of the Local Government Act (Auckland Council) Act 2009 as work that is urgent and necessary as a result of any defective equipment or other emergency equipment or other emergency.

The above condition shall apply to land that is within the road designation, whether it is formed or not.

Written Approvals

31. In providing written approvals for works in roads under section 176 of the RMA, the Requiring Authority shall comply with the requirements, procedures and timeframes set out in the Code of Practice for Working in the Road (Auckland Region) or any replacement of the regional code by the Code of Practice of Utilities Access to the Transportation Corridors.

Advice Note:

The process implemented for providing requiring authority approvals above could be incorporated into the process for granting access to the road network such that a single process for both requiring authority approvals and road access approvals is implemented unless otherwise requested by the party seeking approval.

Vegetation and Corridor Mitigation

32. The Requiring Authority shall submit a comprehensive Landscape Mitigation Plan as part of the Outline Plan, in consultation with the Council's Urban Design - Built Environment (Environmental Strategy and Policy), Park Arborists and the Northern Ward Arborist for approval and to the satisfaction of Auckland Council. The Plan shall take account of:

- a. Mitigation measures as outlined in the 'Landscape Plans' and 'Landscape and Urban Design Framework' report prepared by Isthmus Landscape Architecture/Urban Design dated April 2011 (Appendix 2 and 3 of the Landscape, Visual and Urban Design Assessment Report).
- b. Modifications to the measures outlined in the Landscape Plans and Landscape and Urban Design Framework report required to give effect to detailed design safety audit recommendations, geometric design constraints and access arrangements for 329 Albany Highway shown on drawing no. 51-301OO-SK44 dated 15 December 2011.
- c. Where there is a conflict between tree location and utilities, alternatives are explored in order that trees are planted close to the locations shown on the 'Landscape Plans'. Such alternatives may include minor relocation of planting (which may entail changes in tree spacing or minor adjustments to footpath and cycle path alignment), changes to tree planting details (such as changes in tree planter detail), or minor realignment of the more flexible services where it is practicable and does not add significantly to cost. Where such alternatives are not practicable, such trees shown on the 'Landscape Plans' shall be planted elsewhere in the corridor.
- d. Consultation with individual property owners and Cycle Action Auckland (in regards to the design of the cycle pathways).
- e. The high sensitivity and potential complexity of the works associated with the reserve land along the Albany Highway Corridor, and in particular, the Albany Cemetery (R539) and Oteha Stream (R473).

33. The Plan shall provide for:

- a. The implementation of the design parameters detailed in the Landscape and Urban Design Framework (Appendix 3 of the Landscape, Visual and Urban Design Assessment report) that provides guidance on the detailed design of:
 - Pedestrian and cycle pathways
 - Medians
 - Intersections
 - Mid-block crossings
 - Pedestrian refuge islands

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- Driveways and shared accessways
- Retaining walls
- Street furniture (lights, signs, bush shelters)
- Boundary walls
- Existing vegetation
- Planting within the berm
- Planting within property boundaries
- Stormwater
- Days Bridge
- Utilities.

b. The identification of existing trees and vegetation affected by the proposed works which, where practicable, are to be retained. These trees shall be protected during the construction programme.

c. The identification of any existing trees and vegetation affected by the proposed works that are to be relocated.

d. A schedule of species to be planted, including their location, botanical name, average plant size at time of planting, with a minimum size of PB95 being used for all specimen street trees, and average mature height.

e. Detailed design of acoustic barriers (in consultation with a suitable qualified acoustic consultant) following consultation with individual property owners. A maintenance period for vegetation retention of no less than 2 years from the certified date of practical completion of all the planting.

f. A maintenance period for vegetation retention of no less than 2 years from the certified date of practical completion of all the planting. The maintenance shall include performance standards specifying survival rates for planting and strategies to address non optimal growth rates and measures including control of invasive root species. It shall also provide for replanting where unsatisfactory planting results have occurred and the timing of planting which could, in consultation with landowners, include opportunities for early planting.

g. Details of street tree planting within medians and berms along the corridor length.

h. Replacement fencing, walling and boundary planting including outcome of discussions with individual owners.

Advice Notes:

In the preparation of the Landscape Mitigation Plan consideration should also be given to the following matters:

1. Retaining Walls

- The use of stepped structures with planting to assist the visual mitigation where retaining walls are required to be higher than 1.2m.
- The use of pre cast panels between the slip road adjacent to 234a- 246 Albany Highway and the highway itself with consideration to a planting strip at the base of the wall to allow for shrub or climber planting to soften the retaining structure.
- The use of art to enliven this route used by adults and children - retaining walls offer a variety of opportunities, particularly near intersections and bus stops.

2. Boundary Treatment

- To the use of hedge, low shrub or climber planting on the highway side of timber fences where space between footpath and boundary permits, in order to create a 'greener' streetscape and reduce the potential for graffiti, so long as such planting does not compromise passive surveillance objectives. Consideration should be given to the adequacy of on-going maintenance of such planting. A decision on such planting should take into account the wishes of adjacent property owners.
- Fencing to be designed with some variations along the corridor in context with adjacent properties, but in a way that creates a coherent and uncluttered appearance as described in the Landscape and Urban Design Framework

3. Street Furniture and Lighting

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- The quality of fittings should be of similar standard to that implemented in the Albany Town Centre as a minimum.

4. Shrub and Groundcover Species

- The use of a limited number of consistent shrub and groundcover species within all three different native planting mixes to encourage a sense of continuity and cohesion throughout the highway corridor.

5. Street Tree Planting

- The use of a planting trench in the grassed berm between the pedestrian path and cycleway, where it is capable of being developed, such as between the footpath and cycle path between 265 Albany Highway and Appleby Road, in order to provide good growing conditions for street trees. Note that construction of such planting trenches shall take into account potential conflict with utilities.

6. Paving Materials

- The use of a coherent system of paving materials and signage to distinguish footpaths, cycle paths, and shared paths. Such materials should complement each other so that they contribute to visual amenity. Signage and graphics should similarly contribute to amenity,
- The use of paving for pedestrian refuge areas within the central median consistent with that use/ for shared paths on the adjacent berms. This approach could be extended to pedestrian crossover areas of roads feeding into the highway subject to traffic engineering recommendations.

7. Other Detailed Design Issues

- Impractical berm configuration that results in acute angles for planting or grassed areas that will not support successful plant establishment e.g. LP002 adjacent 221 Albany Highway and LP011 east side of corridor adjacent Lucas Creek tributary.
- Potential conflict between lighting standard and vehicular access points e.g. LP007 adjacent 427 Albany Highway.
- Potential conflict between bush shelter and vehicular access points LP007 adjacent 419 Albany Highway.
- Feasibility of retaining existing trees e.g. LPOOB adjacent 437b Albany Highway. (Note: the general approach of retaining existing significant trees/notable trees is supported in principle).
- Practicality of footpath layout e.g. LPOOB absence of paved link between bus stop and footpath near 460 Albany Highway.
- Comprehensive treatment of all berms e.g. LP012 adjacent R21 where no treatment is shown for the berm between the shared cycleway / footpath and the property boundary.
- Review of the intersection widths and radii to reduce pedestrian crossing distances and turning vehicle speeds down.

Parkhead Reserve RB

- Replacement planting within the Reserve to reinstate the existing well established leafy reserve character that prevails.
- Attention should also be paid to the sensitive design of any level changes between the highway and reserve to ensure an attractive and seamless transition between the two. Retaining, if required, should be detailed so as to avoid interfering with the open expansive feel between the carriageway and reserve and should be either formed in a high quality material that does not require screening or screened by low planting or a self clinging climber.

R323

- Replacement planting of two totara in the adjacent reserve.

Oteha Stream R473

- To encourage the use of clean and simple lines, and visually recessive colours and avoid the use of applied motifs for Days Bridge.

Albany Cemetery

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- It may be appropriate to consider the use of an alternative species to kanuka within the Albany Cemetery as replacement for the existing trees.
- Use of natural stone facing material on the retaining wall below the Cemetery.

34. All planting in the road reserve will be subject to normal Council maintenance after the specific period identified in the Landscape Mitigation Plan.

35. All landscape mitigation planting shall be implemented no later than in the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practical opportunity. Following completion of planting, the Requiring Authority shall submit to the Council a report by an independent and appropriately qualified landscape architect on the implementation of the Landscape and Urban Design Plan providing a quantitative and qualitative assessment of the performance criteria detailed in the plan. During the maintenance period, the landscape architect shall carry out a qualitative and quantitative inspection every three months during the first 12 months following planting (or more frequently if considered necessary), and then six monthly for a period up to 24 months from completion of each planting area or until the performance standards detailed in the maintenance contract are met.

Stormwater / Contaminants Prior to lodgement of the Outline Plan of Works, consultation shall be undertaken with the Auckland Council Stormwater Unit on the proposed treatment and discharge of stormwater.

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Advice Notes:

1. Consultation should be undertaken with the Auckland Council Stormwater Unit regarding the following bullet points relating to the stormwater management infrastructure catering for the proposed road design:

- Operation and maintenance of proposed stormwater management devices
- Maintenance access requirements for stormwater management ponds (or other such devices) located within private property
- Interim and long term responsibility for pond maintenance and other such devices
- Maintenance access requirements for stormwater management devices located within the road corridor
- Location of stormwater manholes within the road corridor
- Connection of existing stormwater infrastructure into any new roading stormwater network
- Any maintenance requirements for stormwater management devices immediately prior to any transfer of responsibility of those devices to Auckland Council, including but not limited to a full clean-out of proprietary devices including filter medium and cartridge replacement where required.

2. Stormwater pond(s) (or other such devices) located on private property that have been identified for the purpose of treating stormwater runoff from the proposed road corridor should, if possible, have an Easement in Gross over the private land to enable routine maintenance and operation of the stormwater management pond(s). The area comprising the stormwater pond(s) should, if practicable be defined as an Easement for Drainage Purposes, or become a Drainage Reserve vested in Auckland Council.

3. Operation and maintenance access to any stormwater pond should be provided to an 'all weather' standard as per the legacy Council requirements - NSCC-IDSM 2009 Issue 10.

4. Operation & Maintenance Manuals with Engineering Drawings should be provided to Auckland Council Stormwater Unit for all stormwater devices, including ponds. The manuals should include catchment plans, summary cafes, drawings, as built, etc - as per the legacy Council requirements - NSCC IDSM 2009 Issue 10.

5. The forebays of existing ponds should be jointly inspected before road works commence, assessed, and photos taken. Any road construction wash materials & debris identified that have accumulated during the construction phase of the project should be removed from the forebay(s) by the Requiring Authority upon completion of the activity, at no cost to Council and to Councils satisfaction. Liaison regarding any required stormwater pond forebay clean out is with Auckland Council's Stormwater Consents Engineer.

Attachments

No attachments.

Central

Designation Schedule - Auckland Transport (2/3)

Central

Number	Description	Location
1550	Car park	73-83 Customs Street West, Auckland
1551	Car park	22-28 Beresford Square, Auckland Central
1552	Car park	24 Mercury Lane, Auckland Central
1553	Car park	20 Upper Queen Street, Auckland Central
1554	Car park	52-56 High Street, Auckland Central
1555	Car park	299 Queen Street, Auckland Central

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1556	Transport Centre (Britomart Station)	12 Queen Street to Britomart Place, Auckland Central
R1557	Public off-street parking ...	72 Fanshawe Street, Central Auckland
1558	Building line for road widening purposes	The Strand, Parnell
R1559	Public off-street parking ...	23 Graham Street, Central Auckland
1560	Building line for road widening purposes	110 Nelson Street, 217-223 Hobson Street and 54, 86-88 Cook Street, Auckland Central
1561	Building line for road widening purposes	5-7 Nicholas Street and 203 Hobson Street, Auckland Central
1562	Building line for road widening purposes	75 Queen Street (near Customs Street), Auckland Central
1563	Road widening	12-26 Wyndam Street and 155 Queen Street, Auckland Central
1564	Road widening	86 Federal Street, 68 Victoria Street West, and 99, 109-125 Albert Street, Auckland Central
1565	Proposed pedestrian mall	128-130 Hardinge Street, Central Auckland
1566	Proposed pedestrian access way	1-4/61-87 Cook Street, Central Auckland
1567	Proposed building line for road widening purposes	34-38 Greys Avenue, Central Auckland
R1568	Public off-street parking ...	109-111 Onehunga Mall, Onehunga
1571	Building line for road widening purpose	101-107 Beaumont Street, Auckland Central
1572	Public open space / road.	2 Westhaven Drive, Auckland Central
1573	Public open space / road.	109 Fanshawe Street, Auckland Central
1575	Road	164-188 Beaumont Street, Auckland Central
1576	Council car park and proposed reserve	11-15 Dedwood Terrace and 1 Jervois Road, St Marys Bay
1577	Council car park	16 Redmond Street, Ponsonby
1578	Council car park	5-7 Margaret Street. Ponsonby
1579	Council car park	2 Pompallier Terrace, Ponsonby
1580	Building line for road widening	2-4, 6-8 and 12-24 York Street, 46 Parnell Road and 8-10 Bath Street, Parnell
1581	Building line for road widening	1-11 Farnham Street and 106 St.Georges Bay Road, Parnell
1583	Building line for road widening	86-98 Patiki Road, Avondale
1584	Building line for road widening	37-41 and 55-91 Patiki Road, Avondale
1585	Building line for road widening	1-15 Meola Road, Pt Chevalier

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1587	Building line for road widening	21 Newton Road and 582 Karangahape Road, Newton
1588	Building line for road widening	204-234 Great North Road, Newton
1589	Building line for road widening	150 Great North Road, Newton
1590	Building line for road widening	12-18 Monmouth Street, Newton
1591	Building line for road widening	204-234 Great North Road, Newton
1592	Building line for road widening	1, 21-63, 81, 2-48, 60-74 New North Road and 1-13, 21-27A, 29-35 Mount Eden Road
1593	Building line for corner cut off	99-107 Khyber Pass Road, Newton
1594	Building line for road widening	46-50, 54 and 68 Upper Queen Street and 62 Randolph Street, Newton
1595	Council car park	226/228 Symonds Street, Newton
1596	Council car park	3 Burleigh Street
1597	Building line for road widening and amenity purposes	73-141, 157-171, 187-207 Parnell Road, Parnell
1598	Building line for road widening	1, 9, 13-27 Garfield Street, 100 Parnell Road and 96 St. Georges Bay Road, Parnell
1599	Building line for road widening	11-13 and 19-33 Falcon Street and 2 Akaroa Street, Parnell
1600	Building line for road widening	167-177 and 209-215 Parnell Road, Parnell
1601	Council car park	112 Parnell Road, 1 Bath Street, Garfield Street, Parnell
1602	Council car park	32 St. Heliers Bay Road, St Heliers
1603	Building line for road widening	9-19 and 29 Patiki Road and 257-315, 367-489, 533-563, 597-653, 667, 699-705, 713-767, 658-660, 670-718 Rosebank Road, and 2-6 Eastdale Road, Avondale
1604	Building line for road widening	1404 Great North Rd, Pt Chevalier
1605	Council car park	16 Huia Road, Pt Chevalier
1606	Council car park	1-9 Parr Road (North), Pt Chevalier
1607	Council car park	956-990 Great North Road
1608	Proposed regional road	Western side of St Lukes Road, St Lukes
1609	Building line for road widening	322-336, 388, 390-394, 400-432, 574-628, 756-764, 383-399, 445-455, 597-621, 869-911 New North Road, 2 New Bond Street and 2 Western Springs Road
1610	Council car park	820 Great North Road, Western Springs

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1611	Road widening	240-242, 250-256 Balmoral Road and 43, 87-89, 81-85 St Lukes Road and 107 Taylors Road, St Lukes
1612	Council car park	2 Walters Road, Mt Eden
1613	Council car park	430-432 New North Road, Kingsland
1614	Passenger transport route	135, 161, 174, 178, 191-217, 312-328, 336-346, 371, 389-409, 400-412, 422-458, 486, 494, 506, 635-641, 655, 666-672, 669-673, 692, 825, 863, 905, 913-917, 921, 926-946A, 929-931, 935-941, 968-972, 1037-1043, 1047, 1055, 1057A, 1059, 1067, 1079-1079A, 1087-1099, 1196-1198, 1202, 1208, 1212-1216, 1230, 1244, 1288, 1292-1300, 1302-1304, 1308-1308A, 1312, 1318-1326 and 1330-1340 Dominion Road, 33A-35 Brentwood Avenue, 386-388 Mount Albert Road, 2 Onslow Road, 1A Invermay Avenue, 14 Quest Terrace and 41 Denbigh Avenue
1615	Building line for road widening	60 and 64 Sandringham Road and 57-59 Walters Road, Sandringham
1616	Building line for road widening	14-18 22, 26, 44-56, 43-81, 90, 94-96 Mt Eden Road and 2,3 Enfield Street, Mt Eden
1617	Building line for road widening	1 Gillies Avenue, Newmarket
1618	Building line for road widening	Between Nos. 2 and 350 Great South Road (north side), Epsom
1619	Building line for road widening	1-21, 2-236, 69-105, 242-248, 254-262, 272-280, 286-294, 300-350, 421-485, 495-525, 535-555 and 575 Great South Road, 2-8 Manukau Road, 1,2 and 21 Otahuri Crescent, 1 Sunnyvale Road and 1 Mapau Road, Greenlane
1620	Proposed Eastern Transport Corridor	Starts at Orakei Point carries on to Meadowbank, Glen Innes and Panmure (some underground)
1621	Building line for road widening	2-4 Woodward Street and 1081 New North Road , Waterview
1622	Council car park	984 New North Road, Mt Albert
1623	Council car park	867c New North Road, Mt Albert
1624	Building line for road widening	756-764 New North Road
1625	Council car park	12 Kitchener Road, Sandringham
1626	Building line for road widening	34-36, 88-102, 104B, 108, 122-126, 132-138, 142-156, 218-230 Balmoral Road and 15 Douglas Road, Balmoral
1627	Building line for road widening	59 The Drive, Epsom
1628	Council car park	4-8 Essex Road, Mt Eden
1629	Council car park	132 Green Lane West
1630	Council car park	6 Clonbern Road, Remuera
1631	Council car park	539 Remuera Road, Remuera

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1633	Land required for regional road	1,3, 32-66 and 59-59A Mountain Road, 474, 480-482, 486-492 and 510 Ellerslie-Panmure Highway, 5 and 7 Fraser Road, 1-21A, 2 and 21B Morrin Road, 39A-39B Tainui Road and 71, 130 and 140 Jellicoe Road, Point England
1634	Council car park	Stratton Lane, Glen Innes
1636	Council car park	59 Rosebank Road, Avondale
1638	Building line for road widening	7 Tiverton Road, Blockhouse Bay
1639	Building line for road widening	2-14 Owairaka Avenue and 1-1A Tyburnia Avenue, Hillsborough
1640	Building line for road widening	210-220 Richardson and 192-220 Stoddard Road, Hillsborough
1641	Council car park	219 Stoddard Road, Mt Roskill
1642	Building line for road widening	179 Mt Albert Road, 167-169 Mt Albert Road and 3 Owiraka Avenue
1643	Building line for road widening	181-245, 251, 259-335, 334A-340A, 346-352, 349-357, 356-368, 371A-457, 386-446, 448-536, 459A-649, 546-560, 590-620, 636, 644-650, 653-663, 660A, 664-668, 669-673, 670-684, 679-681, 688-698, 693-699, 707-711 and 717-725 Mt Albert Road, 685 Sandringham Road Extension, 1-1A May Road, 8-12 Mount Roskill Road, 1001, 1288C Dominion Road, 30 Erson Avenue, 18-18A Jasper Avenue, 1 and 2 Scout Avenue, 944 Mount Eden Road, 282 St. Andrews Road, 111 Pah Road and 704-717 Manukau Road
1644	Building line for road widening	250-252, 256 Mt Albert Road and 692 Sandringham Road, Sandringham
1645	Council car park	360-366 Mt Albert Road, Mt Roskill
1646	Building line for road widening	955-981 Mt Eden Road, Three Kings
1647	Building line for road widening	682-710, 726-740 Great South Road, east side, Penrose
1648	Building line for road widening	1 Robert Street, Ellerslie
1649	Building line for corner cut off	41 Robert Street, Ellerslie
1650	Council car park	179- 181 Ladies Mile
1651	Council car park	132 Main Highway and 6 Arthur St Ellerslie
1652	Building line for corner cut off	141 Ladies Mile Ellerslie
1653	Building line for road widening	193-205 Main Highway south side and 2 Cawley Street, Ellerslie
1654	Building line for corner cut off	24 Wilkinson Road

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1655	Building line for road widening	341-357, 387-393, 406-424, 421-439, 456-470, 459 and 535 Ellerslie Panmure Highway, 1-1A Ferndale Road, 1 Barrack Road and 1 Harding Avenue
1656	Building line for road widening	7-27, 16-34 Lagoon Drive and 7-17 Queens Road, Panmure
1657	Building line for road widening	39-87, 80, 114-170, 153-155, 214-258, 261-279, 289-301, 570, 576-590, 660-684 and 645 Mt Wellington Highway, 56 Panorama Road, 459 Ellerslie-Panmure Highway, 2 Hamlin Road, 3 and 7 Triangle Road and 2A Ryburn Road, Mt Wellington
1658	Council car park	11-13 Lagoon Drive, Panmure
1660	Council car park	28-30 Pilkington Road, Panmure
1661	Council car park	32-34 Lagoon Drive, Panmure
1662	Council car park	7 Kings Road, Panmure
1663	Council car park	7-13 Pilkington Road, Panmure
1664	Building line for road widening	136-140, 144-148, 150-154, 158-160 Queens Road north side, Panmure
1665	Proposed service lane	144-160 Queens Road, Panmure
1666	Council car park	580 Richardson Road, Hillsborough
1667	Building line for corner cut off	143 and 145 Trafalgar Street, Onehunga
1668	Building line for road widening	722, 726-792 Manukau Road, Onehunga
1669	Building line for road widening	1-11 and 6-10 Campbell Road, Onehunga
1670	Council car park	760-770 Manukau Road
1671	Building line for road widening	1-5 Campbell Road and 802,810 Manakau Road, Onehunga
1672	Building line for road widening	118-126 Symonds Street, 725 Mount Albert Road and 17 Erson Avenue, Onehunga
1673	Building line for road widening	802-810, 822 Manukau Road south of Mt Smart Road intersection, Onehunga
1674	Building line for corner cut off	415 Onehunga Mall, Onehunga
1675	Building line for road widening	581-655, 862-880, 894 Great South Road, Penrose
1676	Building line for road widening	Off Mt Wellington Highway on south side, Mt Wellington
1677	Building line for road widening	950-952, 970-992, 998-1006, 1120, 514-540, 562-618, 791-793, 805, 851, 475-583, 617-649 Great South Rd and 2,10 Beatley Street, Penrose
1679	Road widening	57 Waipuna Road and 4 Carbine Road , Mt Wellington
1680	Council car park	580 Blockhouse Bay Road, Blockhouse Bay

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1681	Building line for corner cut offs	467 Hillsborough Road
1682	Building line for corner cut offs	427-433 Hillsborough
1683	Building line for road widening	77 Selwyn Street, Onehunga
1684	Pedestrian access way	47 Hill Street, Onehunga
1685	Building line for road widening	31-33, 35, 3, 39, 41, 45, 167-171, 270-274, 327, 333 and 343 Neilson Street, 8 and 10 Gloucester Park Road, 10 O'Rorke Street, 6-10 Selwyn Street and 9 Alfred Street, Onehunga
1686	Building line for corner cut offs	24 Selwyn Street and 39-41 Princess Street, Onehunga
1687	Council car park	81-97 Church Street, Onehunga
1688	Building line for road widening	119, 131-135, 151 Arthur Street and 250 Onehunga Mall, Onehunga
1689	Corner Cut Offs	130 Church Street and 115 Galway Street, Onehunga
1690	Proposed Motorway Access Ramps (SH20)	62-70 Onehunga Mall
1691	Council car park	1 Waiapu Lane, Onehunga
1692	Council car park	9-21 Waller Street South, Onehunga
1693	Council car park	45 Waller Street, Onehunga
1694	Proposed service lane	3 Paynes Lane, Onehunga
1695	Building line for road widening	175-243 Neilson St (south side), Onehunga
1696	Proposed Road	13 Miami Parade and 69 Captain Springs Road, Te Papapa
1697	Building line for road widening road widening and corner cut off	153, 156A Captain Springs Road and 231-241, 252, 253-259 Church Street, Te Papapa
1698	Proposed service lane	233-237, 245 Church Street, Te Papapa
1699	Proposed road	57 Angle Street, Te Papapa
1700	Proposed roading network	60 and 69 Captain Springs Road and and 13 and 59 Miami Parade, Te Papapa
1701	Proposed Road	59 Miami Parade, Te Papapa
1702	Building line for road widening and corner cut off	273, 287, 291-305 Neilson Street and 2 Angle Street, Te Papapa
1703	Building line for road widening	365-381, 340-396 Church Street and 2 Beasley Avenue, Southdown
1704	Council car park	89 Atkinson Avenue, Otahuhu
1705	Council car park	21-25 Mason Avenue, Otahuhu
1706	Council car park	35 Hall Avenue, Otahuhu
1707	Building line for road widening	1-23, 31-79, 89-135, 2-20, 28-60, 62-82 Atkinson Avenue, 4-12, 16 Portage Road and 1 Luke Street, Otahuhu

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1708	Proposed service lane	259-287 Great South Road, Otahuhu
1709	Proposed service lane	10-18 Station Road, 5-7 Mason Avenue and 303-337, Otahuhu
1710	Council car park	12-16 High St, Otahuhu
1711	Corner cut off	83 Walmsley Road, Otahuhu
1712	Council car park	1 Victoria Street (cnr Park Avenue), Otahuhu

1550 Car Park - Custom Street West

Designation Number	1550
Requiring Authority	Auckland Transport
Location	73-83 Customs Street West, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 308, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Car park.

Conditions

1. Development of the site shall comply with the underlying development controls including the special height control plane for the site.
2. All activities, works and buildings not fully described in the Notice of Requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant section 168 of the Resource Management Act 1991; or
 - b. A notice to alter the designation pursuant to section 181 of the Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1551 Car Park - Beresford Square

Designation Number	1551
Requiring Authority	Auckland Transport
Location	22-28 Beresford Square, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 309, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Car park.

Conditions

1. The upper height limit of the designation is RL 65.065.
2. Development of the site shall comply:
 - a. With the underlying development controls including the special height controls for the site; and
 - b. All activities, works and buildings not fully described in the Notice of Requirement shall be the subject of either:
 - i. A new notice of requirement, which shall be publicly notified pursuant section 168 of the Resource Management Act 1991; or
 - ii. A notice to alter the designation pursuant to section 181 of the Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1552 Car Park - Mercury Lane

Designation Number	1552
Requiring Authority	Auckland Transport
Location	24 Mercury Lane, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 310, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Car park.

Conditions

1. Development of the site shall comply with the underlying development controls for the site.
2. All activities, works and buildings not fully described in the Notice of Requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant section 168 of the Resource Management Act 1991; or
 - b. A notice to alter the designation pursuant to section 181 of the Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

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1553 Car Park - Upper Queen Street

Designation Number	1553
Requiring Authority	Auckland Transport
Location	20 Upper Queen Street, Auckland
Rollover Designation	Yes
Legacy Reference	Designation 311, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Car park.

Conditions

1. Development of the site shall comply with the underlying development controls for the site.
2. All activities, works and buildings not fully described in the Notice of Requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified, pursuant Section 168 of the Resource Management Act 1991; or
 - b. A notice to alter the designation pursuant to section 181 of the Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1554 Car Park - High Street

Designation Number	1554
Requiring Authority	Auckland Transport
Location	52-66 High Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 312, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Car park.

Conditions

1. Development of the site shall comply with the underlying development controls for the site;
2. All activities, works and buildings not fully described in the Notice of Requirement shall be the subject of

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either:

- a. A new notice of requirement, which shall be publicly notified pursuant section 168 of the Resource Management Act 1991; or
- b. A notice to alter the designation pursuant to section 181 of the Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1555 Car park - Queen Street

Designation Number	1555
Requiring Authority	Auckland Transport
Location	299 Queen Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 313, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Car park, Civic Centre, Mayoral Drive and Greys Avenue: This designation provides for the operation, maintenance and development of the Civic Centre Carpark and ancillary activities. The principal activities of the Civic Centre Carpark comprise the provision of car parking for uses in and around the Civic Centre including the Civic Administration Building, West Bledisloe Building, Aotea Centre, Auckland Town Hall, Civic Theatre and Sky City Metro complex. The greater part of the roof of the designated car park facility supports Aotea Square and extends, in part, under the Aotea Centre and the Sky City Metro complex.

"Operation" involves the use of the largely underground structure for car parking and for ancillary facilities such as access to and from legal roads, vents and plant. For the avoidance of any doubt, the ticket office in the car park is an ancillary facility.

"Maintenance" involves replacement, repair, upgrading of the existing structure and the ancillary facilities within the designation boundary as required from time to time for the safe and efficient operation of the Civic Centre Carpark.

"Development" relates to provision of additional structures or facilities (within the designation boundary) for additional car parking.

Conditions

1. The provisions of the Unitary Plan (with respect to the protection of heritage buildings) shall be adhered to (and any necessary resource consents obtained) where any works affecting the Auckland Town Hall, or within its Site Surrounds occurs.

2. The provisions of the Unitary Plan (with respect to the Concept Plan for Aotea Square) shall be adhered to (and any necessary resource consents obtained) where any works affecting the Public Open Space zone occurs.

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3. The provisions of the Unitary Plan (with respect to the Arts, Civic and Entertainment Precinct) shall be adhered to (and any necessary resource consents obtained) where any works affecting the Precinct occurs.

4. All activities, works and buildings not fully described and in the Notice of Requirement shall be the subject of either:

a. A new notice of requirement, which shall be publicly notified, pursuant Section 168 of the Resource Management Act 1991; or

b. A notice to alter the designation, pursuant to Section 181 of the Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of Section 181(3) of the Act.

Attachments

No attachments.

1556 Britomart Station

Designation Number	1556
Requiring Authority	Auckland Transport
Location	12 Queen Street to Britomart Place, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 314, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Transport Centre, Britomart Place and Queen Street: This designation provides for the operation and maintenance of a transport centre and the provision for a rapid rail system. The centre comprises an underground rail station, attendant facilities and public access to the station through the main portal of the former Chief Post Office and at other access points. Above ground features of the centre include the glazed annex to the Chief Post office building, a series of skylights, ventilation stacks and other servicing plant and equipment.

Conditions

No conditions.

Attachments

No attachments.

R1557 Car Park - Fanshawe Street

Designation Number	R1557
Requiring Authority	Auckland Transport
Location	72 Fanshaw Street, Manukau Central
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- b. Communications, water supply and energy supply infrastructure;
- c. Stormwater drainage and other surface water management infrastructure;
- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

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9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

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Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any

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work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

1558 Road Widening - The Strand

Designation Number	1558
Requiring Authority	Auckland Transport
Location	The Strand, Parnell
Rollover Designation	Yes
Legacy Reference	Designation 319, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Building line for road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

R1559 Car Park - Graham Street

Designation Number	R1559
Requiring Authority	Auckland Transport
Location	23 Graham Street, Auckland Central
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;

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- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

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2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and

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leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or

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email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

1560 Road Widening - Nelson Street

Designation Number	1560
Requiring Authority	Auckland Transport
Location	110 Nelson Street, 217-223 Hobson Street and 54, 86-88 Cook Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 321, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1561 Road Widening - Nicholas Street

Designation Number	1561
Requiring Authority	Auckland Transport
Location	5-7 Nicholas Street and 203 Hobson Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 322, Auckland City Council District Plan (Central Area Section) 2005
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Building line for road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1562 Road Widening - Queen Street

Designation Number	1562
Requiring Authority	Auckland Transport
Location	75 Queen Street (near Customs Street), Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 324, Auckland City Council District Plan (Central Area Section) 2005
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1563 Road Widening - Durham Lane

Designation Number	1563
Requiring Authority	Auckland Transport
Location	12-26 Wyndam Street and 155 Queen Street, Auckland Central

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Rollover Designation	Yes
Legacy Reference	Designation 325, Auckland City Council District Plan (Central Area Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1564 Road Widening - Federal Street

Designation Number	1564
Requiring Authority	Auckland Transport
Location	86 Federal Street, 68 Victoria Street West, and 99, 109-125 Albert Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 327, Auckland City Council District Plan (Central Area Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening purposes - 8.23m from the road centre line.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

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No attachments.

1565 Pedestrian Access Way - Hardinge Street

Designation Number	1565
Requiring Authority	Auckland Transport
Location	128-130 Hardinge Street, Central Auckland
Rollover Designation	Yes
Legacy Reference	Designation 330, Auckland Council District Plan (Central Area Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed pedestrian mall.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:
 - a. It is given effect to before the end of that period; or
 - b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
 - c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1566 Pedestrian Access Way - Sale Street

Designation Number	1566
Requiring Authority	Auckland Transport
Location	1-4/61-87 Cook Street, Central Auckland
Rollover Designation	Yes
Legacy Reference	Designation 331, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed pedestrian access way - 3m wide.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:
 - a. It is given effect to before the end of that period; or

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- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1567 Road Widening - Neales Lane

Designation Number	1567
Requiring Authority	Auckland Transport
Location	34-38 Greys Avenue, Central Auckland
Rollover Designation	Yes
Legacy Reference	Designation 334, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed building line for road widening purposes - strata only, to a minimum unobstructed height of 5m.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:
 - a. It is given effect to before the end of that period; or
 - b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
 - c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

R1568 Park & Ride - Onehunga Train Station

Designation Number	R1568
Requiring Authority	Auckland Transport
Location	109-111 Onehunga Mall, Onehunga
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including (1.) ongoing maintenance, repairs and like for like replacement works to the existing parking facility and (2.) minor operational improvements to the same.

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1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements involving the installation of new 'parking infrastructure' including but not limited to the following:
 - a. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - b. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - c. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;
 - k. CCTV cameras; and
 - l. Toilet facilities.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:
 - a. Weekdays: 7.00am - 7.00pm;
 - b. Saturdays: 8.00am - 4.00pm; and
 - c. Sundays & Public Holidays: No work.

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration	Long term duration
		Leq (dBA)	Leq (dBA)
Weekdays	7.00am - 7.00pm	80	70
Saturdays	8.00am - 4.00pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

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Construction Vibrations

3. The vibrations from all construction activities must comply with the peak particle velocity limits in table 1 of German Standard DIN 4150–3:1999 Structural Vibration—Effects of Vibration on Structures.

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Regional Council Technical Publication 90.

Excess Soil or Waste Material

5. Where excess soil or waste material is to be removed from the site during or following works, it shall be deposited at an approved disposal site. Written evidence confirming this action, in the form of a receipt, producer statement or similar shall be retained and provided to Auckland Council upon request.

Tree Protection Measures

6. All trees shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

7. A complaints management system shall be developed and implemented for any works project on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Noise or Vibration

8. If any complaints are received regarding noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

9. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

10. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

11. Subject to condition 12, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

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- a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- b. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

12. Condition 11 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

13. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

14. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

15. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

1571 Road Widening - Beaumont Street

Designation Number	1571
Requiring Authority	Auckland Transport
Location	101-107 Beaumont Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 376, Auckland City Council District Plan (Central Area Section) 2005
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the

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expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1572 Road Widening - Westhaven Drive

Designation Number	1572
Requiring Authority	Auckland Transport
Location	2 Westhaven Drive, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 377, Auckland City Council District Plan (Central Area Section) 2005
Lapse Date	Five years from being Operative in the Unitary Plan unless given effect to prior.

Purpose

Building line for road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1573 Road Widening - Halsey Street

Designation Number	1573
Requiring Authority	Auckland Transport
Location	109 Fanshawe Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 383, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Building line for road widening purposes.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1574 Service Lane - Hepburn Street to Picton Street

Designation Number	1574
Requiring Authority	Auckland Transport
Location	Service Lane from Hepburn Street to Picton Street, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation C07-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Twelve years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed service lane - 6m width.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1575 Road - Beaumont Street

Designation Number	1575
Requiring Authority	Auckland Transport
Location	164-188 Beaumont Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 387, Auckland Council District Plan (Central Area Section) 2005

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Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior
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Purpose

Road.

Conditions

1. If any archaeological site is exposed during site works then the following procedures shall apply:
 - a. Immediately when it becomes apparent that an archaeological site has been exposed, all site works shall cease, except that works may continue to prevent the escape of any contaminants that would result in any further pollution of the environment;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts are untouched; and
 - c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation and the Manager Planning of the Auckland Council that an archaeological site has been exposed, so that appropriate action can be taken. This is to ensure that such persons are given reasonable time as determined by the Council to record the archaeological features, including a photographic record, before work recommences on the site.
2. The period within which this designation shall lapse if not given effect to in accordance with section 184 of the Resource Management Act 1991 shall be 5 years from the date on which it is confirmed.

Attachments

No attachments.

1576 Car Park and Reserve - Dedwood Terrace

Designation Number	1576
Requiring Authority	Auckland Transport
Location	11-15 Dedwood Terrace and 1 Jervois Road, St Marys Bay
Rollover Designation	Yes
Legacy Reference	Designation B07-30, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park and proposed reserve.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

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Attachments

No attachments.

1577 Car Park - Redmond Street

Designation Number	1577
Requiring Authority	Auckland Transport
Location	16 Redmond Street, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation B07-31, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1578 Car Park - Margaret Street

Designation Number	1578
Requiring Authority	Auckland Transport
Location	5-7 Margaret Street, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation B07-32, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of

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either:

- a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
- b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1579 Car Park - Pompallier Terrace

Designation Number	1579
Requiring Authority	Auckland Transport
Location	2 Pompallier Terrace, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation B07-33, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1580 Road Widening - York Street

Designation Number	1580
Requiring Authority	Auckland Transport
Location	2-4, 6-8 and 12-24 York Street, 46 Parnell Road and 8-10 Bath Street, Parnell
Rollover Designation	Yes
Legacy Reference	Designation B09-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Building line for road widening.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1581 Road Widening - Farnham Street

Designation Number	1581
Requiring Authority	Auckland Transport
Location	1-11 Farnham Street and 106 St.Georges Bay Road, Parnell
Rollover Designation	Yes
Legacy Reference	Designation B09-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1583 Road Widening - Patiki Road

Designation Number	1583
Requiring Authority	Auckland Transport
Location	86-98 Patiki Road, Avondale

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Rollover Designation	Yes
Legacy Reference	Designation C01-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan, in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1584 Road Widening - Patiki Road

Designation Number	1584
Requiring Authority	Auckland Transport
Location	37-41 and 55-91 Patiki Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation C01-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from the being operative inclusion in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1585 Road Widening - Meola Road

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Designation Number	1585
Requiring Authority	Auckland Transport
Location	1-15 Meola Road, Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C05-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 3.66m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with Section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1587 Road Widening - Newton Road

Designation Number	1587
Requiring Authority	Auckland Transport
Location	21 Newton Road and 582 Karangahape Road, Newton
Rollover Designation	Yes
Legacy Reference	Designation C07-21, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

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No attachments.

1588 Road Widening - Potatau Street

Designation Number	1588
Requiring Authority	Auckland Transport
Location	204-234 Great North Road, Newton
Rollover Designation	Yes
Legacy Reference	Designation C07-23, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - north-east side 6.1m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1589 Road Widening - Waima Street

Designation Number	1589
Requiring Authority	Auckland Transport
Location	150 Great North Road, Newton
Rollover Designation	Yes
Legacy Reference	Designation C07-24, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years for being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 5.18m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly

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affected by the works.

Attachments

No attachments.

1590 Road Widening - Monmouth Street

Designation Number	1590
Requiring Authority	Auckland Transport
Location	12-18 Monmouth Street, Newton
Rollover Designation	Yes
Legacy Reference	Designation C07-25, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years for being operative in the Unitary Plan unless given effect to prior

Purpose

Building line and corner cut off for road widening - 3.05m from road boundary and 3.05m by 3.05m corner splay.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1591 Road Widening - Dean Street

Designation Number	1591
Requiring Authority	Auckland Transport
Location	204-234 Great North Road, Newton
Rollover Designation	Yes
Legacy Reference	Designation C07-30, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years for being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 1.5m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

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2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1592 Road Widening - New North Road

Designation Number	1592
Requiring Authority	Auckland Transport
Location	1, 21-63, 81, 2-48, 60-74 New North Road and 1-13, 21-27A, 29-35 Mount Eden Road
Rollover Designation	Yes
Legacy Reference	Designation C08-09, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years for being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.

2. The term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1593 Road Widening - Nugent Street

Designation Number	1593
Requiring Authority	Auckland Transport
Location	99-107 Khyber Pass Road, Newton
Rollover Designation	Yes
Legacy Reference	Designation C08-12, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years for being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut off.

Conditions

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1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1594 Road Widening - Upper Queen Street

Designation Number	1594
Requiring Authority	Auckland Transport
Location	46-50, 54 and 68 Upper Queen Street and 62 Randolph Street, Newton
Rollover Designation	Yes
Legacy Reference	Designation C08-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years for being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 1w years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1595 Car Park - Symonds Street

Designation Number	1595
Requiring Authority	Auckland Transport
Location	226-228 Symonds Street, Newton
Rollover Designation	Yes
Legacy Reference	Designation C08-18, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

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Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1596 Car Park - Burleigh Street

Designation Number	1596
Requiring Authority	Auckland Transport
Location	3 Burleigh Street, Grafton
Rollover Designation	Yes
Legacy Reference	Designation C08-20, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation, pursuant to Section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1597 Road Widening - Parnell Road

Designation Number	1597
Requiring Authority	Auckland Transport
Location	73-141, 157-171, 187-207 Parnell Road, Parnell
Rollover Designation	Yes
Legacy Reference	Designation C09-06, Auckland Council District Plan (Isthmus Section) 1999

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Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior
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Purpose

Building line for road widening and amenity purposes.

Conditions

1. That the term for implementation of this designation is 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1598 Road Widening - Garfield Street

Designation Number	1598
Requiring Authority	Auckland Transport
Location	1, 9, 13-27 Garfield Street, 100 Parnell Road and 96 St. Georges Bay Road, Parnell
Rollover Designation	Yes
Legacy Reference	Designation C09-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation is 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1599 Road Widening - Cheshire Street

Designation Number	1599
Requiring Authority	Auckland Transport
Location	11-13 and 19-33 Falcon Street and 2 Akaroa Street, Parnell
Rollover Designation	Yes
Legacy Reference	Designation C09-20, Auckland Council District Plan (Isthmus Section) 1999

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Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior
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Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1600 Road Widening - Falcon Street

Designation Number	1600
Requiring Authority	Auckland Transport
Location	167-177 and 209-215 Parnell Road, Parnell
Rollover Designation	Yes
Legacy Reference	Designation C09-21, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1601 Car Park - Parnell Road

Designation Number	1601
Requiring Authority	Auckland Transport
Location	112 Parnell Road, Parnell

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Rollover Designation	Yes
Legacy Reference	Designation C09-27, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designations pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1602 Car Park - Polygon Road

Designation Number	1602
Requiring Authority	Auckland Transport
Location	32 St. Heliers Bay Road, St Heliers
Rollover Designation	Yes
Legacy Reference	Designation C15-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act, or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

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1603 Road Widening - Patiki Road

Designation Number	1603
Requiring Authority	Auckland Transport
Location	9-19 and 29 Patiki Road and 257-315, 367-489, 533-563, 597-653, 667, 699-705, 713-767, 658-660, 670-718 Rosebank Road, and 2-6 Eastdale Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation D01-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 6.1m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1604 Road Widening - Great North Road

Designation Number	1604
Requiring Authority	Auckland Transport
Location	1404 Great North Rd, Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation D04-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 2.5m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

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2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1605 Car Park - Huia Road

Designation Number	1605
Requiring Authority	Auckland Transport
Location	16 Huia Road, Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation D04-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1606 Car Park - Parr Road

Designation Number	1606
Requiring Authority	Auckland Transport
Location	1-9 Parr Road (North), Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation D04-09, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

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1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
- A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1607 Car Park - Great North Road

Designation Number	1607
Requiring Authority	Auckland Transport
Location	956-990 Great North Road, Western Springs
Rollover Designation	Yes
Legacy Reference	Designation D05-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
- A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act, or
 - A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1609 Road Widening - New North Road

Designation Number	1609
Requiring Authority	Auckland Transport
Location	322-336, 388, 390-394, 400-432, 574-628, 756-764, 383-399, 445-455, 597-621, 869-911 New North Road, 2 New Bond Street and 2 Western Springs Road
Rollover Designation	Yes
Legacy Reference	Designation D06-07, Auckland Council District Plan (Isthmus Section) 1999

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Lapse Date	152years from being operative in the Unitary Plan unless given effect to prior
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Purpose

Building line for road widening - 2.5m from road boundary.

Conditions

1. That the term for implementation of this designation shall be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1610 Car Park - Great North Road

Designation Number	1610
Requiring Authority	Auckland Transport
Location	820 Great North Road, Western Springs
Rollover Designation	Yes
Legacy Reference	Designation D06-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:

- A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act, or
- A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1611 Road Widening - Balmoral Road

Designation Number	1611
Requiring Authority	Auckland Transport
Location	240-242, 250-256 Balmoral Road and 43, 87-89, 81-85 St Lukes Road and 107 Taylors Road, St Lukes

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Rollover Designation	Yes
Legacy Reference	Designation D06-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

1. That a landscape plan be submitted to the Council at the time of detailed design.
2. The short term construction effects including noise, visual effects and dust effects be reduced through appropriate construction methods.
3. The term for implementation of this designation shall be 12 years from the inclusion of the designation in the Unitary Plan.

Attachments

No attachments.

1612 Car Park - Walters Road

Designation Number	1612
Requiring Authority	Auckland Transport
Location	2 Walters Road, Mt Eden
Rollover Designation	Yes
Legacy Reference	Designation D07-21, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act, or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

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No attachments.

1613 Car Park - New North Road

Designation Number	1613
Requiring Authority	Auckland Transport
Location	430-432 New North Road, Kingsland
Rollover Designation	Yes
Legacy Reference	Designation D07-27, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act, or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1614 Public Transport - Dominion Road

Designation Number	1614
Requiring Authority	Auckland Transport
Location	135, 161, 174, 178, 191-217, 312-328, 336-346, 371, 389-409, 400-412, 422-458, 486, 494, 506, 635-641, 655, 666-672, 669-673, 692, 825, 863, 905, 913-917, 921, 926-946A, 929-931, 935-941, 968-972, 1037-1043, 1047, 1055, 1057A, 1059, 1067, 1079-1079A, 1087-1099, 1196-1198, 1202, 1208, 1212-1216, 1230, 1244, 1288, 1292-1300, 1302-1304, 1308-1308A, 1312, 1318-1326 and 1330-1340 Dominion Road, 33A-35 Brentwood Avenue, 386-388 Mount Albert Road, 2 Onslow Road, 1A Invermay Avenue, 14 Quest Terrace and 41 Denbigh Avenue
Rollover Designation	Yes
Legacy Reference	Designation D07-30, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

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Passenger transport route.

Conditions

General

1. Except as modified by the conditions below, the works shall be undertaken in general accordance with all of the following:

- a. The information provided by the Requiring Authority at the 10-17 September 2001 hearing;
- b. The Notice of Requirement dated 31 July 2000, as modified by the decisions of the Hearings Panel;
- c. The accompanying drawings ACAD:4662A8A-SHT1-4, ACAD:4662A9A-SHT1-4 and D:4662A9B-SHT5; and
- d. The Proposed Designation of land for Dominion Road Enhanced Passenger Transport System: Assessment of Effects on the Environment (17 July 2000) prepared by Woodward-Clyde, Traffic Design Group, and Sinclair Knight Merz.

2. Any land taken or held for works by the Requiring Authority shall be maintained to a standard in keeping with the neighbourhood until physical works commence, to the satisfaction of the council.

3. That part of the proposed designation which includes the property located at 638 Dominion Road (known as "the Hollywood Dairy") is to be removed.

4. That part of the designation affecting the property located at 1047 Dominion Road is to be reduced to 0.55m.

4A. In respect of the property located at 244, 246, 248, 248a, 250 and 256 Dominion Road and 126 Valley Road.

4B. The part of the designation affecting the property located at 375 and 377 Dominion Road is to be removed as shown on the plan entitled ACAD:4662A8A and dated 5 July 2000.

4C. The part of the designation affecting the property located at 169 Dominion Road will be given effect to through the construction of a cantilevered structure as illustrated in the plan entitled D07-30 Condition 4C Dominion Road Footpath.

5. The delineation of any area of land affected by the designation which is to be acquired on individual properties shall be accurately marked out or pegged by the Requiring Authority upon request by the owner of any property so affected.

Construction

6. Prior to the commencement of any physical works on any part of the land included within the designation (and as part of an Outline Plan of Works as required by Section 176A of the RMA), the Requiring Authority shall submit a Construction Management Plan to the council for its approval. This Construction Management Plan shall include specific details relating to the demolition, construction, and management of all works associated with the project. The Construction Management Plan shall be implemented and maintained throughout the entire demolition and construction periods. This Plan shall include:

- a. Details relating to the demolition, construction, and management of all works;
- b. Contact details of management personnel responsible for the project;
- c. Provision for a 24 hour community "hotline";
- d. Measures for the protection of street trees as well as any trees covered by the tree protection rules of the Unitary Plan which may be affected by the works, and particular regard is to be paid to the protection if practicable of the Pohutukawa tree located at 1093 Dominion Road. The designation of extra land, as well as protected works, to preserve the Cedar trees at 488 Dominion Road should be reconsidered;
- e. Measures for the protection of, and continuing access to, all utility services infrastructure within or abutting the designated area;

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- f. Provisions for the maintenance of all construction and reconstruction sites in a safe and tidy condition and for the safeguarding of surrounding areas;
- g. Provisions for public safety including safe pedestrian access past the construction and re-construction sites;
- h. The management of construction and other traffic (including parking and traffic safety measures and the matters required by condition 20 of these conditions);
- i. Measures to be implemented for the protection of adjacent buildings during the construction period;
- j. Measures for sedimentation and dust control;
- k. Details of the hours of operation and for the provision of advice to surrounding property owners, and the owners and operators of utility services infrastructure which may be affected by the works, of the commencement/duration of works and any blasting activities;
- l. The provision of safe and efficient emergency vehicle access to all properties adjoining the route during the construction period; and
- m. Measures to bring the content of the agreed Construction Management Plan to the attention of any contractors undertaking works on the route pursuant to the designation.

7. Pedestrian access and thoroughfare shall be maintained on all roads and footpaths adjacent to the construction works where practicable. Such access shall be safe and clearly identifiable.

8. During construction, the New Zealand Standard NZS 6803:1999 Acoustics – Construction Noise shall be complied with at all times.

9. During construction, any vibration generated beyond the existing road reserve shall comply with BS 7385: Part 2 – 1993 *Evaluation and Measurement of Vibration in Buildings* at all times.

Landscape and Visual Effects

10. Urban design guidelines and a detailed landscape plan for the length of the route of the designations shall be prepared by a qualified landscape architect in consultation with the council, and shall be submitted with the outline plan. The urban design guidelines and landscape plan shall include:

- a. The integration of Dominion Road and the land required (by this designation) for the enhanced passenger transport facilities so that the existing streetscape character is softened and an integrated and cohesive appearance is achieved along the full length of the route. Particular attention shall be paid to existing and likely future development adjacent to the off road deviations at the Valley Road and Balmoral Road centres;
- b. The mitigation of any adverse effects on properties fronting the route. including details of planting to be established on Ballantyne Square and the open space areas at the intersection of Balmoral and Dominion Roads, and Mount Albert and Dominion Roads, as required by condition 13 of these conditions;
- c. Provision for the staging of landscaping in conjunction with the staging of construction works; and
- d. Details of the plant sizes required at the time of planting and of intended species as well as proposed hard landscaping measures (such as paving, street furniture, lighting, signage).

11. The approved landscaping measures shall be implemented in accordance with the agreed urban design guidelines and landscaping plan/s (soft and hard) within the first planting season following the completion of each stage of the construction works.

12. Compensatory planting is to be provided in Ballantyne Square (located on the corner of Ewington Avenue and Dominion Road) in a manner that is consistent with the management plan for the reserve in order to mitigate the effect of the works proposed for the corner of the reserve. The areas of open space on the south eastern corners of both Balmoral/Dominion Roads and Mt Albert/Dominion Roads shall be reinstated and replanted when the works affecting each of those open space areas are completed. Additional compensatory hard and soft landscaping of at least 18m² is to be provided on the northern corner of Dominion Road and Prospect Terrace upon completion of the works and following acquisition and demolition of the buildings at 346 Dominion Road.

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13. The decorative stone wall on the frontage of the Methodist Church at 426 Dominion Road (being legally described as Lot 1 DP 1699, Lot 9 & Pt Lot 10 DP 4293, CT 230/234) shall be reinstated by the Requiring Authority on completion of the works in the vicinity of that property, such reinstatement to occur in consultation with the Church and New Zealand Historic Places Trust. These works shall be carried out in accordance with Plan DOM 426100 offered by the Requiring Authority at the hearing.

Post Construction Noise and Vibration

14. The construction of the works shall be designed to achieve the following noise standards at the Greenstones Pictures Building (located at 330 Dominion Road, being legally described as Lot 1 DP46486, CT 1615/72); the Capitol Theatre (being legally described as Lot 1 DP 4365, CT 44C/591); and the Auckland Philharmonic Orchestra Building (being legally described as Lot 4 DP 6736, CT 181/254) for the duration of the current use (as at 12 September 2001) of these buildings:

- a. an internal noise objective of 33dBA from airborne noise and 33dBA from regenerated noise; and
- b. a vibration limit of 98 dB re 1m mm/s.

15. Vibration relating to the potential for structural damage shall be assessed in accordance with British Standard BS 7385: Part 2 – 1993 *Evaluation and Measurement of Vibration in Buildings*.

16. Dominion Road shall be re-surfaced with dense graded asphalt (or a similar surface with no lesser noise absorption characteristics) for noise purposes following the completion of the physical works included in stage PT2 of the designation.

Parking and Traffic

17. Prior to commencement of the physical works required by the designation, a traffic management plan shall be prepared for each phase of the work by a qualified traffic engineer and approved by the council.

18. In particular, prior to the commencement of any physical works on or for the Valley Road or Balmoral Road off-road deviations, Local Area Traffic Management Plans for each centre are to be prepared in consultation with the owners and occupiers of all properties abutting those deviations as part of the outline plan required by condition 6. Each Local Area Traffic Management Plan is to demonstrate how the works will be effectively and safely integrated with general traffic, parking, access, and is to include the form and location of any proposed passenger stations, and to provide for loading and pedestrian arrangements in each of the Valley Road and Balmoral Road centres. The Local Area Traffic Management Plans are to be independently assessed by a qualified traffic engineer prior to approval by the council.

19. Existing accesses, on-site parking and manoeuvring areas along the corridor which are directly affected by the works shall, as far as practicable, and in consultation with affected landowners, be reinstated or relocated by the Requiring Authority in accordance with Unitary Plan standards.

20. Access to properties on the western side of Dominion Road between Denbigh Avenue and the SH 20 motorway designation shall have legal access reinstated by the Requiring Authority by means of a suitably dimensioned and formed access way from Denbigh Avenue.

Structural Integrity

21. The structural integrity of buildings adjoining the PT 4 stage of the designation at 616 Dominion Road (being legally described as Lot 1 DP 59284, CT 14D/1376) shall not be compromised by the work in either of the construction or operational phases.

22. The structural integrity of buildings adjoining the PT 3 stage of the designation in the Eden Quarter at 296C Dominion Road (being legally described as Unit B7, UP 203741, CT 132B/399) shall not be compromised by the works in either of the construction or operational phases. This condition shall also apply to the building located at 256 Dominion Road. It shall further apply to the property known as the "Printers Building", located at 288 Dominion Road, in the event that the Requiring Authority determines that the "Printers Building" does not

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require total demolition.

Railway Linkage

23. The Requiring Authority will co-operate with the landowner and infrastructure owner of the rail corridors to ensure the integration of passenger transport route causes minimal interruption to the efficient planning and operation of those corridors.

Other

24. The period within which the designation shall lapse if not given effect to shall be 12 years from the date on which it is confirmed in accordance with s. 184(1)(c) of the Resource Management Act (1991).

26. Prior to the commencement of any physical works, the Requiring Authority shall obtain all relevant consents.

Advice Notes

1. The Requiring Authority shall obtain all other necessary consents and permits, and shall comply with all relevant council bylaws.

2. The Requiring Authority shall implement suitable arrangements for sediment control and stormwater treatment and detention as necessary in accordance with relevant council guidelines.

3. Under the Historic Places Act (1993) an authority to damage, modify, or destroy an archaeological site may be required from the NZ Historic Places Trust before any work takes place that would affect an archaeological site.

4. The Requiring Authority shall use its best endeavours to persuade utility service providers to underground their utility services along the length of the designated route. The Landscape Plan required by condition 10 should be used wherever possible as a means of implementing any plans to underground equipment and overhead lines. The Requiring Authority shall undertake cost sharing with the appropriate network utility operator in accordance with any agreement previously reached.

5. The Requiring Authority is to undertake investigations at the earliest opportunity into the implementation of 'Park and Ride' facilities in the vicinity of Dominion Road and to attend to the lodgement of a Notice of Requirement for the establishment of these facilities.

6. The Requiring Authority should ensure that no network utility operator's overhead lines or cables are installed on any catenary system which may be provided within the passenger transport route.

7. It is the Panel's opinion that when fully redeveloped for an enhanced passenger transport system, Dominion Road may not be a suitable through route for cyclists. In conjunction with the council the Requiring Authority should continue to examine the feasibility of providing improved routes for cyclists on local roads parallel to Dominion Road.

8. The Panel has the opinion that no passenger transport stations are to be located so as to prevent traffic turning movements at any road intersections along Dominion Road.

Attachments

No attachments.

1615 Road Widening - Sandringham Road

Designation Number	1615
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Requiring Authority	Auckland Transport
Location	60 and 64 Sandringham Road and 57-59 Walters Road, Sandringham
Rollover Designation	Yes
Legacy Reference	Designation D07-34, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. General

1.1 Except as modified by the conditions below, the works shall be undertaken in general accordance within the Notice of Requirement and its supporting documents, as follows:

- a. 'Sandringham Road Transport Corridor Upgrade - Notice of Requirement by the Auckland City Council Pursuant to Section 168A of the Resource Management Act 1991 and Assessment of Environmental Effects'; prepared for the Auckland City Council by Boffa Miskell Ltd and dated February 2009;
- b. The 'Sandringham Road Transport Corridor Upgrade Designation Drawings', prepared for the Auckland City Council by Opus Consultants Limited, being:
 - i. Sandringham Road Transport Corridor Upgrade Designation Plan, Reference 1/1071/313, Sheet 8, Revision RO, Plot Date 17/02/09;
 - ii. Land Required for Road Widening Purposes 60 & 64 Sandringham Road, Reference 1/1071/313, Sheet 9, Revision RO, Plot Date 13/02/09; and
 - iii. Land Required for Road Widening Purposes 57 & 59 Walters Road, Reference 1/1071/313, Sheet 10, Revision RO, Plot Date 17/02/09.

1.2 Where requested by affected property owners, the Requiring Authority shall physically peg out the extent of the alignment on individually affected properties.

1.3 The lapse period of this designation is 12 years from the inclusion of the designation in the Unitary Plan, in accordance with Section 184(1) of the Resource Management Act 1991.

2. Construction

2.1 Prior to commencement of works, the Requiring Authority is to prepare a Construction Management Plan ("CMP") to the satisfaction of the Auckland Council.

2.2 The CMP shall include specific details relating to the demolition, construction and management of all works, including:

- a. Details of the project manager, including their contact details (phone, mobile, postal address, email address);
- b. A construction programme of the works indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- c. Measures agreed by the Requiring Authority with the Eden Park Trust Board and/or its head contractor to avoid conflicts and constraints with the construction activity being undertaken at the Eden Park site. In the event of any disagreement over any such measures, those advanced by each party are to be submitted to the Auckland Council along with the draft CMP and the decision of the Auckland Council on any such measure shall be final;
- d. Any means of protection of services such as pipes and water mains within the road reserve;

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- e. Measures to be adopted to maintain all the land subject to the works in a tidy condition including disposal/storage of rubbish and storage and unloading of building materials;
- f. Procedures for controlling sediment run-off, in accordance with Auckland Council Technical Publication No 90, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days to ensure that there is no dust nuisance on any of the adjacent residential properties;
- g. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works;
- h. Means for ensuring the safety of the general public;
- i. Construction noise management measures to be employed to ensure compliance with NZS6802:1999, specifically addressing the following:
 - i. The construction sequence;
 - ii. Machinery and equipment to be used, including the use of non percussive machinery where practicable,
 - iii. Hours of operation, including times and days when noisy construction work would occur.
- j) Methods of managing the local and network wide effects of the construction on traffic, and including details of:
 - i. Traffic management measures to address and to maintain traffic flows on Sandringham Road and Walters Road;
 - ii. Methods to manage the effects of the delivery of construction material, plant and machinery;
 - iii. The numbers, frequencies and timing of construction traffic movements;
 - iv. Means by which access to private properties will be maintained during construction, or where necessary, means by which occupiers of affected properties will be notified of times and durations of temporary removal of access as a result of the works.
- k. As far as practicable, the CMP is to ensure that the vibration standards of the German Standard DIN 4150 will be met.
- l. The CMP shall detail communication protocols between the lead contractors for each of the Eden Park redevelopment and the Kingsland Railway Station upgrade to ensure that construction projects in the immediate area are managed so as to minimise disruption to those developments, the local community and transportation network.

2.3 A suitably experienced, Council approved arborist ("nominated arborist") shall be employed by the Requiring Authority to monitor, supervise and direct all works within the drip line or in the vicinity of those protected trees to be retained, for the duration of the works.

3. Property Amenity

3.1 The Requiring Authority shall prepare a Property Reinstatement Plan ("PRP") to the satisfaction of the Auckland Council showing detail of the replacement or reinstatement of the existing property features (including planting, walls, fences and driveways) on the affected properties (as described individually below). The PRP must be prepared in consultation with the affected property owners. The PRP must be implemented within 3 months of the widening works being completed on the affected properties.

3.2 The PRP must include the following:

- a. 57 Walters Road: reinstate driveway and vehicle access to Sandringham Road. Install new concrete block retaining wall with small basalt rock fascia (or similar) to tie to existing ground levels; install picket fence (1.2 m) on road frontage to tie with existing gate (relocated) and adjacent properties.
- b. 59 Walters Road: replace boundary fence with 1.8m close boarded fence and replant on site. Fence to be installed on top of concrete block retaining wall (with small basalt rock fascia). Planting to be comprised of an evergreen hedge of native (pb 3 grade), non-deciduous species, with specimen trees (approximately 5 trees at 45 litre pb size).
- c. 60 Sandringham Road: replace boundary wall and fence and provide screening planting. New concrete block retaining wall with small basalt rock fascia (or similar) as required; install picket fence (1.2 m) on top of wall on Sandringham road frontage and extend along Walters Road boundary; plant new hedge along Sandringham road frontage. Planting to be comprised of an evergreen hedge of native (pb 3 grade), non-deciduous species, with

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specimen trees (approximately 5 trees at 45 litre pb size).

d. 64 Sandringham Road: reinstate driveways, boundary fence and vehicle access to Sandringham Road and replant on site. New concrete block retaining wall with small basalt rock fascia (or similar) as required; install picket fence (1.2 m) on top of wall. Relocate existing vegetation onsite where appropriate. Planting behind new picket fence to be comprised of an evergreen hedge of native, non-deciduous species (pb 3 grade), with specimen trees (approximately 5 trees at 45 litre pb size).

e. The replacement of any plants or trees removed from the properties fronting Sandringham Road taking into account the following:

- i. Planting shall be predominantly indigenous species; and
- ii. Planting shall be designed and laid out, having regard to pedestrian safety, particularly in terms of visibility (particularly at night).

3.3 Notwithstanding condition 3.1, access to these properties (including vehicle access) shall be maintained at all times during the works.

3.4 Should the Requiring Authority in its discretion decide to relocate the villa at 60 Sandringham Road further back on its site, the extent of that relocation shall be limited to maintaining the same front yard area (the distance between the villa and the boundary of the site on Sandringham Road) that currently exists. The purpose of this is to maintain the heritage value of the relationship of the villa to the streetscape.

NB - For the purpose of clarity, condition 3.4 applies only if the Requiring Authority chooses to relocate the villa.

4. Consultation

4.1 The Requiring Authority shall invite the Eden Park Trust Board to discuss the timing of the designation works around major events held at Eden Park and to endeavour to undertake works adjacent to Eden Park in coordination with works occurring at Eden Park.

Advice Note

1. Traffic calming measures along Walters Road should be designed and located to ensure they do not create a trip hazard for people accessing and leaving Eden Park at the times of major events at the Park site.

Attachments

No attachments.

1616 Road Widening - Mt Eden Road

Designation Number	1616
Requiring Authority	Auckland Transport
Location	14-18 22, 26, 44-56, 43-81, 90, 94-96 Mt Eden Road and 2,3 Enfield Street, Mt Eden
Rollover Designation	Yes
Legacy Reference	Designation D08-33, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

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1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1617 Road Widening - Gillies Avenue

Designation Number	1617
Requiring Authority	Auckland Transport
Location	1 Gillies Avenue, Newmarket
Rollover Designation	Yes
Legacy Reference	Designation D09-25, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - south-west corner 3m from road boundary.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1618 Road Widening - Great South Road

Designation Number	1618
Requiring Authority	Auckland Transport
Location	2-236, 69-105, 242-248, 254-262, 272-280, 286-294 and 300-350 Great South Road, 1, 2 and 21 Otahuri Crescent, 1 Sunnyvale Road and 1 Mapau Road between Greenlane and Newmarket
Rollover Designation	Yes
Legacy Reference	Designation D09-29, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Building line for road widening - east side 2.7m from road boundary.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1619 Road Widening - Great South Road

Designation Number	1619
Requiring Authority	Auckland Transport
Location	1-21, 69-105, 421-485, 495-525, 535-555 and 575 Great South Road and 2-8 Manukau Road between Greenlane and Newmarket
Rollover Designation	Yes
Legacy Reference	Designation D09-30, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - west side 2.74m from road boundary.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1620 Eastern Transport Corridor

Designation Number	1620
Requiring Authority	Auckland Transport
Location	Orakei Point to Meadowbank, Glen Innes and Panmure
Rollover Designation	Yes
Legacy Reference	Designation D14-05, Auckland Council District Plan (Isthmus Section) 1999

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Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior
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Purpose

Eastern Transport Corridor.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 15 (fifteen) years after the date on which it is included in the Unitary Plan unless:
 - a. It is given effect to before the end of that period; or
 - b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
 - c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.
2. Prior to Auckland Transport undertaking any development on the Eastern Transport Corridor, Auckland Transport shall withdraw this designation and replace it with a new Notice of Requirement, which will provide full details of any proposal in accordance with section 168 of the Act. The Notice of Requirement will be publicly notified in accordance with the provisions of Part VIII of the Act.

Attachments

No attachments.

1621 Road Widening - Woodward Street

Designation Number	1621
Requiring Authority	Auckland Transport
Location	2-4 Woodward Street and 1081 New North Road , Waterview
Rollover Designation	Yes
Legacy Reference	Designation E04-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Description

Building line for road widening - 2.5m from road boundary.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1622 Car Park - New North Road

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Designation Number	1622
Requiring Authority	Auckland Transport
Location	984 New North Road, Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation E05-32, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Description

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1623 Car Park - New North Road

Designation Number	1623
Requiring Authority	Auckland Transport
Location	867C New North Road, Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation E05-33, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	15 years from being operative in Unitary Plan unless given effect to prior

Description

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

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Attachments

No attachments.

1624 Road Widening - New North Road

Designation Number	1624
Requiring Authority	Auckland Transport
Location	756-764 New North Road, Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation E06-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Description

Building line for road widening - west side 2.5m from road boundary.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1625 Car Park - Kitchener Road

Designation Number	1625
Requiring Authority	Auckland Transport
Location	12 Kitchener Road, Sandringham
Rollover Designation	Yes
Legacy Reference	Designation E06-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource

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Management Act; or

b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1626 Road Widening - Balmoral Road

Designation Number	1626
Requiring Authority	Auckland Transport
Location	34-36, 88-102, 104B, 108, 122-126, 132-138, 142-156, 218-230 Balmoral Road and 15 Douglas Road, Balmoral
Rollover Designation	Yes
Legacy Reference	Designation E07-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1627 Road Widening - Balmoral Road and Greenlane West

Designation Number	1627
Requiring Authority	Auckland Transport
Location	59 The Drive, Epsom
Rollover Designation	Yes
Legacy Reference	Designation E08-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That a landscape plan be submitted to the Council at the time of detailed design.

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2. The short term construction effects including noise, visual effects and dust effects be reduced through appropriate construction methods.

3. The term for implementation of this designation shall be 12 years from the inclusion of the designation in the Unitary Plan.

Attachments

No attachment.

1628 Car Park - Essex Road

Designation Number	1628
Requiring Authority	Auckland Transport
Location	4-8 Essex Road, Mt Eden
Rollover Designation	Yes
Legacy Reference	Designation E08-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1629 Car Park - Green Lane West

Designation Number	1629
Requiring Authority	Auckland Transport
Location	132 Green Lane West, Greenlane
Rollover Designation	Yes
Legacy Reference	Designation E10-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1630 Car Park - Clonbern Road

Designation Number	1630
Requiring Authority	Auckland Transport
Location	6 Clonbern Road, Remuera
Rollover Designation	Yes
Legacy Reference	Designation E11-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1631 Car Park - Remuera Road

Designation Number	1631
Requiring Authority	Auckland Transport
Location	539 Remuera Road, Remuera

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Rollover Designation	Yes
Legacy Reference	Designation E12-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1633 New Road - Tainui Road

Designation Number	1633
Requiring Authority	Auckland Transport
Location	1, 3, 32-66 and 59-59A Mountain Road, 474, 480-482, 486-492 and 510 Ellerslie-Panmure Highway, 5 and 7 Fraser Road, 1-21A, 2 and 21B Morrin Road, 39A-39B Tainui Road and 71, 130 and 140 Jellicoe Road, Point England
Rollover Designation	Yes
Legacy Reference	Designation E15-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Land required for regional road.

Conditions

1. That at the time of detailed design an assessment of environmental effects be undertaken to determine effects the work will have on the environment and the most appropriate means of mitigating these effects. (This assessment to include the protection of the geological and archaeological precinct surrounding Mt Wellington).
2. That as part of the future analysis of the eastern corridor the Council review this regional road designation with a view to avoiding or mitigating the potential effects on the Mt Wellington Domain and in recognition of concerns expressed by iwi.

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3. That consultation with iwi be undertaken as part of the review process at the time of detailed design.
4. That a landscape plan be submitted to the Council at the time of detailed design including fencing and planting which will be implemented at the boundary of the road effects and provide screening.
5. That vehicle access along Panmure Road, Mountain Road, Morrin Road, Tamaki Station Road and Tainui Road be maintained when construction is completed.
6. The short term construction effects including noise, visual effects and dust be reduced through appropriate construction methods.
7. The term for implementation of this designation shall be 12 years from the inclusion of the designation in the Unitary Plan.

Attachments

No attachments.

1634 Car Park - Stratton Lane

Designation Number	1634
Requiring Authority	Auckland Transport
Location	Stratton Lane, Glen Innes
Rollover Designation	Yes
Legacy Reference	Designation E15-10, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1636 Car Park - Rosebank Road

Designation Number	1636
Requiring Authority	Auckland Transport

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Location	59 Rosebank Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation F03-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1638 Road Widening - Tiverton Road

Designation Number	1638
Requiring Authority	Auckland Transport
Location	7 Tiverton Road, Blockhouse Bay
Rollover Designation	Yes
Legacy Reference	Designation F04-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

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1639 Road Widening - Owairaka Avenue

Designation Number	1639
Requiring Authority	Auckland Transport
Location	2-6 and 8-14 Owairaka Avenue and 1 Tyburnia Avenue, Owairaka
Rollover Designation	Yes
Legacy Reference	Designation F05-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 3m from road boundary.

Conditions

1. That the term for implementation of this designation be 15 years from the inclusion of the designation in the Unitary Plan, in accordance with Section 184 of the Resource Management Act 1991.
2. Auckland Transport, when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1640 Road Widening - Richardson Road and Stoddard Road

Designation Number	1640
Requiring Authority	Auckland Transport
Location	210-220 Richardson and 192-220 Stoddard Road, Hillsborough
Rollover Designation	Yes
Legacy Reference	Designation F05-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 6m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

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Attachments

No attachments.

1641 Car Park - Stoddard Road

Designation Number	1641
Requiring Authority	Auckland Transport
Location	219 Stoddard Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation F05-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1642 Road Widening - Mt Albert Road

Designation Number	1642
Requiring Authority	Auckland Transport
Location	167-169 and 179 Mt Albert Road, and 3 Owairaka Avenue, Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation F06-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 2.5m from road boundary.

Conditions

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1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1643 Road Widening - Mt Albert Road

Designation Number	1643
Requiring Authority	Auckland Transport
Location	181-245, 251, 259-335, 334A-340A, 346-352, 349-357, 356-368, 371A-457, 386-446, 448-536, 459A-649, 546-560, 590-620, 636, 644-650, 653-663, 660A, 664-668, 669-673, 670-684, 679-681, 688-698, 693-699, 707-711 and 717-725 Mt Albert Road, 685 Sandringham Road Extension, 1-1A May Road, 8-12 Mount Roskill Road, 1001, 1288C Dominion Road, 30 Erson Avenue, 18-18A Jasper Avenue, 1 and 2 Scout Avenue, 944 Mount Eden Road, 282 St. Andrews Road, 111 Pah Road and 704-717 Manukau Road
Rollover Designation	Yes
Legacy Reference	Designation F06-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 3m from road boundary.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.

2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with Section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1644 Road Widening - Mt Albert Road and Sandringham Road

Designation Number	1644
Requiring Authority	Auckland Transport
Location	250-252, 256 Mt Albert Road and 692 Sandringham Road, Sandringham
Rollover Designation	Yes
Legacy Reference	Designation F06-05, Auckland Council District Plan (Isthmus Section) 1999

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Purpose

Building line for Road Widening - 2.5m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1645 Car Park - Mt Albert Road

Designation Number	1645
Requiring Authority	Auckland Transport
Location	360-366 Mt Albert Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation F07-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:

- a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
- b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1646 Road Widening - Mt Eden Road

Designation Number	1646
Requiring Authority	Auckland Transport
Location	955-981 Mt Eden Road, Three Kings
Rollover Designation	Yes

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Legacy Reference	Designation F08-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 2m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1647 Road Widening - Great South Road

Designation Number	1647
Requiring Authority	Auckland Transport
Location	682-710, 726-740 Great South Road, east side, Penrose
Rollover Designation	Yes
Legacy Reference	Designation F11-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 4m from road boundary.

Conditions

1. That Auckland Transport (or any succeeding requiring authority) in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.

2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with Section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1648 Road Widening - Robert Street

Designation Number	1648
Requiring Authority	Auckland Transport
Location	1 Robert Street, Ellerslie

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Rollover Designation	Yes
Legacy Reference	Designation F11-23, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut off - 6m by 6m corner cut off.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1649 Road Widening - Morrin Street

Designation Number	1649
Requiring Authority	Auckland Transport
Location	41 Robert Street, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F11-24, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut off - 6m by 6m corner cut off.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1650 Car Park - Ladies Mile

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Designation Number	1650
Requiring Authority	Auckland Transport
Location	179-181 Ladies Mile, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F11-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1651 Car Park - Main Highway

Designation Number	1651
Requiring Authority	Auckland Transport
Location	132 Main Highway and 6 Arthur Street, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F11-27, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

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Attachments

No attachments.

1652 Road Widening - Ladies Mile

Designation Number	1652
Requiring Authority	Auckland Transport
Location	141 Ladies Mile, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F12-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening and corner cut off.

Conditions

1. That the term for implementation of this designation be 15 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1653 Road Widening - Main Highway

Designation Number	1653
Requiring Authority	Auckland Transport
Location	193-205 Main Highway south side and 2 Cawley Street, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F12-27, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	15 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - south side 4m from road boundary.

Conditions

1. That the term for implementation of this designation be 15 years from the inclusion of the designation in the

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Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1654 Road Widening - Wilkinson Road

Designation Number	1654
Requiring Authority	Auckland Transport
Location	24 Wilkinson Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F12-31, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut off - north east corner 6m by 6m corner cut off.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with Section 184 of the Resource Management Act 1991.

2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1655 Road Widening - Ellerslie Panmure Highway

Designation Number	1655
Requiring Authority	Auckland Transport
Location	341-357, 387-393, 406-424, 421-439, 456-470, 459 and 535 Ellerslie Panmure Highway, 1-1A Ferndale Road, 1 Barrack Road and 1 Harding Avenue
Rollover Designation	Yes
Legacy Reference	Designation F13-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Building line for road widening - 5m from road boundary.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly by this work.
2. That the term implementation of this designation be 12 years from inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1656 Road Widening - Lagoon Drive

Designation Number	1656
Requiring Authority	Auckland Transport
Location	7-27, 16-34 Lagoon Drive and 7-17 Queens Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F14-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 5m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1657 Road Widening - Mt Wellington Highway

Designation Number	1657
Requiring Authority	Auckland Transport
Location	39-87, 80, 114-170, 153-155, 214-258, 261-279, 289-301, 570, 576-590, 660-684 and 645 Mt Wellington Highway, 56 Panorama Road, 459 Ellerslie-Panmure Highway, 2 Hamlin Road, 3 and 7 Triangle Road and 2A Ryburn Road, Mt Wellington

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Rollover Designation	Yes
Legacy Reference	Designation F14-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 5m from road boundary.

Conditions

1. That Auckland Transport (or any succeeding requiring authority) in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly by this work.
2. That the term implementation of this designation be 12 years from inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1658 Car Park - Lagoon Drive

Designation Number	1658
Requiring Authority	Auckland Transport
Location	11-13 Lagoon Drive, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F14-21, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

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1660 Car Park - Pilkington Road

Designation Number	1660
Requiring Authority	Auckland Transport
Location	28-30 Pilkington Road. Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-31, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1661 Car Park - Lagoon Drive

Designation Number	1661
Requiring Authority	Auckland Transport
Location	32-34 Lagoon Drive Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-32, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice

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shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1662 Car Park - Kings Road

Designation Number	1662
Requiring Authority	Auckland Transport
Location	7 Kings Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-35, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1663 Car Park - Pilkington Road

Designation Number	1663
Requiring Authority	Auckland Transport
Location	7-13 Pilkington Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-36, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

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Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1664 Road Widening - Queens Road

Designation Number	1664
Requiring Authority	Auckland Transport
Location	136-140, 144-148, 150-154, 158-160 Queens Road north side, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-40, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - north side 5m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1665 Service Lane - Tripoli Road

Designation Number	1665
Requiring Authority	Auckland Transport
Location	144-160 Queens Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-41, Auckland Council District Plan (Isthmus Section) 1999

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior
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Purpose

Proposed service lane - 6m width.

Conditions

1. For those proposed service lanes abutting residential properties and open spaces areas, adequate fencing and screening be implemented to reduce any adverse effects.
2. Adequate vegetation and the use of devices such as speed humps be implemented along those service lanes that provide through routes between road, to reduce vehicle speed and prevent inappropriate use of the lane.
3. The term for implementation of the designation shall be within 12 years from the inclusion of the designation in the Unitary Plan.

Attachments

No attachments.

1666 Car Park - Richardson Road

Designation Number	1666
Requiring Authority	Auckland Transport
Location	580 Richardson Road, Hillsborough
Rollover Designation	Yes
Legacy Reference	Designation G06-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. Any new activities or works proposed to be carried out, or building to be erected, which are not in accordance with the designation shall be subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to Section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act; or
 - c. A resource consent application.

Attachments

No attachments.

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1667 Road Widening - Trafalgar Street

Designation Number	1667
Requiring Authority	Auckland Transport
Location	143 and 145 Trafalgar Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G09-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut off - 5m by 5m corner cutoffs.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1668 Road Widening - Manukau Road

Designation Number	1668
Requiring Authority	Auckland Transport
Location	722, 726-792 Manukau Road, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G09-39, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

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1669 Road Widening - Campbell Road

Designation Number	1669
Requiring Authority	Auckland Transport
Location	Campbell Road, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G09-42, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1670 Car Park - Manukau Road

Designation Number	1670
Requiring Authority	Auckland Transport
Location	760-770 Manukau Road
Rollover Designation	Yes
Legacy Reference	Designation G09-44, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

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No attachments.

1671 Road Widening - Mt Smart Road

Designation Number	1671
Requiring Authority	Auckland Transport
Location	1-5 Campbell Road and 802,810 Manakau Road, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G09-46, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation the Unitary Plan in accordance with section 184 of in the Resource Management Act 1991.

Attachments

No attachments.

1672 Road Widening - Symonds Street

Designation Number	1672
Requiring Authority	Auckland Transport
Location	118-126 Symonds Street, 725 Mount Albert Road and 17 Erson Avenue, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G09-47, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

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Attachments

No attachments.

1673 Road Widening - Manukau Road

Designation Number	1673
Requiring Authority	Auckland Transport
Location	802-810, 822 Manukau Road south of Mt Smart Road intersection, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G09-49, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1674 Road Widening - Mt Smart Road

Designation Number	1674
Requiring Authority	Auckland Transport
Location	415 Onehunga Mall, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G10-36, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut offs - 5m by 5m corner cut offs.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.

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2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1675 Road Widening - Great South Road

Designation Number	1675
Requiring Authority	Auckland Transport
Location	Great South Road, Penrose
Rollover Designation	Yes
Legacy Reference	Designation G12-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1676 Road Widening - Mt Wellington Highway

Designation Number	1676
Requiring Authority	Auckland Transport
Location	Mt Wellington Highway (adjoins No. 393), Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation G13-12, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 7.5m from southern boundary of Regional Road.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

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2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1677 Road Widening - Great South Road

Designation Number	1677
Requiring Authority	Auckland Transport
Location	950-952, 970-992, 998-1006, 1120, 514-540, 562-618, 791-793, 805, 851, 475-583, 617-649 Great South Rd and 2,10 Beatley Street, Penrose
Rollover Designation	Yes
Legacy Reference	Designation G13-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 5m from road boundary.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.

2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1679 Road Widening - Waipuna Road

Designation Number	1679
Requiring Authority	Auckland Transport
Location	57 Waipuna Road and 4 Carbine Road, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation G14-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - 5m from road boundary.

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Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport, when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1680 Car Park - Blockhouse Bay Road

Designation Number	1680
Requiring Authority	Auckland Transport
Location	580 Blockhouse Bay Road, Blockhouse Bay
Rollover Designation	Yes
Legacy Reference	Designation H04-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1681 Road Widening - Hillsborough Road

Designation Number	1681
Requiring Authority	Auckland Transport
Location	467 Hillsborough Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation H06-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Building line for corner cut offs.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1682 Road Widening - Hillsborough Road

Designation Number	1682
Requiring Authority	Auckland Transport
Location	427-433 Hillsborough Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation H06-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut offs.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1683 Road Widening - Selwyn Street

Designation Number	1683
Requiring Authority	Auckland Transport
Location	77 Selwyn Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H09-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Road widening.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1684 Pedestrian Accessway - Hill Street

Designation Number	1684
Requiring Authority	Auckland Transport
Location	47 Hill Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H09-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Pedestrian accessway.

Conditions

1. The term for implementation of this designation be within 15 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1685 Road Widening - Neilson Street

Designation Number	1685
Requiring Authority	Auckland Transport
Location	31-33, 35, 3, 39, 41, 45, 167-171, 270-274, 327, 333 and 343 Neilson Street, 8 and 10 Gloucester Park Road, 10 O'Rorke Street, 6-10 Selwyn Street and 9 Alfred Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H09-29, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Road widening.

Conditions

1. The building lines shall be in accordance with the modified plans identified as H09-29.
2. That the scheduled Italian cypress (668) located at 270 Neilson Street is to be replaced by a mature specimen tree of at least 4m in height at the time of planting. Before commencement of construction of the road widening, a landscaping plan giving details of the tree (showing the species, its location, size at time of planting, soil or growing medium depth and drainage) and also outlining a maintenance programme for the tree shall be submitted to the satisfaction of council. Planting of this tree shall be undertaken in accordance with the approved landscape plan during the first planting season after construction of the road widening commences.
3. Any existing parking, manoeuvring and planting areas which are affected by the proposed land take shall be relocated or reinstated in so far as is practicable and to the satisfaction of council.
4. That detailed plans of the proposed works are to be provided to the satisfaction of council at least two months prior to the commencement of construction. These plans shall clearly indicate where existing parking, manoeuvring and planting will be affected by the land take. The plans will also give details of any proposed relocation or reinstatement of parking, manoeuvring and planting areas. Within ten days of receipt of the plans council may request any reasonable changes to achieve the purpose of the requirement and with regard to the agreed conditions.
5. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the stormwater system. The location and specification of the sediment control device(s) shall be in accordance with Annexure 14 of the Auckland Council District Plan (Isthmus Section) 1999.
6. The term for implementation of this designation shall be 12 years from the inclusion of the designation in the Unitary Plan.

Advice Note

1. The Tranz Rail freight terminal is subject to an existing designation, "Auckland Freight Centre, Neilson Street vicinity". As such the council designation is to be identified as the later designation in the Unitary Plan. The provisions of Section 177 of the Resource Management Act (1991) apply accordingly.

Attachments

No attachments.

1686 Road Widening - Princes Street

Designation Number	1686
Requiring Authority	Auckland Transport
Location	24 Selwyn Street and 39-41 Princess Street, Onehunga
Rollover Designation	Yes

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Legacy Reference	Designation H10-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut offs - 3m by 3m corner cut offs.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1687 Car Park - Church Street

Designation Number	1687
Requiring Authority	Auckland Transport
Location	81-97 Church Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1688 Road Widening - Arthur Street

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Designation Number	1688
Requiring Authority	Auckland Transport
Location	119, 131-135, 151 Arthur Street and 250 Onehunga Mall, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-20, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - south side 3.05m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1689 Road Widening - Church and Galway Streets

Designation Number	1689
Requiring Authority	Auckland Transport
Location	130 Church Street and 115 Galway Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-28, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut offs - 3m by 3m cut offs.

Conditions

1. That the term for implementation of these designations be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

2. That the Church of Assumption building and surrounds located on the north-eastern corner be suitable protected during the construction of the designated work in direct consultation with the New Zealand Historic Places Trust.

Attachments

No attachments.

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1690 New Road - Onehunga Mall On Ramps

Designation Number	1690
Requiring Authority	Auckland Transport
Location	62-70 Onehunga Mall, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-32, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed motorway access ramps (State Highway 20), Gloucester Park.

Conditions

1. That Auckland Transport in designing the works have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1691 Car Park - Waiapu Lane

Designation Number	1691
Requiring Authority	Auckland Transport
Location	1 Waiapu Lane, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-34, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the

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provisions of section 181(3) of the Act.

Attachments

No attachments.

1692 Car Park - Waller Street

Designation Number	1692
Requiring Authority	Auckland Transport
Location	9-21 Waller Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-35, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1693 Car Park - Waller Street

Designation Number	1693
Requiring Authority	Auckland Transport
Location	3 Payne Lane and 45 Waller Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-36, Auckland Council District Plan (Isthmus Section) (1999)
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

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1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:

- a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
- b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1694 Service Lane - Waller Street

Designation Number	1694
Requiring Authority	Auckland Transport
Location	3 Paynes Lane, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-45, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed service lane.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 12 (twelve) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1695 Road Widening - Neilson Street

Designation Number	1695
Requiring Authority	Auckland Transport
Location	175-243 Neilson St (south side), Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-50, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Building line for road widening.

Conditions

1. The building line shall be in accordance with the diagram.
2. Prior to construction of the road widening, a landscape plan shall be submitted for the written approval of the council. This will address in detail the mitigation required for the effects of the designation upon the pohutukawa tree on the north east corner of Waikaraka Park, the 21 trees on the playing fields and 10 smaller trees on the practice fields and the group of trees on the corner of the 249 Neilson Street property.
3. That detailed plans of the proposed demolition, reconstruction and supervision of the scheduled Neilson Street, Waikaraka Park historic wall, including the heritage impact upon the inner wall and the caretaker's house on the corner of Neilson Street and Captain Springs Road, are to be provided for the written approval of council prior to the commencement of works. Such plans and the construction methods shall ensure the general appearance and the scale of the historic walls are maintained.
4. That detailed plans of the proposed works are to be provided for the written approval of the council prior to the commencement of construction. These plans shall clearly indicate where existing parking, manoeuvring and planting will be affected by the land take. The plans will also give details of any proposed relocation or reinstatement of parking, manoeuvring and planting areas.
5. Any stormwater run-off arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the stormwater system. The location and specification of the sediment control device(s) shall be in accordance with the Unitary Plan.
6. The term for implementation of this designation shall be 12 years from the inclusion of the designation in the Unitary Plan.

Advice Note

1. The main trunk sewer runs adjacent and parallel to the area for road widening. Prior to undertaking works in the designated area, Watercare Services Limited shall be notified and the sewer protected from damage by the proposed works. This is required under s. 39 of the Auckland Metropolitan Drainage Act (1960).

Attachments

No attachments.

1696 New Road - Miami Parade

Designation Number	1696
Requiring Authority	Auckland Transport
Location	13 Miami Parade and 69 Captain Springs Road, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H11-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Proposed road.

Conditions

1. That the road be built in accordance with the modified designation.
2. That construction of the road and the road as completed do not encroach into the coastal marine area.
3. That means of mitigating any adverse effects on the coastal marine area be incorporated into the final design of the road.
4. That a landscape plan incorporating planting to reduce visual effects of the road on the coastal environment be submitted to the Council at the time of detailed design.
5. The term for implementation of this designation shall be 12 years from the inclusion of the designation in the Unitary Plan in accordance with Section 184 of the Resource Management Act.

Attachments

No attachments.

1697 Road Widening - Captain Springs Road

Designation Number	1697
Requiring Authority	Auckland Transport
Location	153, 156A Captain Springs Road and 231-241, 252, 253-259 Church Street, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H11-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening and corner cut off.

Conditions

1. That the term for implementation of those designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1698 Service Lane - Captain Springs Road

Designation Number	1698
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Requiring Authority	Auckland Transport
Location	233-237,245 Church Street, Te Papapa
Rollover Designation	Yes
Legacy Map Reference	Designation H11-12, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed service lane - 6m width.

Conditions

1. Activities shall be in accordance with the development controls in the Unitary Plan.
2. For those proposed service lane abutting residential properties and open space areas, adequate fencing and screening be implemented to reduce any adverse effects.
3. Adequate vegetation and the use of devices such as speed humps be implemented along those service lanes that provide routes between roads, to reduce vehicle speed and prevent inappropriate use of the lane.
4. The term for implementation of the designation shall be 12 years from the inclusion of the designation in the Unitary Plan.

Attachments

No attachments.

1699 New Road - Pukemiro Street

Designation Number	1699
Requiring Authority	Auckland Transport
Location	57 Angle Street, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H11-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed road.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

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2. Activities shall be in accordance with the development controls of the Unitary Plan.

Attachments

No attachments.

1700 New Road - Captain Springs Road

Designation Number	1700
Requiring Authority	Auckland Transport
Location	60 and 69 Captain Springs Road and and 13 and 59 Miami Parade, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H11-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed roading network.

Conditions

1. Means of mitigating adverse effects on the coastal marine area to be incorporated at the time of detailed design.
2. A detailed landscape plan be submitted to the Council at the time of detailed design.
3. Activities shall be in accordance with the development controls of the Unitary Plan.
4. The term for implementation of these designations shall be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act.

Attachments

No attachments.

1701 New Road - Manukau Esplanade

Designation Number	1701
Requiring Authority	Auckland Transport
Location	59 Miami Parade, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H11-18, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Proposed Road.

Conditions

1. That construction of the road and the road as completed does not impact adversely on the Manukau Harbour or coastal environment.
2. That means of mitigating any adverse effects on the coastal environment be incorporated in to the final design of the road.
3. That a landscape plan incorporating planting to reduce visual effect of the road on the coastal environment be submitted to the council at the time of detailed design.
4. The term for implementation of the designation shall be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act.
5. Prior to giving effect to the designation, a site investigation shall be undertaken to determine the extent, if any, of contaminated soils within the construction footprint of the road. Where this investigation identifies any contaminated soils, a contamination management plan shall be submitted to council for approval. The contamination management plan must contain details of the measures to be implemented during construction and operation of the road to avoid and mitigate adverse effects on the surrounding environment.

Attachments

No attachments.

1702 Road Widening - Neilson Street and Angle Street

Designation Number	1702
Requiring Authority	Auckland Transport
Location	273, 287, 291-305 Neilson Street and 2 Angle Street, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H11-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening and corner cut off - 2.45m from road boundary and 5m by 5m corner cut off on both corners of Angle Street.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications in any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

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No attachments.

1703 Road Widening - Church Street

Designation Number	1703
Requiring Authority	Auckland Transport
Location	365-381, 340-396 Church Street and 2 Beasley Avenue, Southdown
Rollover Designation	Yes
Legacy Reference	Designation H12-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - both sides 2.74m from road boundary.

Conditions

1. That Auckland Transport in designing the works will have regard to the implications on any scheduled or protected item under the Unitary Plan directly affected by this work.
2. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1704 Car Park - Atkinson Avenue

Designation Number	1704
Requiring Authority	Auckland Transport
Location	89 Atkinson Avenue, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice

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shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act..

Attachments

No attachments.

1705 Car Park - Mason Avenue

Designation Number	1705
Requiring Authority	Auckland Transport
Location	21-25 Mason Avenue, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:
 - a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
 - b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1706 Car Park - Hall Avenue

Designation Number	1706
Requiring Authority	Auckland Transport
Location	35-39 Hall Avenue and 28-34 Mason Avenue, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-09, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of

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either:

- a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
- b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1707 Road Widening - Atkinson Avenue

Designation Number	1707
Requiring Authority	Auckland Transport
Location	1-23, 31-79, 89-135, 2-20, 28-60, 62-82 Atkinson Avenue, 4-12, 16 Portage Road and 1 Luke Street, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-20, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for road widening - both sides 3m from road boundary.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1708 Service Lane - Station Road to Huia Road

Designation Number	1708
Requiring Authority	Auckland Transport
Location	259-287 Great South Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed service lane.

Conditions

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1. The term for implementation of this designation be 15 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1709 Service Lane - Station Road to Mason Avenue

Designation Number	1709
Requiring Authority	Auckland Transport
Location	10-18 Station Road, 5-7 Mason Avenue and 303-337, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-27, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed service lane.

Conditions

1. The term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.

Attachments

No attachments.

1710 Car Park - High Street

Designation Number	1710
Requiring Authority	Auckland Transport
Location	12-16 High St, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-31, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:

a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or

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b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

1711 Road Widening - Walmsley Road and Mangere Road

Designation Number	1711
Requiring Authority	Auckland Transport
Location	83 Walmsley Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J13-08, Auckland City Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Building line for corner cut off.

Conditions

1. That the term for implementation of this designation be 12 years from the inclusion of the designation in the Unitary Plan in accordance with section 184 of the Resource Management Act 1991.
2. Auckland Transport when designing the works will have regard to any scheduled or protected item directly affected by the works.

Attachments

No attachments.

1712 Car Park - Victoria Street

Designation Number	1712
Requiring Authority	Auckland Transport
Location	1 Victoria Street (cnr Park Avenue), Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J14-21, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Council car park.

Conditions

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1. All activities, works and buildings not fully described in the notice of requirement shall be the subject of either:

- a. A new notice of requirement, which shall be publicly notified pursuant to section 168 of the Resource Management Act; or
- b. A notice to alter the designation pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and affected persons agree in accordance with the provisions of section 181(3) of the Act.

Attachments

No attachments.

South

Designation Schedule - Auckland Transport (3/3)

South

Number	Description	Location
1800	Road widening	542 and 568 Ormiston Road, Flat Bush
1801	Road widening	1 Kerr Road, Manukau Central
1802	Road widening	128 Ormiston Road, Flat Bush
R1803	Mahia Road widening ...	Mahia Road, Manurewa
R1804	Public off-street parking ...	143 Pakuranga Road, Pakuranga
1805	Car park and service lane	25A Parkhill Road and 20, 24 Uxbridge Road, Howick
1806	Road widening	109 and 129 Beachlands Road, 373, 460, 465, 469, 482, 492, 509, 529, 533, 600, 601-605, 639, 645-651, 650, 691, 702, 712, 722, 732, 746, 751, 758, 770, 781, 824, 830, 855, 865-867 and 897 Whitford-Maraetai Road and 49 and 110A Jack Lachlan Drive, Whitford (Stages 5, 6 and 7)
1807	New road (Whitford Bypass)	40, 51, 54, 58, 83, 133, 172, 173, 201, 227, 231, 230, 232, 238, 250, 257, 284, 330, 371, 374, 376 and 385 Whitford Park Road, 2, 21, 35, 91, 97, 101 and 401 Trig Road, 18, 24 and 30 Saleyard Road, 500 Brookby Road, 53 Polo Lane, 1 and 2 Turanga Road, 49 Clifton Road and 46, 53R, 104R, 109, 130, 150, 186, 299, 373 and 404 Whitford-Maraetai Road (Stages 1, 2, 3 and 4)
1808	Road widening	Ormiston Road and Chapel Road, Flat Bush
1809	Road widening	2, 5, 17, 22-38, 47-59, 56-60 and 67 Allens Road, 3-9 Smales Road, 1 and 2 Harris Road, 2 Ross Reid Place and 61 Sir William Avenue, East Tamaki
1810	Car parking asset	24 Hall St, Pukekohe
R1811	Public off-street parking ...	27 Moore Street, Howick
R1812	Public off-street parking ...	4 Tobin Street, Pukekohe
R1813	Public off-street parking ...	21 Wallace Road, Papatoetoe

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R1814	Public off-street parking ...	9 Osterley Way, Manukau Central
R1815	Public off-street parking ...	6 Butler Avenue, Papatoetoe
R1816	Public off-street parking ...	27 Charles Street, Paptoetoe
R1817	Public off-street parking ...	2 Davies Avenue, Manukau
R1818	Public off-street parking ...	139 Kolmar Road, Papatoetoe
R1819	Public off-street parking ...	41 Moore Street (Fencible Drive), Howick
R1820	Public off-street parking ...	1-13 Maich Road, Papkura
R1821	Public off-street parking ...	26-32 O'Shannessy Street, Papakura
R1823	Public off-street parking ...	37 Coles Crescent, Papakura
R1824	Public off-street parking ...	15 Eric Baker Place, Paptoetoe
R1825	Public off-street parking ...	1R Newbury Street, Otara
R1826	Public off-street parking ...	129 Kew Lane, Otara
R1827	Public off-street parking ...	21 Shirley Road, Papatoetoe
R1828	Public off-street parking ...	9 Wellington Street (Picton Street), Howick
R1829	Public off-street parking ...	7 Massey Avenue, Pukekohe
R1830	Public off-street parking ...	4 Wellington Street, Howick
R1831	Public off-street parking ...	1-49 Waddon Place and 121 Bader Drive, Mangere
R1832	Public off-street parking ...	Constable Road (corner King Street), Waiuku
1833	Road widening	Flat Bush School Road and Murphys Road, Flat Bush

1800 Road Widening - Ormiston Road

Designation Number	1800
Requiring Authority	Auckland Transport
Location	542 and 568 Ormiston Road, Flat Bush
Rollover Designation	Yes

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Legacy Reference	Designation 238, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	5 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1801 Road Widening - Kerr Road

Designation Number	1801
Requiring Authority	Auckland Transport
Location	1 Kerr Road, Manukau City Centre
Rollover Designation	Yes
Legacy Reference	Designation 239, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	5 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1802 Road Widening - Ormiston Road

Designation Number	1802
Requiring Authority	Auckland Transport
Location	128 Ormiston Road, Flat Bush

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Rollover Designation	Yes
Legacy Reference	Designation 250, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	5 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- It is given effect to before the end of that period; or
- The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

R1803 Road - Mahia Road

Designation Number	R1803
Requiring Authority	Auckland Transport
Location	Mahia Road, Manurewa
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	20 years from inclusion in the operative Unitary Plan unless given effect to prior

Purpose

AUCKLAND TRANSPORT (an Auckland Council Controlled Organisation) as Requiring Authority under section 167 of the Resource Management Act 1991 gives notice of a requirement for a designation in the Auckland Council Unitary Plan for works being the Mahia Road widening to be shown as 'Road Purposes' along Mahia Road, Manurewa.

The widening of Mahia Road is necessary to future proof this corridor of the transport network for additional traffic, public transport, freight, and walking and cycling movements.

This Notice of Requirement (NoR) relates to Mahia Road, between Great South Road and the Weymouth Road Roundabout, and requires the acquisition of privately owned frontage for future road construction.

The nature of the works proposed in to this NoR include the construction, operation and maintenance of Mahia Road and intersecting roads, ancillary works including vegetation removal, stormwater treatment, relocation of services, earthworks, environmental restoration (e.g. planting) temporary construction and storage areas and other ancillary activities associated with the road widening works.

Conditions

1. Prior to the commencement of the physical works, Auckland Transport as Requiring Authority shall prepare

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and submit to Auckland Council as consent authority an Outline Plan of Works pursuant to section 176A of the Resource Management Act 1991.

2. The scope and extent of the works envisaged within the designations shall be in accordance with the Notice of Requirement and the plans submitted with the Notice of Requirement for Mahia Road and subject to any modification required to comply with the conditions set out below.

3. Land taken or held for the works shall be maintained to a reasonable standard until the physical works commence and for the duration of the construction works.

4. At all times, reasonable access shall be maintained from the roading network to all private properties during normal business hours whether a property is directly affected or not by the construction and operation works occurring. This shall be a requirement clause in all contracts awarded for the works.

5. All traffic control measures shall conform to the current version, at the time of construction, of the Transit New Zealand manual entitled "Code of Practice for Temporary Traffic Control". A Traffic Management Plan shall be prepared by the Contractor covering traffic control within the affected areas and the maintaining of access to properties during normal business hours.

6. All necessary and practicable steps are to be taken to avoid damage to other utility services, the roading network, or private property.

7. Road construction works are to be undertaken in a manner which ensures that the land on adjoining properties remain stable at all times.

8. Control measures shall be in place to ensure that any trucks do not deposit soil or other debris on public roads or on private land. Any such material deposited on any public road or private property shall be cleaned up immediately at the Requiring Authority's expense.

9. All earthworks on the designated land are to be undertaken in a manner so as to minimise 'dust' or 'soil erosion/siltation' beyond the boundary of the site, which in the opinion of an enforcement officer who is employed by the Council, might be objectionable, offensive or have the potential to create an adverse effect on the receiving environment.

10. The Requiring Authority shall submit a Construction Noise and Vibration Management Plan (CNVMP) as part of the OPW.

a. The CNVP must address:

- i. Construction sequence;
- ii. Machinery and equipment to be used, including the use of non-percussive machinery where practicable;
- iii. Hours of operation, including times and days when noisy construction work will occur;
- iv. The design of noise mitigation measures such as temporary barriers or enclosures;
- v. Construction noise limits for specific areas;
- vi. Methods for monitoring and reporting on construction noise; and
- vii. Methods for receiving and responding to complaints about construction noise.

b. The CNVMP must refer to vibration management measures and must address the following aspects:

- i. Vibration monitoring measures;
- ii. Vibration criteria;
- iii. Possible mitigation measures;
- iv. Complaint response;
- v. Reporting procedures;

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- vi. Vibration testing of equipment to confirm vibration predictions;
- vii. Location for vibration monitoring when construction activities are adjacent to critical buildings;
- viii. Operational times; and
- viii. Preparation of building condition reports on critical buildings that maybe required prior to, during and after completion of works.

11. The Requiring Authority shall liaise with affected Utility Operators with respect to the relocation and upgrading of existing services within the area affected by the NoR.

12. All road stormwater drainage systems shall be designed in accordance with Auckland Councils Engineering Quality Standards.

13. Any required bus stops affected by the proposed work shall be provided in accordance with Auckland Council's Bus Stop, Bus Shelter Policy and Guidelines. Bus stops shall be constructed to comply with Auckland Council Engineering Quality Standards. Locations shall be shown on the OPW.

14. Street lighting shall be provided in compliance with the Auckland Council Public Lighting Design Standard.

15. The Requiring Authority shall submit a Landscape Mitigation Plan as part of the OPW. The Plan will provide for the identification of existing trees and vegetation affected by the proposed works which, where practicable, are to be retained. These trees will be protected during the construction programme.

- a. Where existing landscaping is impacted by the proposed road works a detailed landscaping plan will be prepared for each property along the route in consultation with each property owner. The Plan will have regard to the quality and quantity of any existing landscaping and will provide for:
- i. A schedule of species to be planted, including botanical name, average plant size at time of planting and average mature height;
 - ii. The timing of planting which could, in consultation with landowners, include opportunities for early planting;
 - iii. Replacement fencing, walling and boundary planting, which should be appropriately determined after discussion with individual landowners.

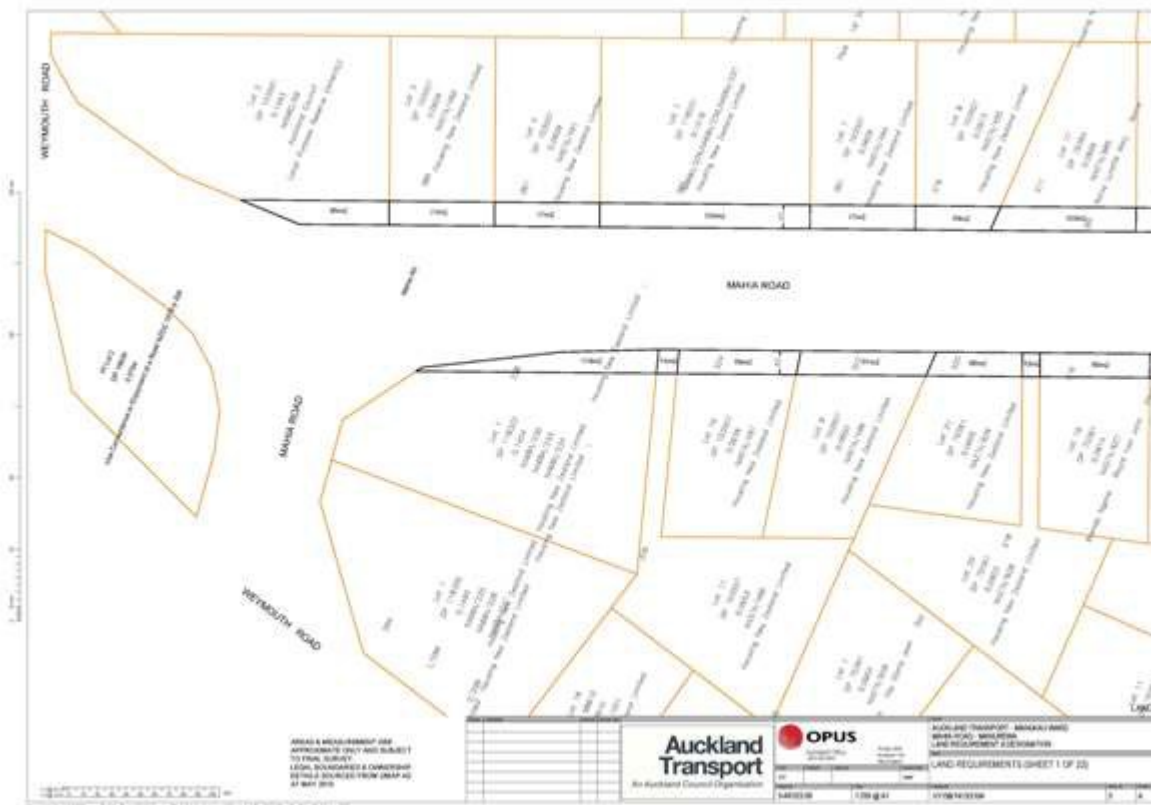
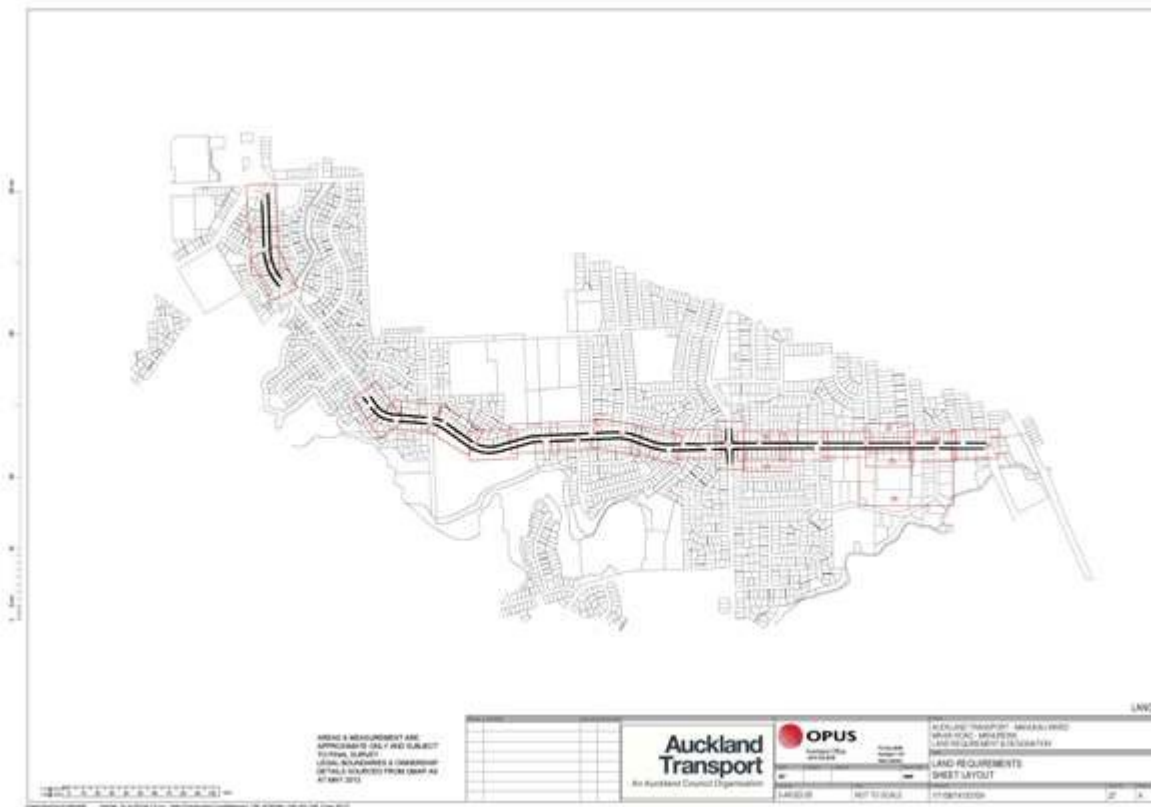
b. All landscape mitigation planting shall be implemented no later than in the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity.

16. Before any physical work is commenced the requiring authority and the contractor working in that area shall ensure that the owners of all affected properties are notified in writing advising them of the development in general, its expected duration, the times at which it will be undertaken, and the name of a responsible person with whom the owners or occupiers can liaise if the need arises.

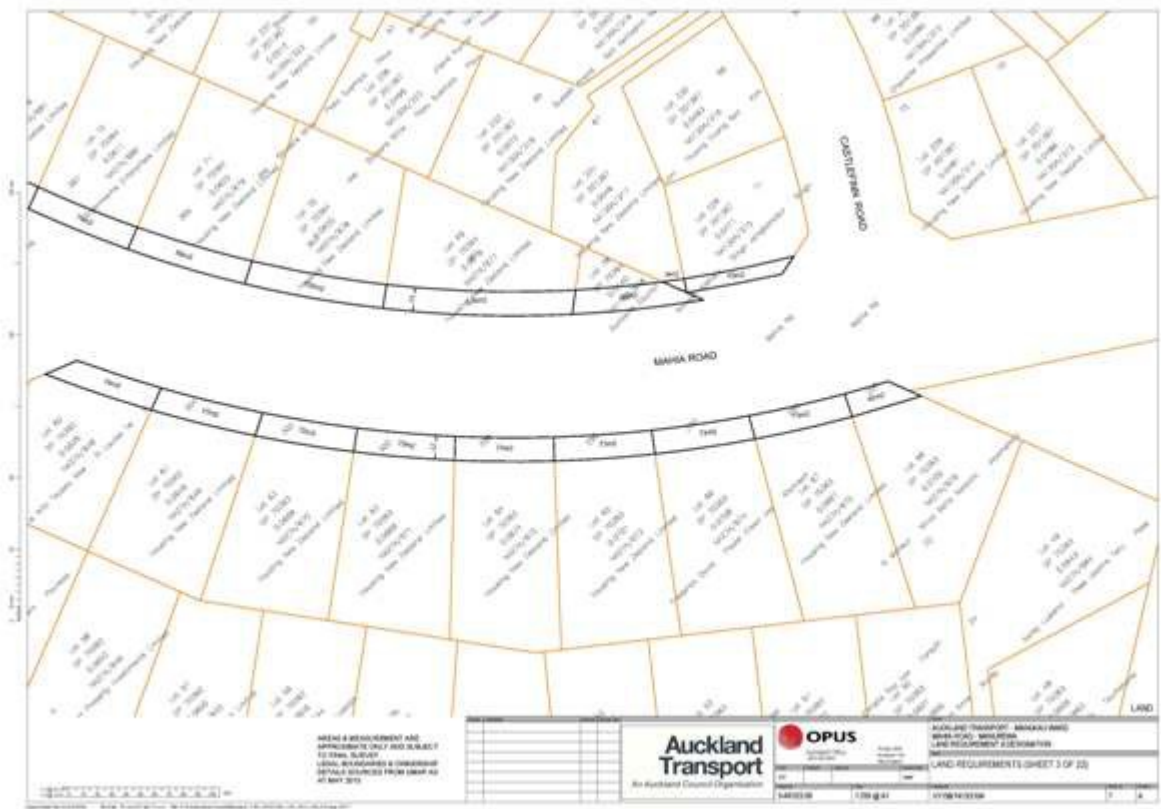
Attachments

Land Requirements Plans

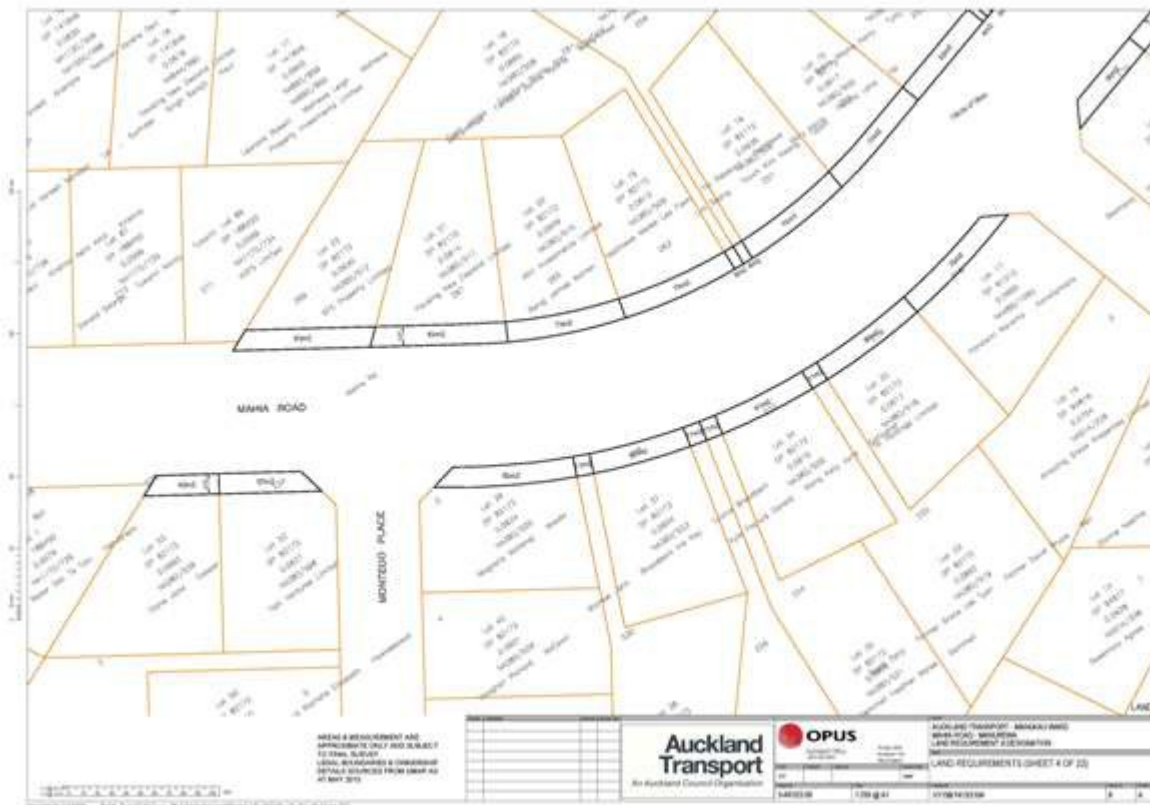
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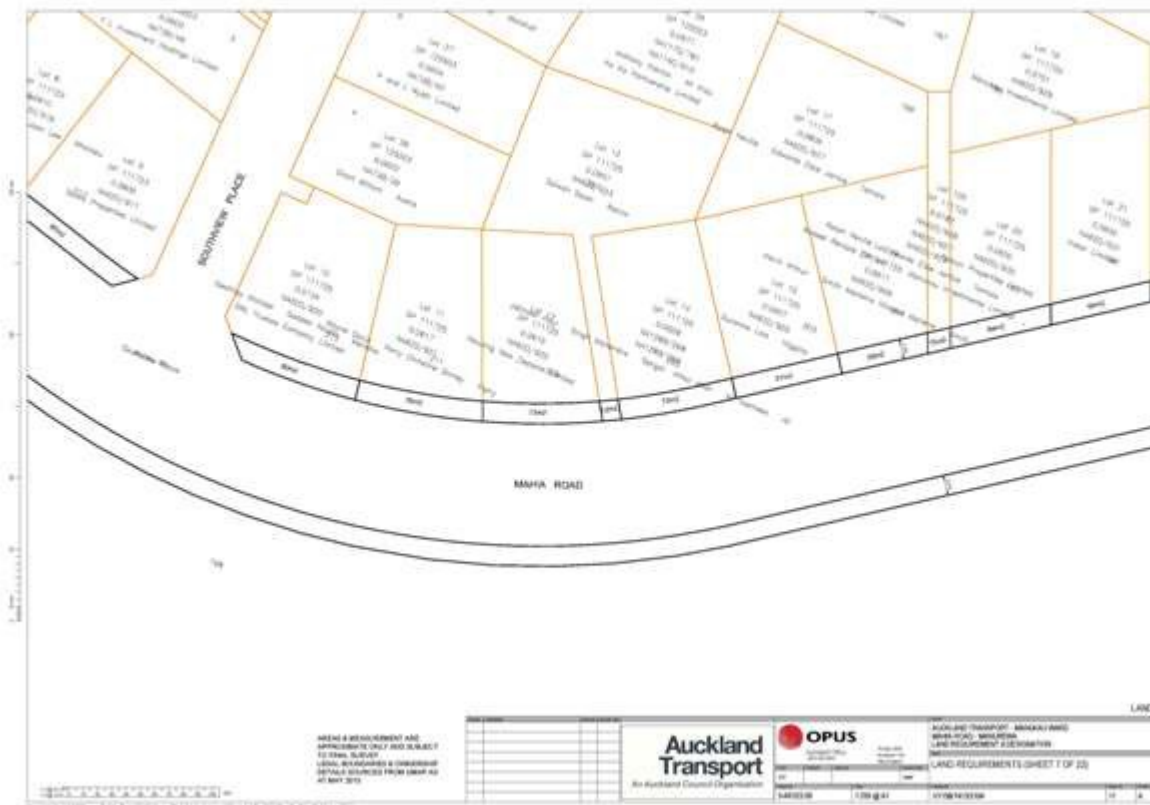
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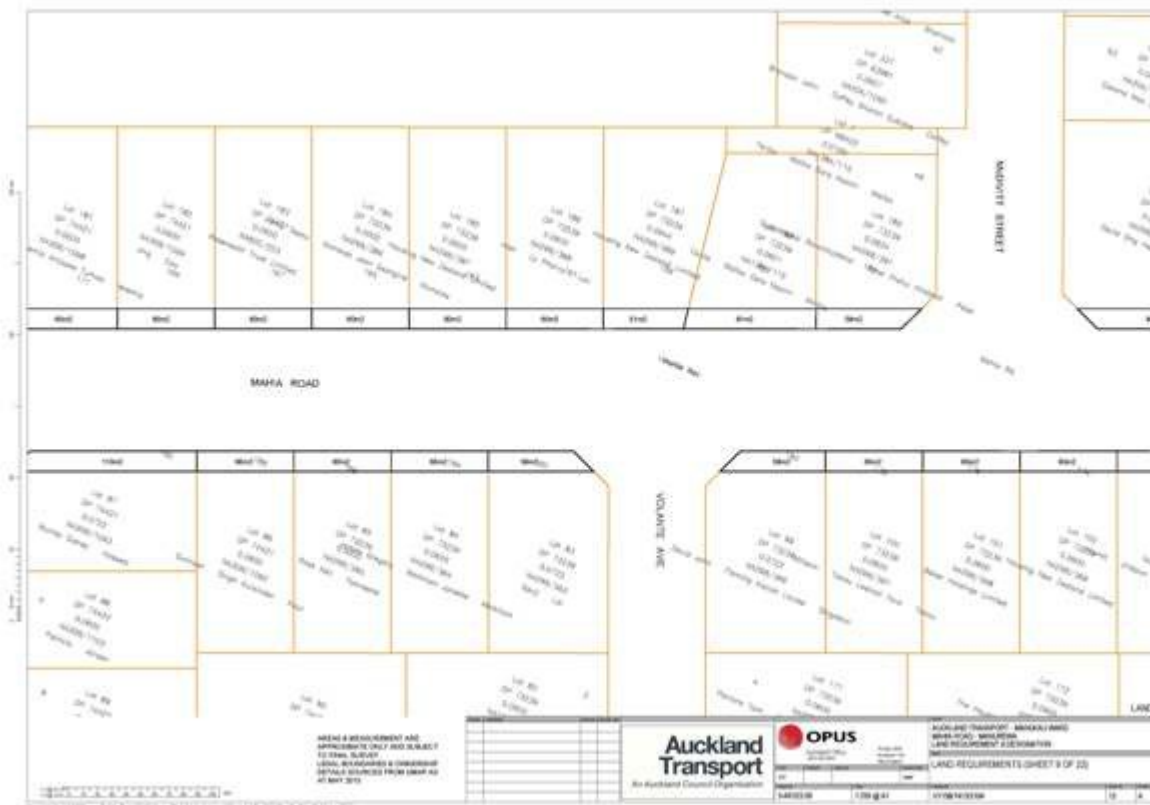
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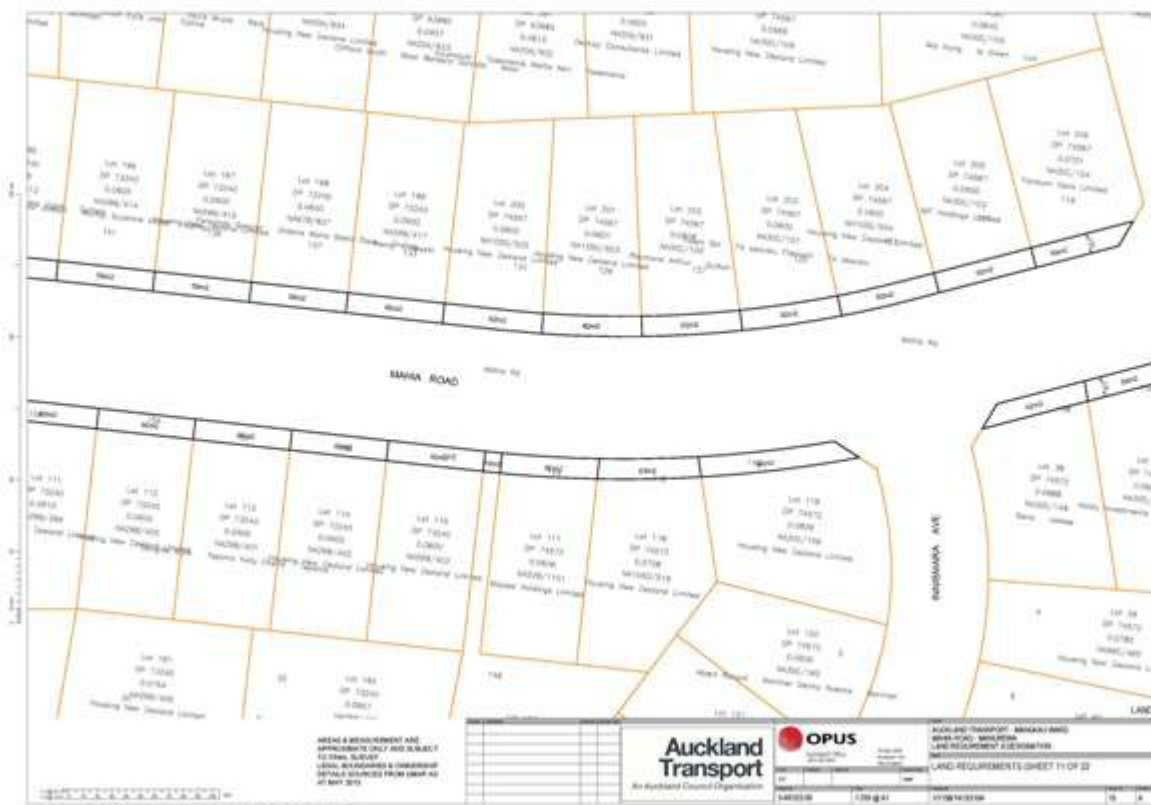
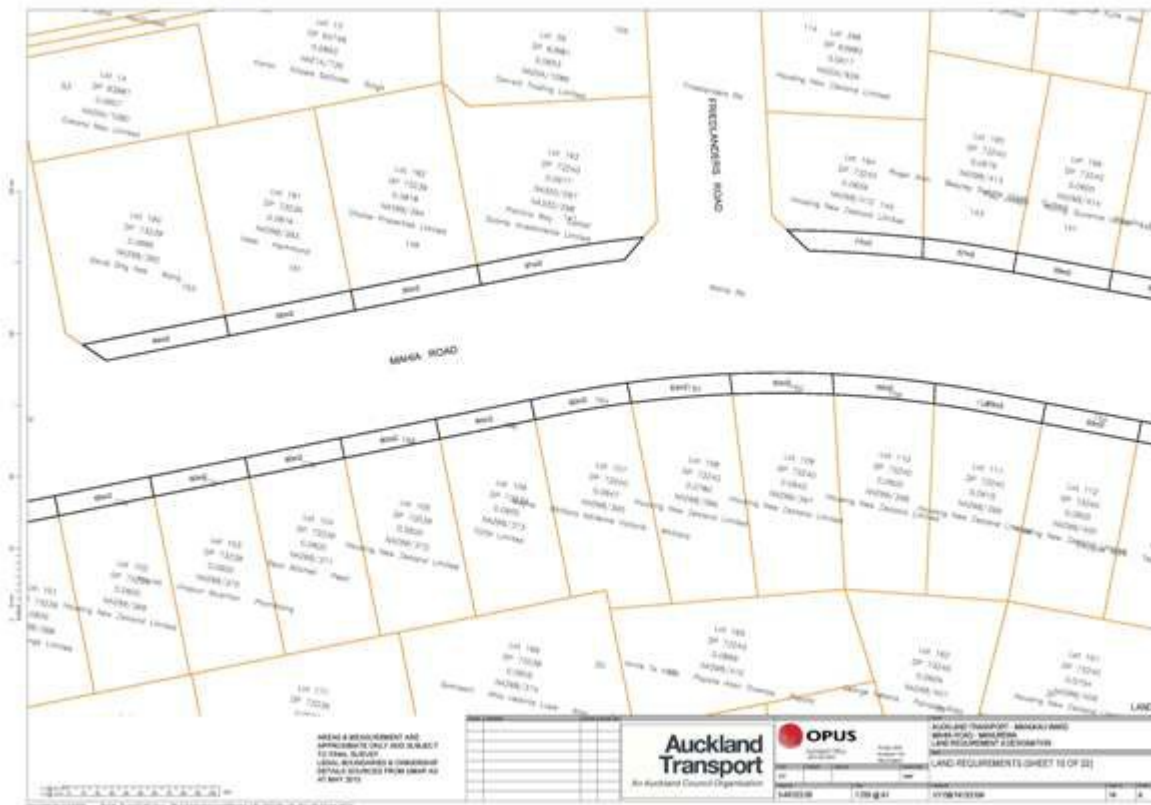
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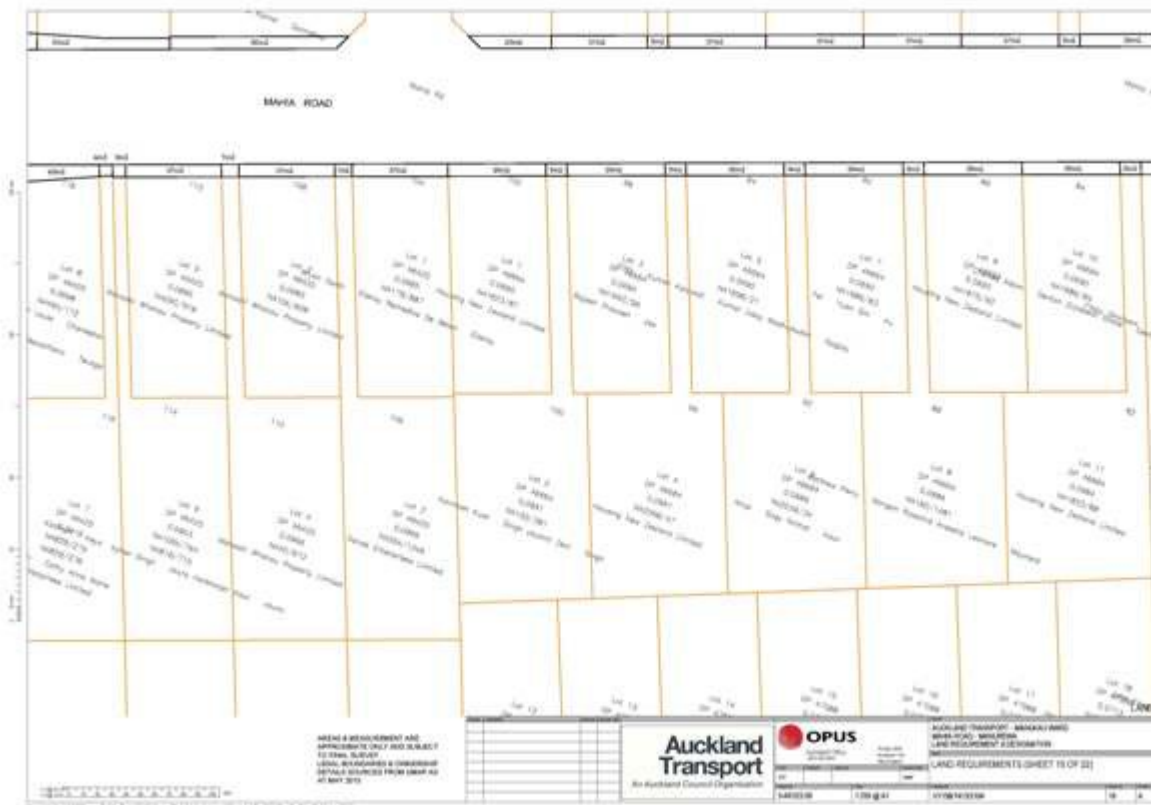
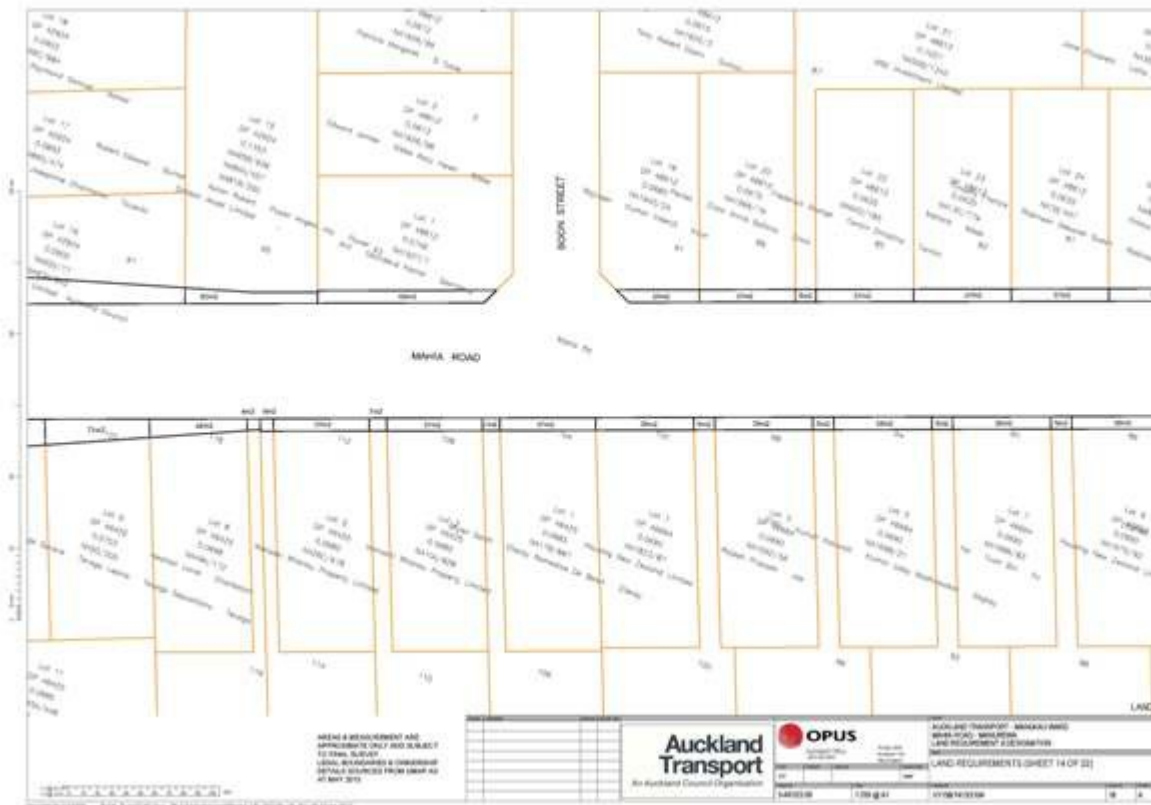
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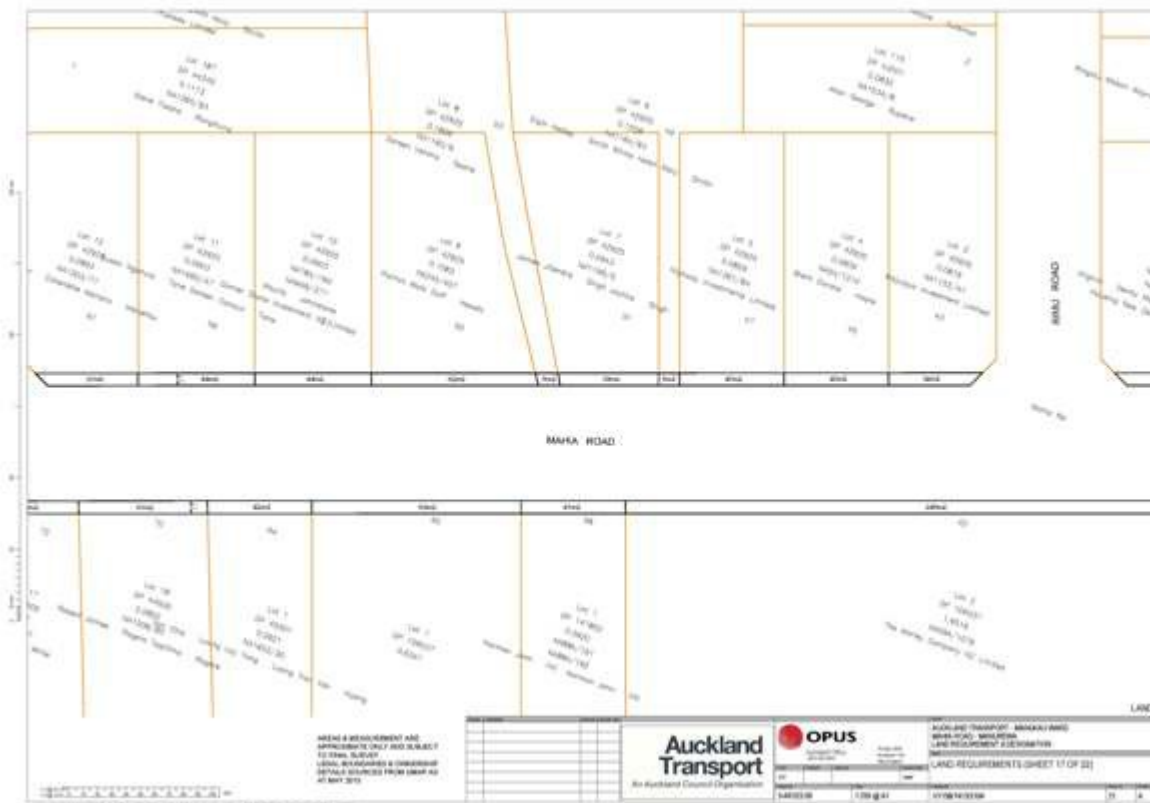
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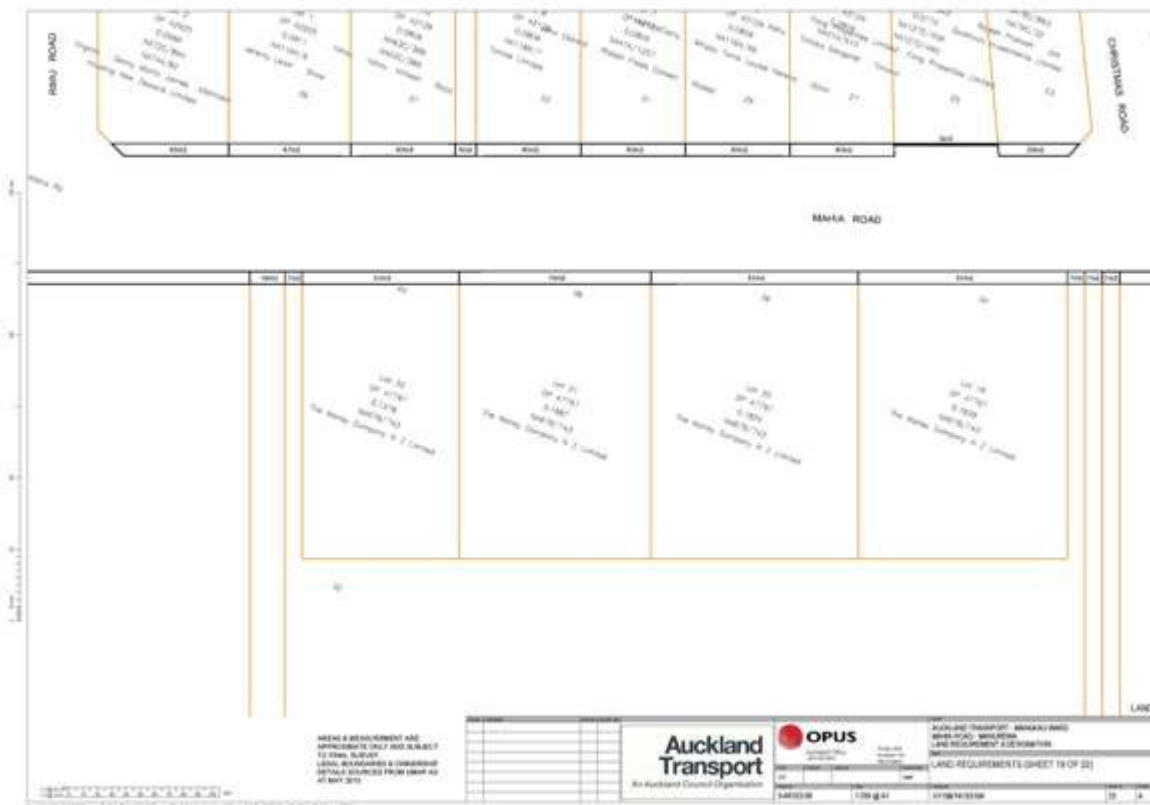
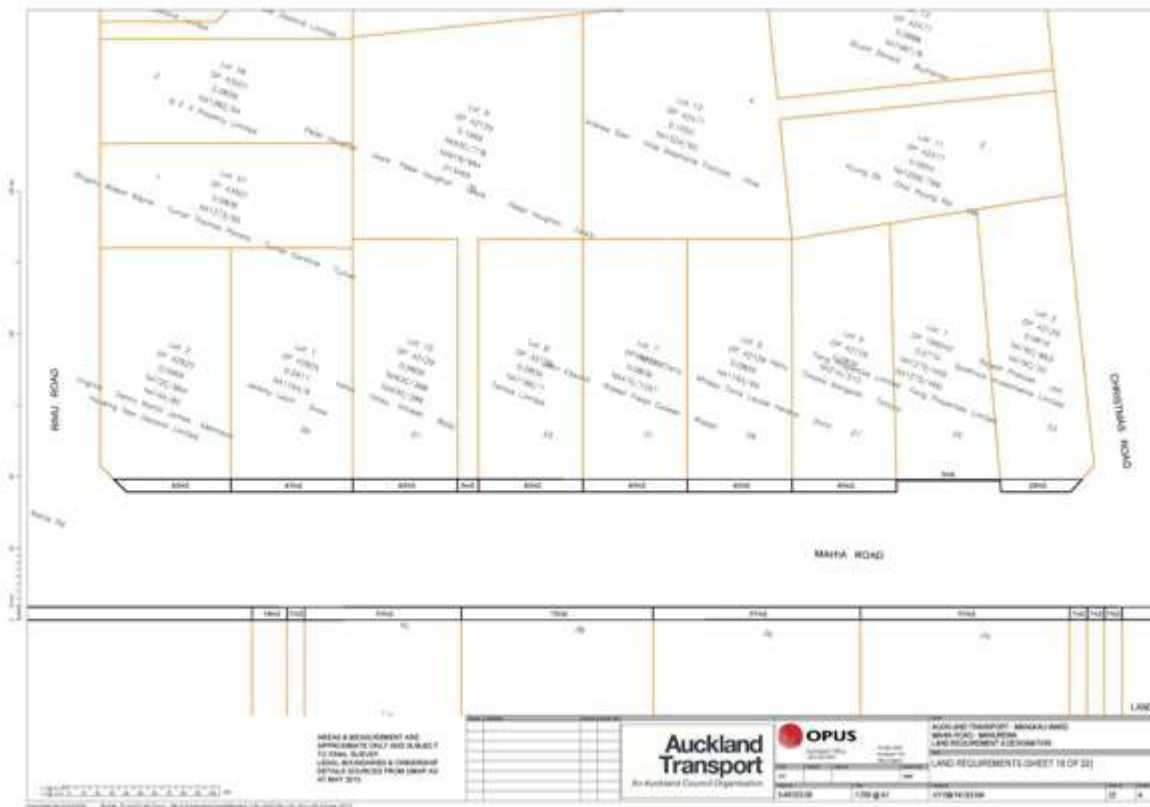
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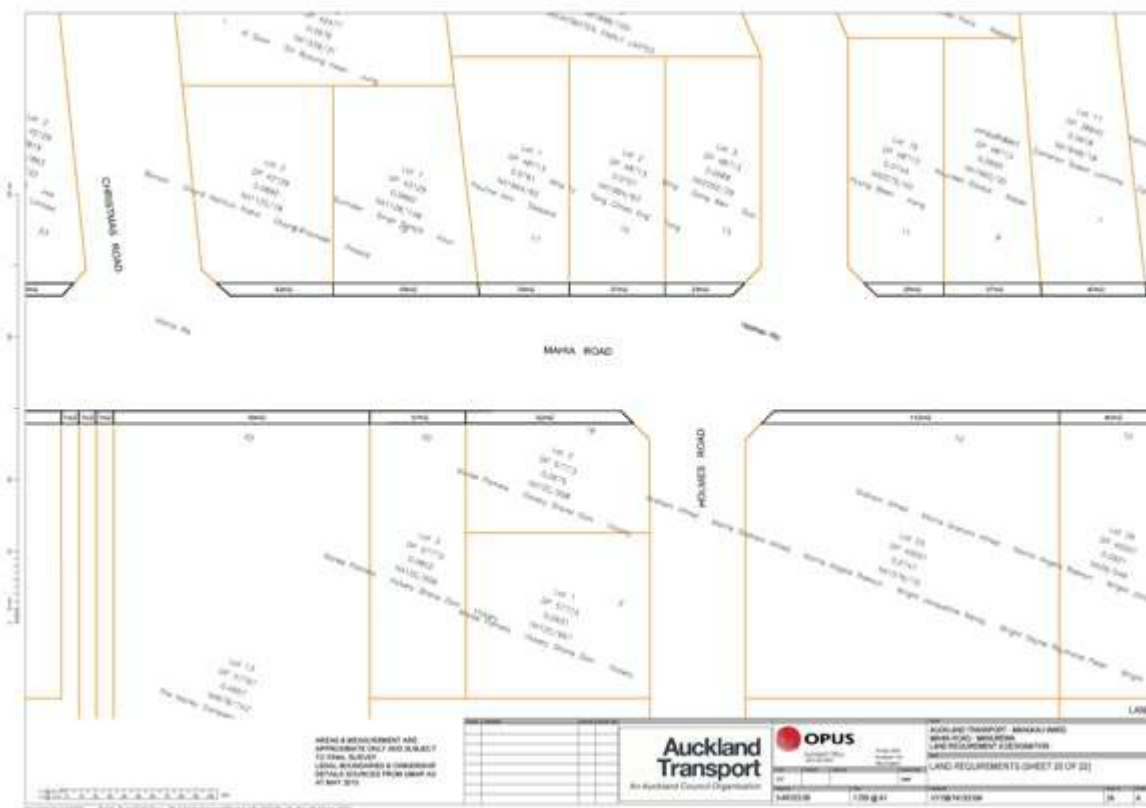
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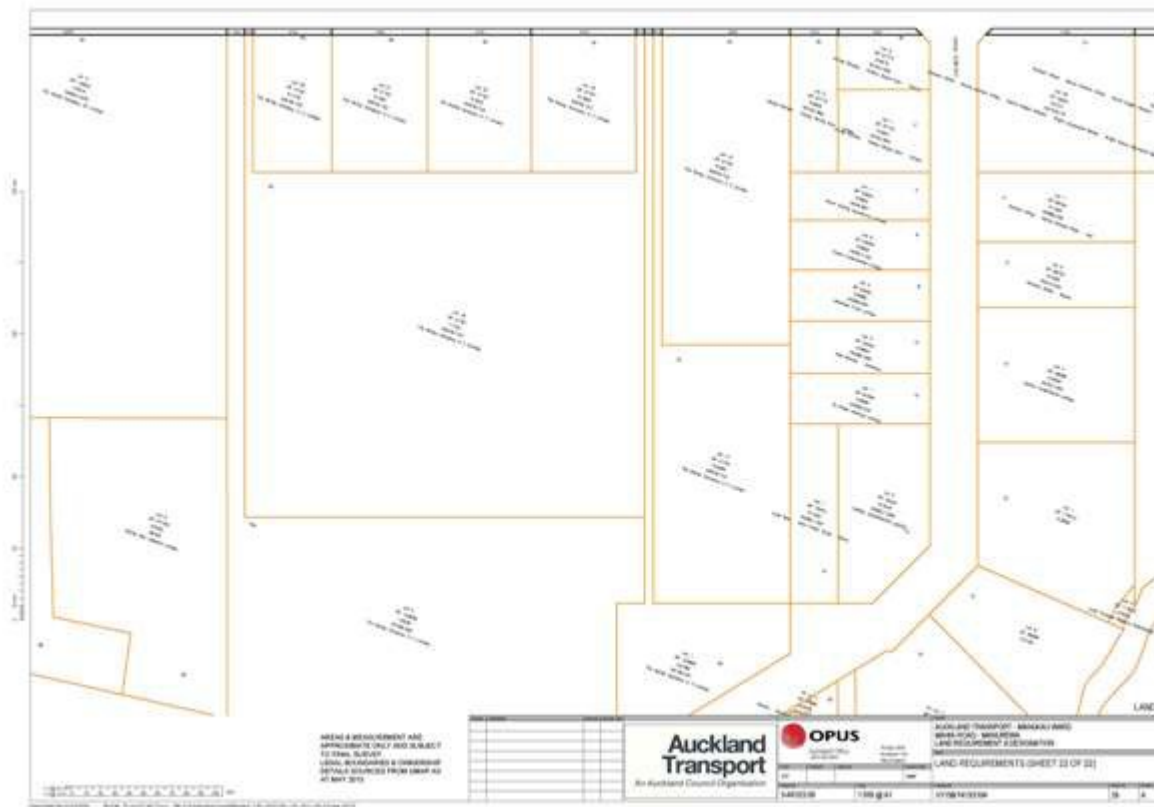
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R1804 Car Park - Brampton Court Car Park

Designation Number	R1804
Requiring Authority	Auckland Transport
Location	143 Pakuranga Road, Pakuranga
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.

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2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

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Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

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Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

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12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

1805 Car Park and Service Lane - Parkhill Road

Designation Number	1805
Requiring Authority	Auckland Transport
Location	25A Parkhill Road and 20, 24 Uxbridge Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 265, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Car parking asset.

Conditions

No conditions.

Attachments

No attachments.

1806 Road Widening - Beachlands Road

Designation Number	1806
Requiring Authority	Auckland Transport
Location	109 and 129 Beachlands Road, 373, 460, 465, 469, 482, 492, 509, 529, 533, 600, 601-605, 639, 645-651, 650, 691, 702, 712, 722, 732, 746, 751, 758, 770, 781, 824, 830, 855, 865-867 and 897 Whitford-Maraetai Road and 49 and 110A Jack Lachlan Drive, Whitford (Stages 5, 6 and 7)
Rollover Designation	Yes
Legacy Reference	Designation 291, Auckland Council District Plan (Manukau Section) 2002

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Lapse Date	30 years from being operative in the Unitary Plan unless given effect to prior
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Purpose

Road widening.

Conditions

General

1. The scope and extent of the works envisaged within the designations shall be generally in accordance with the requirement and the plans submitted with the Notice of Requirements, and subject to any modification required to comply with the conditions set out below.
2. The provisions of the Notices of Requirement shall be inserted into the Auckland Unitary Plan to reflect the nature and extent of the requirements.
3. Land taken or held for the works shall be maintained to a reasonable standard until the physical works commence and for the duration of the construction works
4. At all times, reasonable access shall be maintained from the roading network to private properties not directly affected by the construction and operation works.
5. During and following the construction period, safety barriers and security fencing shall be provided to ensure neighbouring site safety and security fencing to a standard at least as currently provided on the property boundary.

Outline Plans

6. Council shall not waive its requirement for an Outline Plan.
7. Prior to the commencement of the physical works, Auckland Transport as requiring authority shall prepare and submit to council as consent authority an Outline Plan of Works pursuant to section 176A of the Resource Management Act 1991.
8. The Outline Plan(s) required by condition 7 shall include:
 - a. A record of consultation regarding the design of access to and egress from the directly affected property owners along the corridor within each Notice of Requirement;
 - b. The means by which stormwater shall be managed; and
 - c. The manner in which any landscape mitigation planting is located and implemented.

Archaeological and Heritage Mitigation Conditions

9. That in the event of koiwi (skeletal remains) or archaeological evidence being uncovered work shall immediately cease in the vicinity of the discovery and the New Zealand Historic Places Trust archaeologist shall be contacted so that the appropriate action can be taken before work may recommence there. The relevant iwi representatives will also be contacted.
10. Detailed protocols for the management of any archaeological and waahi tapu discoveries shall be specifically discussed with tangata whenua prior to construction and submitted to the Auckland Council for information.
11. The owners and occupiers of the properties affected by the designation and the relevant iwi representatives shall be notified of construction commencing and shall be kept informed of the project developments

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12. Any recorded archaeological site shall be screened by a fence at least 1.0 metre in height. The fencing shall be supervised by a suitably qualified archaeologist to determine the appropriate location for fencing. No construction material or equipment shall be stored within the fenced area.

Property Access Mitigation Conditions

13. Prior to the commencement of construction of the roading link and the widening of the existing roads, the Auckland Council is to be provided with plans showing details of how access is to be provided to properties directly affected by the road widening and construction of the link.

14. All traffic control measures shall conform to the current version, at the time of construction, of the New Zealand Transport Agency manual entitled "Code of Practice for Temporary Traffic Control".

15. All necessary and practicable steps are to be taken to avoid damage to other utility services, the roading network, or private property."

16. All reinstatement within the road reserve is to be carried out in accordance with Auckland Transport's Code of Practice.

17. The road construction works proposed are to be undertaken in a manner which ensures that the land on adjoining properties remain stable at all times. In this regard:

- a. The required retaining walls and/or any temporary stabilising works required shall be constructed in a timely manner under engineering design and supervision; and
- b. A geotechnical certification is to be submitted to the Auckland Council to confirm the suitability of the completed works.

18. Control measures shall be in place to ensure that any trucks do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the Requiring Authority's expense.

19. All earthworks on the site are to be undertaken in a manner so as to minimise 'dust' or 'soil erosion/siltation' beyond the boundary of the site, which in the opinion of an enforcement officer who is employed by the Council, might be objectionable, offensive or have the potential to create an adverse effect on the receiving environment.

20. Any surplus excavated soil is to be taken to an approved fill site and disposed of in accordance with the relevant Unitary Plan requirements.

21. Exposed cut and fill batters/slopes and other bare land resulting from the works shall be revegetated as soon as practicable and in a progressive manner as works are finished over various areas of the project.

22. During construction, New Zealand noise standard "NZS 6803:1999 Acoustics — Construction Noise" shall apply and that noise shall comply with the limits set down in Table 2 of NZS6803:1999 or where that is impractical alternative strategies shall be implemented to ensure that construction noise does not exceed agreed levels with affected persons.

23. During construction, the generation of dust is to be managed in such a way it does not create a nuisance beyond the boundary of the works. A nuisance will be deemed to have occurred if:

- a. There is visible evidence of suspended solids/particulate matter in the air beyond the site boundary; and/or
- b. There is visible evidence of deposited particulate matter traceable from a dust source, settling on the ground, building or structure on an adjoining site or waterbody.

24. The hours of work shall be restricted to between 7.30am and 6.00pm, Monday to Saturday inclusive, with

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any variation subject to approval of the Council. Sunday and Public Holiday work is generally not permitted, any works on these days are also to be agreed by specific approval of the Auckland Council.

25. The final engineering design is to incorporate water quality measures to adequately treat the road runoff.

26. In accordance with Section 184(1)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of 30 years after the date on which it is included in the District Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority determines, on an application made within three months before the expiry of that period, that substantial progress of effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period to give effect to the designation.

27. Management Plans and Outline Plans: General

a. Prior to the commencement of the works, any relevant Management Plans required under conditions to this designation shall be submitted to the Auckland Council.

b. Any Management or Outline Plans may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted in stages must clearly show integration with adjacent stages and interrelated activities.

c. If Council agrees on the content and terms of such Management Plans, that agreement shall be deemed to be a waiver in relation to that Plan or relevant part of the Plan pursuant to section 176A(2)(c) of the Resource Management Act of the requirement for an Outline Plan under section 176A.

d. If Council does not agree on the terms of such Plan or Plans, the relevant provisions of section 176A of the Resource Management Act shall apply in respect of any part not agreed.

e. The works shall be undertaken in general accordance with the approved Management Plan or accepted Outline Plan of Works (as the case may be).

28. Additional conditions to be imposed on Notice of Requirement 2 (Whitford Bypass)

a. A mitigation plan shall be prepared in consultation with the Whitford Play Centre to address the relocation of the building and associated facilities. The mitigation plan shall include the location of the playcentre building, playground equipment, landscape planting, parking provision. The plan shall include indicative timeframes to enable landscape planting to be established ahead of the relocation of any buildings and shall also address overall timeframes ahead of the commencement of construction.

b. A Redevelopment plan shall be prepared for the Whitford War Memorial Reserve in consultation with the community and council's Parks Department to address the impact of the proposed road alignment on the reserve. The redevelopment plan shall address (but not be limited to) the following matters: Loss of facilities, relocation of the tennis courts, screen planting, relocation of the public play ground, protection of the War Memorial Gates, utilisation of the additional land purchased adjacent to the existing reserve, the mitigation plan prepared in accordance with condition a) above for the relocation of the Whitford Playcentre.

c. A mitigation plan shall be prepared in consultation with the Whitford Pony Club to this Notice of Requirement to address the potential impacts of the designation on the land owned by the Club including any noise mitigation, provision for direct access from the adjacent roundabout, mitigation landscape planting where appropriate and the potential use of excess fill to re-contour appropriate areas of the Pony Club land.

d. The Outline Plan of Works submitted under general condition 7 of this Notice of Requirement shall include the recommended noise mitigation measures detailed in the report entitled "Proposed Whitford Bypass — Assessment of Noise Effects" prepared by Hegley Acoustic Consultants and dated 24 February 2005.

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29. Additional conditions to be imposed on Notices of Requirement 3 and 4

a. The Outline Plan of Works submitted under general condition 7 of this Notice of Requirement shall include design measures to ensure the roundabout at the intersection of Trig Road, Whitford Maraetai Road and Clifton Road is appropriately located and suitable for the access and egress of quarry and landfill vehicles.

b. The Outline Plan of Works submitted under general condition 7 of this Notice of Requirement shall include design measures to ensure that stormwater runoff from the completed road surface is managed to ensure that any existing stormwater and groundwater monitoring undertaken by the landfill operator is not compromised.

c. The Outline Plan of Works shall also address the protection of Landfill monitoring Site 6 adjacent to Henson Road and the protection of all other boreholes servicing the landfill site.

d. The Outline Plan of Works shall also address the protection and or replacement of the existing landfill screen planting. Should any of the existing screen planting be required to be removed or adversely affected by the works, it shall be replaced as soon as practicable. Replacement planting shall be undertaken in close consultation with the Landfill operator to ensure it is consistent with the ongoing planting programme undertaken by them. The planting shall be of a high quality and large specimen trees shall be used in order to replicate the size of the vegetation removed. The planting shall be maintained at no expense to the Landfill operator for not less than two years after planting, and any trees that die within that period shall be replaced, at no expense to the Landfill.

e. A record of consultation undertaken with the owners and operators of the Whitford Quarry and Landfill on issues outline within Clauses (a) to (d) above shall be submitted in conjunction with the relevant sections of the outline plan of works.

Attachments

No attachments.

1807 New Road - Whitford Bypass

Designation Number	1807
Requiring Authority	Auckland Transport
Location	40, 51, 54, 58, 83, 133, 172, 173, 201, 227, 231, 230, 232, 238, 250, 257, 284, 330, 371, 374, 376 and 385 Whitford Park Road, 2, 21, 35, 91, 97, 101 and 401 Trig Road, 18, 24 and 30 Saleyard Road, 500 Brookby Road, 53 Polo Lane, 1 and 2 Turanga Road, 49 Clifton Road and 46, 53R, 104R, 109, 130, 150, 186, 299, 373 and 404 Whitford-Maraetai Road (Stages 1, 2, 3 and 4)
Rollover Designation	Yes
Legacy Reference	Not yet included in the Auckland Council District Plan (Manukau Section) 2002
Lapse Date	30 years from being operative in the Unitary Plan unless given effect to prior

Purpose

New road.

Conditions

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General

1. The scope and extent of the works envisaged within the designations shall be generally in accordance with the requirement and the plans submitted with the Notice of Requirements, and subject to any modification required to comply with the conditions set out below.
2. Land taken or held for the works shall be maintained to a reasonable standard until the physical works commence and for the duration of the construction works
3. At all times, reasonable access shall be maintained from the roading network to private properties not directly affected by the construction and operation works.
4. During and following the construction period, safety barriers and security fencing shall be provided to ensure neighbouring site safety and security fencing to a standard at least as currently provided on the property boundary.

Outline Plans

5. Auckland Council shall not waive its requirement for an Outline Plan.
6. Prior to the commencement of the physical works, Auckland Transport as requiring authority shall prepare and submit to Auckland Council as consent authority an Outline Plan of Works pursuant to section 176A of the Resource Management Act 1991.
7. The Outline Plan(s) required by condition 7 shall include:
 - a. A record of consultation regarding the design of access to and egress from the directly affected property owners along the corridor within each Notice of Requirement;
 - b. The means by which stormwater shall be managed in accordance with Auckland Council publications TP 10 and TP 90; and
 - c. The manner in which any landscape mitigation planting is located and implemented.

Archaeological and Heritage Mitigation Conditions

8. That in the event of koiwi (skeletal remains) or archaeological evidence being uncovered work shall immediately cease in the vicinity of the discovery and the New Zealand Historic Places Trust archaeologist shall be contacted so that the appropriate action can be taken before work may recommence there. The relevant iwi representatives will also be contacted.
9. Detailed protocols for the management of any archaeological and waahi tapu discoveries shall be specifically discussed with tangata whenua prior to construction and submitted to Auckland Council for information.
10. The owners and occupiers of the properties affected by the designation and the relevant iwi representatives shall be notified of construction commencing and shall be kept informed of the project developments
11. Any recorded archaeological site shall be screened by a fence at least 1.0 metre in height. The fencing shall be supervised by a suitably qualified archaeologist to determine the appropriate location for fencing. No construction material or equipment shall be stored within the fenced area.

Property Access Mitigation Conditions

12. Prior to the commencement of construction of the roading link and the widening of the existing roads, the Auckland Council is to be provided with plans showing details of how access is to be provided to properties directly affected by the road widening and construction of the link.
13. All traffic control measures shall conform to the current version, at the time of construction, of the Transit New Zealand manual entitled "Code of Practice for Temporary Traffic Control".

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14. All necessary and practicable steps are to be taken to avoid damage to other utility services, the roading network, or private property."

15. All reinstatement within the road reserve is to be carried out in accordance with Auckland Transport's Code of Practice.

16. The road construction works proposed are to be undertaken in a manner which ensures that the land on adjoining properties remain stable at all times. In this regard:

- a. The required retaining walls and/or any temporary stabilising works required shall be constructed in a timely manner under engineering design and supervision; and
- b. A geotechnical certification is to be submitted to the Auckland Council to confirm the suitability of the completed works.

17. Control measures shall be in place to ensure that any trucks do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the Requiring Authority's expense.

18. All earthworks on the site are to be undertaken in a manner so as to minimise 'dust' or 'soil erosion/siltation' beyond the boundary of the site, which in the opinion of an enforcement officer who is employed by the Council, might be objectionable, offensive or have the potential to create an adverse effect on the receiving environment.

19. Any surplus excavated soil is to be taken to an approved fill site and disposed of in accordance with the relevant Unitary Plan requirements.

20. Exposed cut and fill batters/slopes and other bare land resulting from the works shall be revegetated as soon as practicable and in a progressive manner as works are finished over various areas of the project.

21. During construction, New Zealand noise standard "NZS 6803:1999 Acoustics - Construction Noise" shall apply and that noise shall comply with the limits set down in Table 2 of NZS6803:1999 or where that is impractical alternative strategies shall be implemented to ensure that construction noise does not exceed agreed levels with affected persons.

22. During construction, the generation of dust is to be managed in such as way it does not create a nuisance beyond the boundary of the works. A nuisance will be deemed to have occurred if:

- a. There is visible evidence of suspended solids/particulate matter in the air beyond the site boundary; and/or
- b. There is visible evidence of deposited particulate matter traceable from a dust source, settling on the ground, building or structure on an adjoining site or waterbody.

23. The hours of work shall be restricted to between 7.30am and 6.00pm, Monday to Saturday inclusive, with any variation subject to approval of the Council. Sunday and Public Holiday work is generally not permitted, any works on these days are also to be agreed by specific approval of the Manager Resource Consents.

24. The final engineering design is to incorporate water quality measures to adequately treat the road runoff.

25. In accordance with Section 184(1)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of thirty years after the date on which it is included in the District Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority determines, on an application made within three months before the expiry of that period, that substantial progress of effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period to give effect to the designation.

26. Management Plans and Outline Plans: General

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- a. Prior to the commencement of the works, any relevant Management Plans required under conditions to this designation shall be submitted to the Auckland Council.
- b. Any Management or Outline Plans may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted in stages must clearly show integration with adjacent stages and interrelated activities.
- c. If Council agrees on the content and terms of such Management Plans, that agreement shall be deemed to be a waiver in relation to that Plan or relevant part of the Plan pursuant to section 176A(2)(c) of the Resource Management Act of the requirement for an Outline Plan under section 176A.
- d. If Council does not agree on the terms of such Plan or Plans, the relevant provisions of section 176A of the Resource Management Act shall apply in respect of any part not agreed.
- e. The works shall be undertaken in general accordance with the approved Management Plan or accepted Outline Plan of Works (as the case may be).

28. Additional conditions to be imposed on Notice of Requirement 2 (Whitford Bypass)

- a. A mitigation plan shall be prepared in consultation with the Whitford Play Centre to address the relocation of the building and associated facilities. The mitigation plan shall include the location of the playcentre building, playground equipment, landscape planting, parking provision. The plan shall include indicative timeframes to enable landscape planting to be established ahead of the relocation of any buildings and shall also address overall timeframes ahead of the commencement of construction.
- b. A Redevelopment plan shall be prepared for the Whitford War Memorial Reserve in consultation with the community and the Council's Parks Department to address the impact of the proposed road alignment on the reserve. The redevelopment plan shall address (but not be limited to) the following matters: Loss of facilities, relocation of the tennis courts, screen planting, relocation of the public play ground, protection of the War Memorial Gates, utilisation of the additional land purchased adjacent to the existing reserve, the mitigation plan prepared in accordance with condition a) above for the relocation of the Whitford Playcentre.
- c. A mitigation plan shall be prepared in consultation with the Whitford Pony Club to this Notice of Requirement to address the potential impacts of the designation on the land owned by the Club including any noise mitigation, provision for direct access from the adjacent roundabout, mitigation landscape planting where appropriate and the potential use of excess fill to re-contour appropriate areas of the Pony Club land.
- d. The Outline Plan of Works submitted under general condition 7 of this Notice of Requirement shall include the recommended noise mitigation measures detailed in the report entitled "Proposed Whitford Bypass – Assessment of Noise Effects" prepared by Hegley Acoustic Consultants and dated 24 February 2005.

29. Additional conditions to be imposed on Notices of Requirement 3 and 4

- a. The Outline Plan of Works submitted under general condition 7 of this Notice of Requirement shall include design measures to ensure the roundabout at the intersection of Trig Road, Whitford Maraetai Road and Clifton Road is appropriately located and suitable for the access and egress of quarry and landfill vehicles.
- b. The Outline Plan of Works submitted under general condition 7 of this Notice of Requirement shall include design measures to ensure that stormwater runoff from the completed road surface is managed to ensure that any existing stormwater and groundwater monitoring undertaken by the landfill operator is not compromised.
- c. The Outline Plan of Works shall also address the protection of Landfill monitoring Site 6 adjacent to Henson Road and the protection of all other boreholes servicing the landfill site.

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d. The Outline Plan of Works shall also address the protection and or replacement of the existing landfill screen planting. Should any of the existing screen planting be required to be removed or adversely affected by the works, it shall be replaced as soon as practicable. Replacement planting shall be undertaken in close consultation with the Landfill operator to ensure it is consistent with the ongoing planting programme undertaken by them. The planting shall be of a high quality and large specimen trees shall be used in order to replicate the size of the vegetation removed. The planting shall be maintained at no expense to the Landfill operator for not less than two years after planting, and any trees that die within that period shall be replaced, at no expense to the Landfill.

e. A record of consultation undertaken with the owners and operators of the Whitford Quarry and Landfill on issues outline within Clauses (a) to (d) above shall be submitted in conjunction with the relevant sections of the outline plan of works.

Advice Note: Any removal of screen planting required by these works shall be undertaken on the understanding that the Landfill/Quarry will not be considered to be in breach of its own designation and resource consent conditions.

Advice Notes:

1. It is noted that regional consents will be required to be obtained from the Auckland Regional Council prior to the commencement of the works.

2. Property Owner Rights

Landowners directly affected by the designation are advised that the Public Works Act 1981 makes provision for the following (among other things):

- a. For those landowners whose property is required to be taken (either in whole or in part) for the purpose of the project works they will have a basic entitlement to compensation under Section 60 of the Public Works Act, irrespective of whether the land is acquired compulsorily or on a willing-buyer, willing-seller basis.
- b. Disturbance payments, compensation for loss on repayment of mortgage, and compensation for business loss may in some cases also be claimed under sections 66 to 68 of the Public Works Act.
- c. Compensation for injurious affection can be claimed under Section 63 of the Public Works Act.

3. The booklet titled "A Guide to Landowners Rights: When the Crown Wishes to Acquire Your Land for a Public Work" published by Land Information New Zealand provides useful information on the entitlements under the Public Works Act.

4. Any landowners/tenants potentially or actually affected by the designation are encouraged to seek their own legal advice in terms of their entitlement."

Attachments

No attachments.

1808 Road Widening - Ormiston Road and Chapel Place

Designation Number	1808
Requiring Authority	Auckland Transport
Location	Ormiston Road and Chapel Road, Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 305, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	2020

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Purpose

Road widening.

Conditions

1. The Council's administrative charges for receiving and determining of this Notice of Requirement or for any specified or additional matter in accordance with section 36 of the Act or any regulation under the Act, or as necessary to enable Council to recover its actual and reasonable costs in respect of this application, must be paid in full within 20 days of receipt of the invoice for this decision and this consent shall not be exercised prior to such payment.

2.

- a. For the purpose of these conditions, "Works" has the same meaning as in the Notice of Requirement by Manukau City Council (Transportation Planning and Environmental Sustainability and Infrastructure) for a designation for road widening and stormwater management at 128 Ormiston Road, Flat Bush, dated May 2010.
- b. That the works to give effect to the Designation, subject to final design and any modification required to comply with the conditions set out below, shall be generally in accordance with the plans and information submitted by Manukau City Council (Transportation Planning and Environmental Sustainability and Infrastructure) in support of this Notice of Requirement in the documents referenced Proposal 37431 by Council.
- c. For the purpose of these conditions the "Council" shall mean the "Auckland Council".

3. The scope and extent of the works envisaged within the designation shall be in accordance with the Notice of Requirement and the plans submitted with the Notice of Requirement (identified as Council reference Proposal 37431) and subject to any modification required to comply with the conditions set out below.

4. The provisions of the Notice of Requirement shall be inserted into the Unitary Plan to reflect the nature and extent of the requirement, and the designation shall lapse on the expiry of 2020 unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

5. Land taken or held for the works shall be maintained to a reasonable standard until the physical works commence and for the duration of the construction works.

6. Prior to the commencement of the physical works, Auckland Transport as requiring authority shall prepare and submit to council as consent authority an Outline Plan of Works pursuant to s. 176A of the Resource Management Act (1991). The Outline Plan of Works will allow the Requiring Authority and the property owner, and council (as consenting authority) to plan, design and construct each section of the works to minimise adverse effects and provide certainty on the works scheduled.

7. At Outline Plan of Works stage, the Requiring Authority shall submit engineering plans for all the proposed works designed in accordance with the rules of the Unitary Plan and Auckland Council Engineering Quality Standards including in particular the following drawings:

- a. Earthworks plans showing:
 - i. Cut and fill areas with depth of cut and fill;
 - ii. Existing and proposed contours; and
 - iii. Proposed silt control measures.
- b. Roding plans showing:
 - i. Typical cross sections with road construction details, position of proposed services etc;
 - ii. Road long-sections;
 - iii. Road markings, kerb and channel layout, street lighting; and

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iv. Stormwater control.

c. Riparian footpath plans showing:

i. Typical cross sections; and

ii. Footpath long-sections.

d. Services plans showing proposed services to be installed to provide continuity of services past the intersection of Chapel Road and Ormiston Road.

e. Design details and reports to support the plans provided.

8. Cycleways shall be continuous along the northern side of Ormiston Road and the western side of Chapel Road.

9. All catchpits shall be located clear of vehicle crossings, where practical.

10. All necessary and practicable steps are to be taken to avoid damage to other utility services, the roading network, or private property.

11. Before any physical work is commenced the requiring authority and the contractor working in that area shall ensure that the owners of the affected property are notified in writing advising them of the development in general, its expected duration, the times at which it will be undertaken and the name of a responsible person with whom the owners and occupiers can liaise if the need arises. The general public, businesses in the area and road users shall also be made aware of the intended construction and the times when they may also be affected by the works.

12. The Requiring Authority shall liaise with affected Public Utility Service Providers with respect to the relocation and upgrading of existing services within the area affected by the Notice of Requirement. Any public utility service cabinets or transformers shall be located clear of the normal road reserve.

13. At all times, reasonable access shall be maintained from the roading network to 128 Ormiston Road. This shall be a requirement clause in all contracts awarded for the works. If necessary temporary access or ramps shall be provided to achieve this.

14. All traffic control measures shall conform to the current version, at the time of construction, of the New Zealand Transport Agency manual entitled "Code of Practice for Temporary Traffic Control".

15. All reinstatement within the road reserve is to be carried out in accordance with the current version of Auckland Transport Code of Practice.

16. The road construction works proposed are to be undertaken in a manner which ensures that the land on the adjoining property remains stable at all times.

17. Control measures shall be in place to ensure that any trucks do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the Requiring Authority's expense.

18. All earthworks on the designated land are to be undertaken in a manner so as to minimise 'dust' or 'soil erosion / siltation' beyond the boundary of the site, which in the opinion of an enforcement officer who is employed by the Council, might be objectionable, offensive or have the potential to create an adverse effect on the receiving environment.

19. During construction, New Zealand noise standard "NZS 6803:1999 Acoustics – Construction Noise" shall apply and that noise shall comply with the limits set down in Table 2 of NZS6803:1999 or where that is impractical alternative strategies shall be implemented to ensure that construction noise does not exceed

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agreed levels with affected persons.

20. The hours of work shall generally be between 7.30am and 6.00pm, Monday to Saturday inclusive. However it is recognised that there will be occasions when, for the sake of maintaining access to the property and minimising disruption to the property owner and to business operations in the area, that working outside those hours will be of benefit to those people and to progress of the construction. Such occasions shall be part of the consultation process with those affected and shall also be agreed by specific approval of the Auckland Council.

21. Any required bus stops affected by the proposed work shall be provided in accordance with the Auckland Transport Code of Practice. Bus stop locations shall be shown on the Outline Plan of Works.

22. The Requiring Authority shall submit a Landscape Mitigation Plan as part of the Outline Plan of Works. The Plan will provide for the identification of existing trees and vegetation affected by the proposed works which, where practicable, shall be retained. These trees will be protected during the construction programme. Where existing landscaping is impacted by the proposed road works a detailed plan shall be prepared along the route in consultation with the property owner(s). The Plan shall have regard to the quality and quantity of any existing landscaping and shall provide for:

- a. A schedule of species to be planted in mitigation, including botanical name, average plant size at time of planting and average mature height;
- b. The timing of planting which could, in consultation with the landowner, include opportunities for early planting;
- c. Replacement fencing and boundary planting, which should be appropriately determined after discussion with the landowner.

All landscape mitigation planting shall be implemented no later than in the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity.

Attachments

No attachments.

1809 Road Widening - Allens Road and Smales Road

Designation Number	1809
Requiring Authority	Auckland Transport
Location	2, 5, 17, 22-38, 47-59, 56-60 and 67 Allens Road, 3-9 Smales Road, 1,2 Harris Road, 2 Ross Reid Place and 61 Sir William Avenue, East Tamaki
Rollover Designation	Yes
Legacy Reference	Designation 308, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	5 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

1. In accordance with section 184 of the Resource Management Act 1991, this designation will lapse on the expiry of 5 (five) years after the date on which it is included in the Unitary Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort

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towards giving effect to the designation and fixes a longer period to give effect to the designation; or
c. The designation lapses earlier by virtue of the Unitary Plan ceasing to be operative.

Attachments

No attachments.

1810 Car Park - Hall Street

Designation Number	1810
Requiring Authority	Auckland Transport
Location	24 Hall Street, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 102, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Car parking assets.

Conditions

No conditions.

Attachments

No attachments.

R1811 Car Park - Moore Street

Designation Number	R1811
Requiring Authority	Auckland Transport
Location	27 Moore Street, Howick
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;

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- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

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For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment

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control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

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11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1812 Car Park - Tobin Street

Designation Number	R1812
Requiring Authority	Auckland Transport
Location	4 Tobin Street, Pukekohe
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure'

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including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

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1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
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Weekdays	7am - 10pm	80	70
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During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

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3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
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Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

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5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related

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conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1813 Car Park - Wallace Road

Designation Number	R1813
Requiring Authority	Auckland Transport
Location	21 Wallace Road, Papatoetoe
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;

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- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

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Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be

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installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

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13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1814 Car Park - Osterley Way (AMI)

Designation Number	R1814
Requiring Authority	Auckland Transport
Location	9 Osterley Way, Manukau Central
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;

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- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);
4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;
6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;
8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);
9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;
10. Earthworks to implement any of the above; and
11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

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Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

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Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

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Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1815 Car Park - Butler Avenue

Designation Number	R1815
Requiring Authority	Auckland Transport
Location	6 Butler Avenue, Papatoetoe
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;
 - k. CCTV cameras; and
 - l. Toilet facilities.
3. Any changes to the mix of the function of the parking (short / long term);

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4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;
6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;
8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);
9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;
10. Earthworks to implement any of the above; and
11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70

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Saturdays	8am - 5pm	75	70
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During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
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Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

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Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

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R1816 Car Park - Charles Street

Designation Number	R1816
Requiring Authority	Auckland Transport
Location	27 Charles Street, Papatoetoe
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;
 - k. CCTV cameras; and
 - l. Toilet facilities.
3. Any changes to the mix of the function of the parking (short / long term);
4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface

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water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

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3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

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8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1817 Car Park - Davies Avenue

Designation Number	R1817
Requiring Authority	Auckland Transport
Location	2 Davies Avenue, Manukau

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Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;
 - k. CCTV cameras; and
 - l. Toilet facilities.
3. Any changes to the mix of the function of the parking (short / long term);
4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;
6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

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8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed

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the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility

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Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1818 Car Park - Kolmar Road

Designation Number	R1818
Requiring Authority	Auckland Transport
Location	139 Kolmar Road, Papatoetoe
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- b. Communications, water supply and energy supply infrastructure;
- c. Stormwater drainage and other surface water management infrastructure;
- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary

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to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
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Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

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10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1819 Car Park - Moore Street

Designation Number	R1819
Requiring Authority	Auckland Transport
Location	41 Moore Street (Fencible Drive), Howick
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

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Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- b. Communications, water supply and energy supply infrastructure;
- c. Stormwater drainage and other surface water management infrastructure;
- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

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1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

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Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

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6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland

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Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1820 Car Park - Maich Road

Designation Number	R1820
Requiring Authority	Auckland Transport
Location	1-13 Maich Road, Manurewa
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;

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- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

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For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment

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control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

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11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1821 Car Park - O'Shannessy Street

Designation Number	R1821
Requiring Authority	Auckland Transport
Location	26-32 O'Shannessy Street, Papakura
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure'

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including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

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1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

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5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related

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conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1822 Car Park - Davies Avenue

Designation Number	R1822
Requiring Authority	Auckland Transport
Location	8 Davies Avenue, Manukau
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;

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- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

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Sundays & Public Holidays No work

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4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

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5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be

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installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

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Damage to Adjacent Properties

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As-Built Plans

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13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1823 Car Park - Coles Crescent

Designation Number	R1823
Requiring Authority	Auckland Transport
Location	36 Coles Crescent, Papakura
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	N/A

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;

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- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);
4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;
6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;
8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);
9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;
10. Earthworks to implement any of the above; and
11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

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Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

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Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

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Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1824 Car Park - Eric Baker Place

Designation Number	R1824
Requiring Authority	Auckland Transport
Location	15 Eric Baker Place, Paptoetoe
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	N/A

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;
 - k. CCTV cameras; and
 - l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

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4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;
6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;
8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);
9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;
10. Earthworks to implement any of the above; and
11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70

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Saturdays	8am - 5pm	75	70
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During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

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Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

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R1826 Car Park - Newbury Street

Designation Number	R1826
Requiring Authority	Auckland Transport
Location	1R Newbury Street, Otara
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	N/A

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- Communications, water supply and energy supply infrastructure;
- Stormwater drainage and other surface water management infrastructure;
- Earthworks;
- Pruning and removal of all non-scheduled vegetation within the site; and
- Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- Resurfacing of floors, at-grade, and metalled parking surfaces;
- Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- Bicycle stands, racks, cages and other forms of bicycle storage;
- Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- Customer service booths;
- Barrier arms;
- Parking sensors;
- Signage relating to parking information, management and enforcement;
- Lighting;
- CCTV cameras; and
- Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface

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water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

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- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
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Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of

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the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1825 Car Park - Kew Lane

Designation Number	R1825
Requiring Authority	Auckland Transport
Location	129 Kew Lane, Otara
Rollover Designation	No

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Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- b. Communications, water supply and energy supply infrastructure;
- c. Stormwater drainage and other surface water management infrastructure;
- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

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8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different

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ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring

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authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1827 Car Park - Shirley Road

Designation Number	R1827
Requiring Authority	Auckland Transport
Location	21 Shirley Road, Papatoetoe
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:

- a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
- b. Communications, water supply and energy supply infrastructure;
- c. Stormwater drainage and other surface water management infrastructure;
- d. Earthworks;
- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

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10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.

ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80

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Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

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- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1828 Car Park - Wellington Street

Designation Number	R1828
Requiring Authority	Auckland Transport
Location	9 Wellington Street (Picton Street), Howick
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

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1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
 2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;
 - k. CCTV cameras; and
 - l. Toilet facilities.
 3. Any changes to the mix of the function of the parking (short / long term);
 4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;
 6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
 7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;
 8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);
 9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;
 10. Earthworks to implement any of the above; and
 11. Temporary traffic management necessary to implement any of the above.
- 1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the

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designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14

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Surgery rooms of health care facilities	All	0.10
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Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an

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archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1829 Car Park - Massey Avenue

Designation Number	R1829
Requiring Authority	Auckland Transport
Location	7 Massey Avenue, Pukekohe
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;

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- e. Pruning and removal of all non-scheduled vegetation within the site; and
- f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
- b. Resurfacing of floors, at-grade, and metalled parking surfaces;
- c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
- d. Bicycle stands, racks, cages and other forms of bicycle storage;
- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this

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designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
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During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The

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location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical

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Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1830 Car Park - Wellington Street

Designation Number	R1830
Requiring Authority	Auckland Transport
Location	4 Wellington Street, Howick
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.

2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:

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- a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;
 - k. CCTV cameras; and
 - l. Toilet facilities.
3. Any changes to the mix of the function of the parking (short / long term);
 4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;
 6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;
 7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;
 8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);
 9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;
 10. Earthworks to implement any of the above; and
 11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency

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works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective

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fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties

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during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1831 Car Park - Mangere Town Centre

Designation Number	R1831
Requiring Authority	Auckland Transport
Location	1-49 Waddon Place and 121 Bader Drive, Mangere
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;

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- e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
- f. Customer service booths;
- g. Barrier arms;
- h. Parking sensors;
- i. Signage relating to parking information, management and enforcement;
- j. Lighting;
- k. CCTV cameras; and
- l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building.

For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

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2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work	
		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
- ii. Stationary vibrating, reciprocating and rotating machinery and all piping, ducting and other equipment attached to such machinery must be installed and maintained so that any resulting vibration does not exceed the limits of the following table when measured in adjacent buildings or areas of buildings under different ownership from the source of the vibration:

Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
Buildings in a heavy industry or light industry zone	All	0.80
Buildings for commercial activities	All	0.40
Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and

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leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or

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email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

R1832 Car Park - Constable Road

Designation Number	R1831
Requiring Authority	Auckland Transport
Location	Constable Road (corner King Street), Waiuku
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Public off-street parking, including ongoing maintenance, repairs and like for like replacement works to the existing parking facility and minor operational improvements to the same.

Works exempt from providing an Outline Plan of Works

Auckland Transport shall be exempt from providing an Outline Plan of Works for the following works, subject to the conditions of this designation.

1. Maintenance, repairs and like for like replacement including the following elements:
 - a. Vehicle access related assets and facilities (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);
 - b. Communications, water supply and energy supply infrastructure;
 - c. Stormwater drainage and other surface water management infrastructure;
 - d. Earthworks;
 - e. Pruning and removal of all non-scheduled vegetation within the site; and
 - f. Temporary traffic management necessary to implement works.
2. Minor operational improvements including those involving the installation of new 'parking infrastructure' including the following elements:
 - a. Changes to the parking layout, including the location and configuration of parking bays, access and circulation areas within the designated site, provided that the total number of public parking bays is not increased;
 - b. Resurfacing of floors, at-grade, and metalled parking surfaces;
 - c. Re-marking of parking bays, access ways, and other painted markings on the parking surfaces;
 - d. Bicycle stands, racks, cages and other forms of bicycle storage;
 - e. Pay and display machines, kiosks, and other types of ticket dispensers and ticket booths;
 - f. Customer service booths;
 - g. Barrier arms;
 - h. Parking sensors;
 - i. Signage relating to parking information, management and enforcement;
 - j. Lighting;

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k. CCTV cameras; and

l. Toilet facilities.

3. Any changes to the mix of the function of the parking (short / long term);

4. Maintenance, repairs and like for like replacement of all vehicle access related assets and facilities within the designated site (including but not limited to markings, ramps, speed humps, kerbs, berms, bollards, barriers, traffic separators and islands);

5. Maintenance, repairs and like for like replacement of all stormwater drainage and other surface water management infrastructure within the site, including any treatment devices utilising planting;

6. Installation of new stormwater management infrastructure (including treatment devices) to avoid, remedy or mitigate localised flooding or surface water problems on the site;

7. Maintenance, pruning and removal of all non-scheduled vegetation within the site;

8. In the case of parking buildings and structures, maintenance, repairs and like for like replacement of parts of the building / structure (including but not limited to a building's interior and exterior cladding, cavities, roofs, doors, windows, lifts, stairwells and lighting, electrical and electronic systems);

9. Maintenance and replacement of communications, water supply and energy supply infrastructure necessary to support the above;

10. Earthworks to implement any of the above; and

11. Temporary traffic management necessary to implement any of the above.

1 For the avoidance of doubt, in the case of mixed use buildings, the specified works provided for by the designation only applies to the proportion of the building/structure dedicated to non ancillary public parking.

Works requiring an Outline Plan of Works

Auckland Transport shall prepare an Outline Plan of Works for any increase in the total number of public parking bays within the designated site, provided that this does not involve any new or extended parking structure or building. For the avoidance of doubt, any new or extended parking structure or building falls outside the scope of this designation.

Conditions

Construction Hours

1. Construction (including all works) shall be limited to the following hours, with the exception of emergency works pursuant to Sections 330 and 330B of the RMA:

Weekdays 7am - 10pm;

Saturdays 8am - 5pm;

Sundays & Public Holidays No work

Construction Noise Limits and Mitigation

2. Any construction works and related activities on the site shall be conducted so as to ensure that the resultant noise, as measured in accordance with the requirements of NZS 6803:1999 Acoustics – Construction Noise, meets the following noise limits all days of the year.

Day	Time period	Duration of work
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		Short term duration (less than 15 consecutive calendar days)	Long term duration
		Leq (dBA) (30 min)	Leq (dBA)
Weekdays	7am - 10pm	80	70
Saturdays	8am - 5pm	75	70

During construction, the principles for managing construction noise set out within New Zealand Standard 6803: 1999, Acoustics - Construction Noise shall be formally adopted.

Construction Vibrations

3. Any vibrations from construction activities shall comply with the following:

- i. Blasting and pile driving activities must be controlled to ensure any resulting ground vibration does not exceed the limits set out in Table 1 of DIN 41503 (1999): Structural vibration – Part 3 Effects of vibration on structures when measure on the foundation or the horizontal plane of the highest floor of an affected building.
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Affected occupied building or area	Time of day	Maximum vibration level in rms velocity (mm/s) between 8 and 80Hz
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Habitable rooms of buildings designed for residential use	7am-10pm	0.20
Sleeping areas of buildings designed for residential use	10pm-7am	0.14
Surgery rooms of health care facilities	All	0.10

Sediment Control during Earthworks

4. Any stormwater runoff arising from earthworks shall be contained and treated via an appropriate sediment control device to avoid additional sedimentation load being discharged into the public stormwater system. The location and specification of the erosion and sediment control device(s) shall be in accordance with Auckland Council Technical Publication 90 *Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region* or similar design.

Tree Protection Measures

5. Any trees on site shall be retained wherever possible. Prior to any site works, temporary tree protective fencing shall be erected around the base of trees to be retained. The temporary tree protection fences can be constructed using orange plastic mesh (or equivalent), but this must be supported by waratahs (or equivalent) placed firmly into the ground. The waratahs will have two stands of wire attached to them (top and bottom) and the orange plastic mesh must be fastened to the wires at 1 metre intervals (top and bottom). Any sediment control measures can be fixed to the lower of the temporary tree protection fence, but must be otherwise be installed to the manufacturer's standards. No works, storage of materials, cement/concrete washings and leaching of chemicals, tracking of any machinery, stockpiling of spoil, trenching or alteration of soil grade, or other contamination shall occur within those areas demarcated by a temporary protective fence. All temporary protective fences shall remain in place throughout the duration of the construction works.

Complaints Management

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6. A complaints management system shall be developed and implemented for construction works on the site. It must specify the responsible persons for maintaining the complaints register, procedures to be followed in investigating and resolving complaints and procedures for reporting complaints to Auckland Transport and Auckland Council.

Complaints Received: Construction Noise or Vibration

7. If any complaints are received regarding construction noise and/or vibration, monitoring and reporting shall be undertaken as required by Auckland Council to establish whether the activities are complying with the above requirements, and what action is required to ensure compliance.

Prior notice of construction activities

8. Neighbouring properties in the immediate vicinity of construction areas shall be given prior notice in writing of the commencement of construction activities no less than 5 working days before, and shall be informed about the expected duration of the works.

Network Utilities

9. The Requiring authority shall adopt best practice techniques for construction to ensure that all Network Utility Operators' infrastructure located on the site is protected and that public safety is ensured. The Requiring authority shall advise all Network Utility Operators at least 10 working days prior to the commencement of any work potentially affecting Network Utility Operators' infrastructure.

Archaeological and Heritage

10. Subject to condition 11, if any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease; and
- ii. The Requiring authority shall immediately secure the area so that any artefacts or remains are untouched; and
- iii. The Requiring authority shall notify tangata whenua, the New Zealand Historic Places Trust and Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

11. Condition 10 shall not apply where the Requiring authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

Damage to Adjacent Properties

12. The Requiring authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction. The Requiring authority will reinstate any property damaged during construction, including any instability or collapse of land or boundary treatments, or provide compensation to the affected owner if reinstatement is not possible.

As-Built Plans

13. The Requiring authority shall provide one set in hard copy and one set in electronic data file (via CD or email) of as-built plans for the Council's property files. The as-built plans shall be prepared in accordance with the requirements of the Auckland Council Development Code, detailing all engineering works completed.

Access

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14. That at all times reasonable physical access be maintained to other properties.

Attachments

No attachments.

1833 Road Widening - Murphy's Road and Flat Bush School Road

Designation Number	1833
Requiring Authority	Auckland Transport
Location	Flat Bush School Road and Murphys Road, Flat Bush
Rollover Designation	Yes
Legacy Reference	No number, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

1. The Council's administrative charges for receiving and determining of this Notice of Requirement or for any specified or additional matter in accordance with section 36 of the Act or any regulation under the Act, or as necessary to enable Council to recover its actual and reasonable costs in respect of this application, must be paid in full within 20 days of receipt of the invoice for this decision and this decision shall not be exercised prior to such payment.

2.

a. For the purpose of these conditions, "Works" has the same meaning as in the Notices of Requirement by Auckland Council (Transportation Planning) for a designation to upgrade Murphys Road and Flat Bush School Roads (MCC 1) and for - a designation to upgrade Murphys Road, Flat Bush (MCC2), dated March 2010.

b. That the works to give effect to the Designation, subject to final design and any modification required to comply with the conditions set out below, shall be generally in accordance with the plans and information submitted by Auckland Council (Transportation Planning) in support of these Notices of Requirement in the documents referenced Proposal 37139 (sheets 1-2) by Council.

c. For the purpose of these conditions the "Council" shall mean the "Auckland Council".

3. The scope and extent of the works envisaged within the designations shall be in accordance with the Notices of Requirement and the plans submitted with the Notice of Requirements (identified as Council reference Notices of Requirement MCC1 and MCC2) and subject to any modification required to comply with the conditions set out below.

4. The provisions of the Notices of Requirement shall be inserted into the Auckland Council Operative District Plan to reflect the nature and extent of the requirements.

5. The proposed works shall be undertaken in accordance with Auckland Council Engineering Quality Standards.

6. The stormwater reticulation provided as part of the proposed works -shall comply with the following

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requirements:

- a. The reticulation shall be designed for the 20% AEP storm flow.
 - b. The outlets from the reticulation shall in a suitable position to be included in the future piped reticulation of the downstream property.
7. The proposed temporary stormwater outlets shall be replaced with a permanent outlet by the Requiring Authority when the downstream land is developed and a suitable inlet to the piped reticulation within that land is provided.
8. The earthwork construction shall be undertaken in accordance with:
- a. The erosion and sediment control plan as detailed in the plans provided as part of the Requirement.
 - b. Auckland Regional Council Technical Publication 90 - TP90 Erosion and Sediment Control.
9. The works shall be undertaken in such a manner as to ensure that beyond the boundary of the site there should be no 'dust' or 'soil erosion/siltation', which in the opinion of the Team Leader - Resource Compliance, is objectionable, offensive or has the potential to create an adverse effect on the receiving environment.
10. The proposed sediment control measures shall be put in place before any other earthworks are undertaken on the site.
11. Control measures shall be in place to ensure that any trucks leaving the site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the Requiring Authority's expense.
12. Adequate access shall be maintained to each affected property in consultation with the occupier of the property, with a temporary access provided as necessary to allow the occupant convenient access.
13. Prior to development commencing, the Requiring Authority shall ensure that the owners and occupiers of all adjoining properties are notified in writing of the development in general, its expected duration, the times at which it will be undertaken, and the name of a responsible person with whom they can liaise if the need arises.
14. Land taken or held for the works shall be maintained to a reasonable standard until the physical works commence and for the duration of the construction works.
15. All traffic control measures shall conform to the current version, at the time of construction, of the Transit New Zealand manual entitled "Code of Practice for Temporary Traffic Control".
16. All necessary and practicable steps are to be taken to avoid damage to other utility services, the reading network, or private property.
17. All reinstatement within the road reserve is to be carried out in accordance with the current version of Council's "Code of Practice for Working in the Road".
18. The road construction works proposed are to be undertaken in a manner which ensures that the land on adjoining properties remain stable at all times.
19. During construction, New Zealand noise standard "NZS 6803:1999 Acoustics - Construction Noise" shall apply and that noise shall comply with the limits set down in Table 2 of NZS6803:1999 or where that is impractical alternative strategies shall be implemented to ensure that construction noise does not exceed agreed levels with affected persons.
20. All earthworks on the designated land are to be undertaken in a manner so as to minimise 'dust' or 'soil

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erosion/siltation' beyond the boundary of the site, which in the opinion of an enforcement officer who is employed by the Council, might be objectionable, offensive or have the potential to create an adverse effect on the receiving environment.

21. The hours of work shall generally be between 7.30am and 6.00pm, Monday to Saturday inclusive. However it is recognised that there will be occasions when, for the sake of maintaining access to properties and minimising disruption to traffic and property owners in the area, that working outside those hours will be of benefit to those people and to progress of the construction. Such occasions shall be part of the consultation process with those affected and shall also be agreed by specific approval of the Team Leader- Resource Compliance.

22. A protective fence of Day-Glo mesh attached to closely spaced Waratah standards should be erected at the driplines of the protected trees to be retained. The fences shall remain in place for the duration of all works in the vicinity of the particular tree/s. The area of ground enclosed by the protective fence shall be treated as a total exclusion zone. No storage of materials or equipment, or passage of vehicles or machinery, shall occur in that area.

23. An arborist shall be present when the excavations are being undertaken within the root zone of any of the protected trees identified for retention within the project area. Any roots encountered shall be cleanly severed under observation of the arborist in order to prevent unnecessary tearing.

24. Any contouring carried out in the vicinity of any retained tree should avoid the severance of roots of significant size or function. Any roots that may be encountered during the definition of the edge of the new road, where within the root zone of any protected tree, shall be severed cleanly at the excavation face under observation of the arborist required in Condition 23. This section of the edge of the road shall be defined by hand (spade) to the depth required prior to any scrape by machine.

Attachments

No attachments.

1834 Road Widening - Flat Bush School Road

Designation Number	1834
Requiring Authority	Auckland Transport
Location	21 and 39 Flat Bush School Road and 66 Thomas Road, Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 310, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

1. The period which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184 (1) of the RMA.

2. The proposed works shall be undertaken in general accordance with the Requirement Plans referenced as 60370-STG2&3 –SU-81 and 82 Rev 1.

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3. The proposed works shall be undertaken in accordance with the relevant Engineering Quality Standards.
4. The works shall be undertaken in such a manner as to ensure that beyond the boundary of the site there should be no 'dust' or 'soil erosion / siltation'.
5. Control measures shall be in place to ensure that any trucks leaving the site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the Requiring Authority's expense.
6. Adequate access shall be maintained to each affected property in consultation with the occupier of the property, with a temporary access provided as necessary to allow the occupant convenient access.
7. Prior to development commencing, the Requiring Authority shall ensure that the owners and occupiers of all adjoining properties are notified in writing of the development in general, its expected duration, the times at which it will be undertaken, and the name of a responsible person with whom they can liaise if the need arises.
8. All traffic control measures shall conform to the current version, at the time of construction, of the Transit New Zealand manual entitled "Code of Practice for Temporary Traffic Control".
9. All necessary and practicable steps are to be taken to avoid damage to other utility services, the roading network, or private property.
10. All reinstatement within the road reserve is to be carried out in accordance with the current version of Council's "Code of Practice for Working in the Road".
11. The road construction works proposed are to be undertaken in a manner which ensures that the land on adjoining properties remain stable at all times.
12. During construction, New Zealand noise standard "NZS 6803:1999 Acoustics - Construction Noise" shall apply and that noise shall comply with the limits set down in Table 2 of NZS6803:1999 or where that is impractical alternative strategies shall be implemented to ensure that construction noise does not exceed agreed levels with affected persons.
13. The hours of work shall be restricted to between 7.30am and 6.00pm, Monday to Saturday inclusive, with any variation subject to approval of the Council.
14. That the maximum batters and minimum berm cross falls be in accordance with the submitted typical cross sections depicted on drawing no 60370-S2P2-RD-211 dated 15 February 2011 and prepared by Woods.

Advice Notes

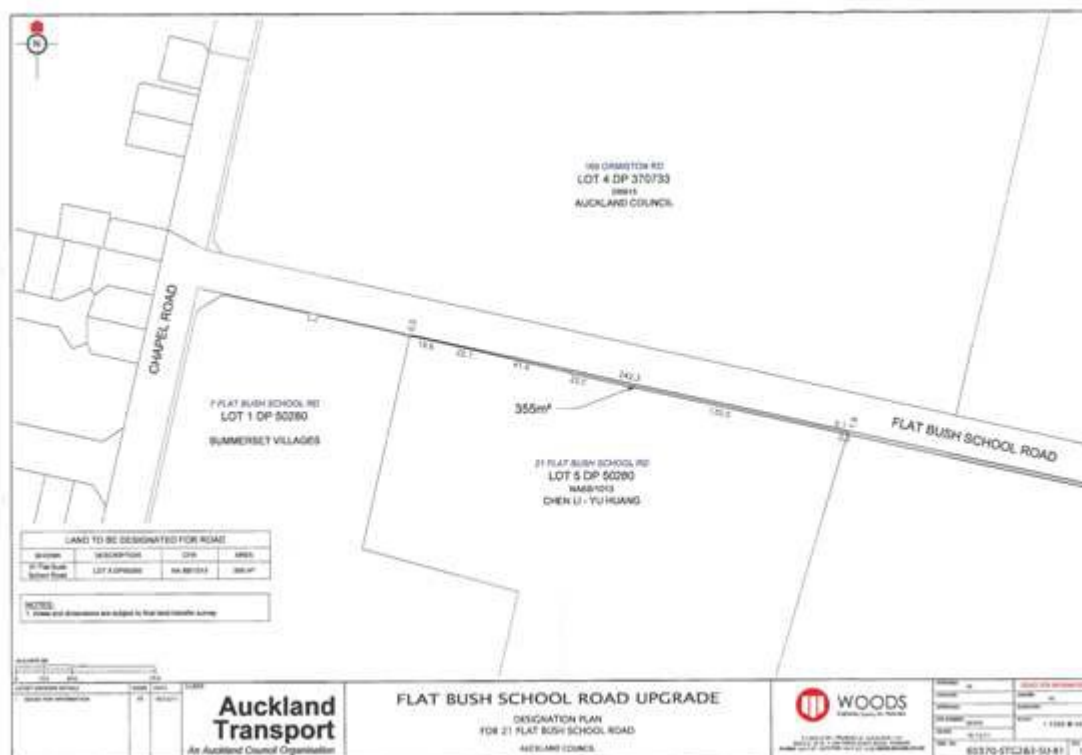
1. That advice has been provided that the proposed road boundary and the non-standard berm widths are those which are ultimately required and no further general widening will be required at the time of subdivision or development of the adjoining land.
2. It is noted that the designation does not provide for the southern leg of the Flat Bush School Road and Brookview Drive intersection, which is intended, will be provided in conjunction with future development and subdivision.
3. Although the designated area does not contain any known archaeological sites, it is possible that unrecorded sites may exist. Under the Historic Places Act 1993, it is unlawful for any person to destroy, damage or modify an archaeological site unless the relevant consents have been obtained from the New Zealand Historic Places Trust. In the event of archaeological features being uncovered (e.g. shell midden, hangi or oven stones,

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pit depressions, defensive ditches, artifact material or human bones) work is to cease in the vicinity of the discovery and the New Zealand Historic Places Trust and appropriate iwi authorities shall be contacted so that the appropriate action can be taken. This includes such persons being given reasonable time to record and recover archaeological features discovered before work may recommence.

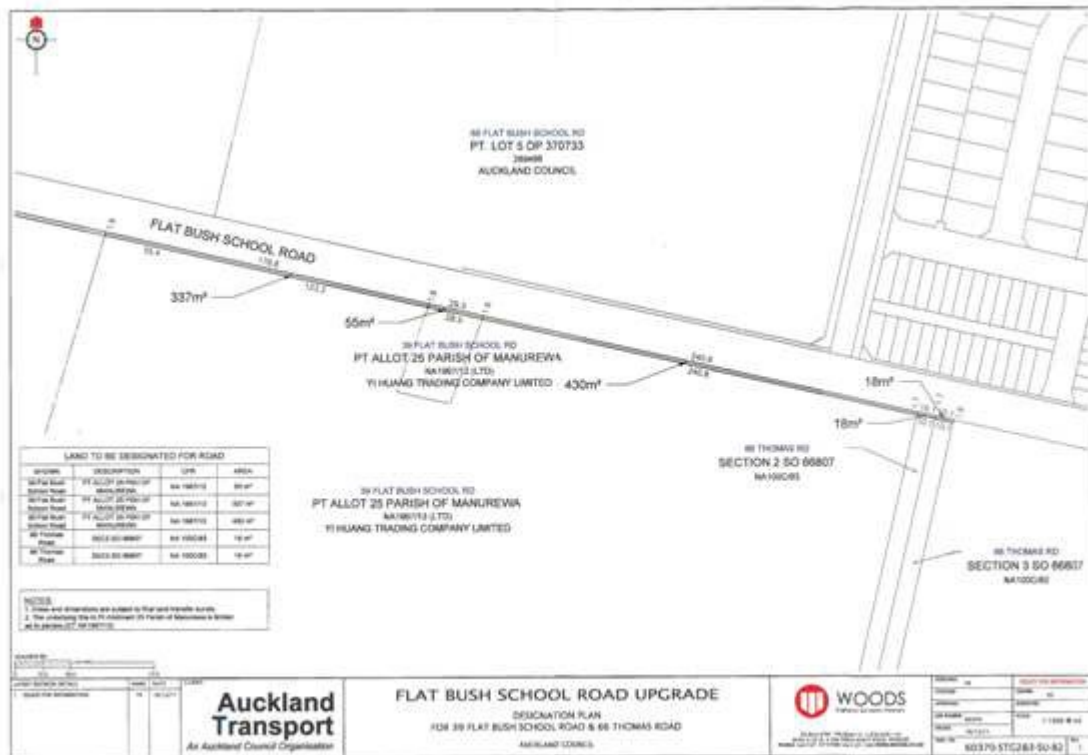
Attachments

Designation Plans for Flat Bush School Road Road Widening



200910 Auckland Transport Engineering Information Designs 21 Flat Bush School Road Upgrade Plan, 200910, 65370-57C283-SU-81, 200910-1000

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Chorus New Zealand Ltd

Designation Schedule - Chorus New Zealand Ltd

Number	Purpose	Location
2600	Telecommunication and radiocommunication and ancillary purposes	102 Rodney Street (State Highway 1), Wellsford
2601	Telecommunication and radiocommunication and ancillary purposes	46 Hauraki Road, Leigh
2602	Telecommunication and radiocommunication and ancillary purposes	6 Okahukura Road, Taporā
2603	Telecommunication and radiocommunication and ancillary purposes	Leigh Road (Pt Lot 1 DP 55418), Matakana
2604	Telecommunication and radiocommunication and ancillary purposes	180 Kraack Road, Warkworth
2605	Telecommunication and radiocommunication and ancillary purposes	26 Old Woodcocks Road, Kaipara Flats
2606	Telecommunication and radiocommunication and ancillary purposes	2 Morpeth Street and 27 Neville Street, Warkworth
2607	Telecommunication and radiocommunication and ancillary purposes	Moirs Hill Road (Lot 1 DP 139886), Moirs Hill, Warkworth
2608	Telecommunication and radiocommunication and ancillary purposes	572 Mahurangi East Road, Algies Bay

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2609	Telecommunication and radiocommunication and ancillary purposes	Shelley Beach Road (Pt Sec 7 SO46285), South Kaipara Head
2610	Telecommunication and radiocommunication and ancillary purposes	Mahurangi West Road (Pt Allot 116 SO46774), Puhoi
2611	Telecommunication and radiocommunication and ancillary purposes	27 Red Beach Road, Red Beach
2612	Telecommunication and radiocommunication and ancillary purposes	State Highway 16 (Pt Allot 12 SO55728), Kaukapakapa
2613	Telecommunication and radiocommunication and ancillary purposes	463A Whangaparaoa Road, Stanmore Bay
2614	Telecommunication and radiocommunication and ancillary purposes	1-3 Tower Hill, Manly
2615	Telecommunication and radiocommunication and ancillary purposes	21 Commercial Road, Helensville
2616	Telecommunication and radiocommunication and ancillary purposes	Old North Road (Lot 1 DP135364), Helensville
2617	Telecommunication and radiocommunication and ancillary purposes	Corner Waimauku Station Road and Factory Road (Pt Lot 24 SO54691), Waimauku
2618	Telecommunication and radiocommunication and ancillary purposes	56-58 State Highway 16, Kumeu
2619	Telecommunication and radiocommunication and ancillary purposes	22A Mokoia Road, Birkenhead
2620	Telecommunication and radiocommunication and ancillary purposes	21 Birkdale Road, Birkdale
2621	Telecommunication and radiocommunication and ancillary purposes	2 Mozeley Avenue, Devonport
2622	Telecommunication and radiocommunication and ancillary purposes	Quinns Road (Lot 1 DP 139432), Waiatarua
2623	Telecommunication and radiocommunication and ancillary purposes	6 Clayburn Road, Glen Eden
2624	Telecommunication and radiocommunication and ancillary purposes	1198A Huia Road, Huia
2625	Telecommunication and radiocommunication and ancillary purposes	142-144 Don Buck Road, Massey
2626	Telecommunication and radiocommunication and ancillary purposes	3125 Great North Road, New Lynn
2627	Telecommunication and radiocommunication and ancillary purposes	410 Old Te Atatu Road, Te Atatu
2628	Telecommunication and radiocommunication and ancillary purposes	504 South Titirangi Road, Titirangi
2629	Telecommunication and radiocommunication and ancillary purposes	462A Scenic Drive, Waiatarua
2630	Telecommunication and radiocommunication and ancillary purposes	10 McEntee Road, Waitakere

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2631	Telecommunication and radiocommunication and ancillary purposes	49 Kauri Road, Whenuapai
2632	Telecommunication and radiocommunication and ancillary purposes	4 Summer Street, Ponsonby
2633	Telecommunication and radiocommunication and ancillary purposes	168B St Heliers Bay Road, St Heliers
2634	Telecommunication and radiocommunication and ancillary purposes	402 St Johns Road, Meadowbank
2635	Telecommunication and radiocommunication and ancillary purposes	2B Poronui Street, Mt Eden
2636	Telecommunication and radiocommunication and ancillary purposes	6 St Jude Street, Avondale
2637	Telecommunication and radiocommunication and ancillary purposes	2 Jasper Avenue, Mt Roskill
2638	Telecommunication and radiocommunication and ancillary purposes	1 Kalmia Street, Ellerslie
2639	Telecommunication and radiocommunication and ancillary purposes	6 Stewart Avenue, Panmure
2640	Telecommunication and radiocommunication and ancillary purposes	589 Mount Albert Road, Royal Oak
2641	Telecommunication and radiocommunication and ancillary purposes	135 Boundary Road, Blockhouse Bay
2642	Telecommunication and radiocommunication and ancillary purposes	58 Princes Street, Onehunga
2643	Telecommunication and radiocommunication and ancillary purposes	12 Piki Thompson Way, Otahuhu
2644	Telecommunication and radiocommunication and ancillary purposes	1 Clevedon Kawakawa Road, Clevedon
2645	Telecommunication and radiocommunication and ancillary purposes	6 Grammar School Road, Pakuranga Heights
2646	Telecommunication and radiocommunication and ancillary purposes	477C Redoubt Road, Manukau Central
2647	Telecommunication and radiocommunication and ancillary purposes	2 Bertram Road, Kawakawa Bay
2648	Telecommunication and radiocommunication and ancillary purposes	135 Harris Road, East Tamaki
2649	Telecommunication and radiocommunication and ancillary purposes	63 Ashgrove Road, Mangere
2650	Telecommunication and radiocommunication and ancillary purposes	7 Whitford Wharf Road, Whitford
2651	Telecommunication and radiocommunication and ancillary purposes	176 Bairds Road, Otara
2652	Telecommunication and radiocommunication and ancillary purposes	20 Lakewood Court, Manukau City

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2653	Telecommunication and radiocommunication and ancillary purposes	175 Great South Road, Manurewa
2654	Telecommunication and radiocommunication and ancillary purposes	Whitford-Maraetai Road (Section 2 SO 433361 and Section 4 SO 433361), Beachlands
2655	Telecommunication and radiocommunication and ancillary purposes	180 Flanagan Road, Drury
2656	Telecommunication and radiocommunication and ancillary purposes	McKenzie Road (Lot 13 DP 37599), Waiau Pa
2657	Telecommunication and radiocommunication and ancillary purposes	7B Hall Street, Pukekohe
2658	Telecommunication and radiocommunication and ancillary purposes	Brookside Road (Pt Allotment 318 PSH of Waiuku East), Waiuku
2659	Telecommunication and radiocommunication and ancillary purposes	Charles Road (Lot 2 DP 23793), Karaka
2660	Telecommunication and radiocommunication and ancillary purposes	11 Mauku Road, Puni
2661	Telecommunication and radiocommunication and ancillary purposes	Awhitu Road (Pt Allotment 18 PSH of Waitara), Waiuku
2662	Telecommunication and radiocommunication and ancillary purposes	Hunua Road (Pt Allotment 24 PSH of Hunua and Pt Allotment 24B PSH of Hunua), Hunua
2663	Telecommunication and radiocommunication and ancillary purposes	Paparimu Road (Lot 1 DP 139880), Hunua
2664	Telecommunication and radiocommunication and ancillary purposes	75 Main Road (near Puketutu Road), Bombay

2600 Wellsford Telecommunications Site

Designation Number	2600
Requiring Authority	Chorus New Zealand Ltd
Location	102 Rodney Street (State Highway 1), Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 801, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:

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- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a.
 - i. At the boundary of any adjacent residential zoned property; or
 - ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

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2601 Leigh Telecommunications Site

Designation Number	2601
Requiring Authority	Chorus New Zealand Ltd
Location	46 Hauraki Road, Leigh
Rollover Designation	Yes
Legacy Reference	Designation 802, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a.
 - i. At the boundary of any adjacent residential zoned property; or
 - ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on

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circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2602 Taporā Telecommunications Site

Designation Number	2602
Requiring Authority	Chorus New Zealand Ltd
Location	6 Okahukura Road, Taporā
Rollover Designation	Yes
Legacy Reference	Designation 803, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:

- Any internal building works (excluding equipment generating external noise);
- Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- The replacement of any antennas with antennas of similar size provided that there is no increase in the

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overall height of the facility; or

d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a.

i. At the boundary of any adjacent residential zoned property; or

ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2603 Matakana Telecommunications Site

Designation Number	2603
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Requiring Authority	Chorus New Zealand Ltd
Location	Leigh Road (Pt Lot 1 DP 55418), Matakana
Rollover Designation	Yes
Legacy Reference	Designation 804, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

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5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2604 Kraack Hill Telecommunications Site

Designation Number	2604
Requiring Authority	Chorus New Zealand Ltd
Location	180 Kraack Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 805, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:

- Any internal building works (excluding equipment generating external noise);
- Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

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3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a.

i. At the boundary of any adjacent residential zoned property; or

ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2605 Kaipara Flats Telecommunications Site

Designation Number	2605
Requiring Authority	Chorus New Zealand Ltd
Location	26 Old Woodcocks Road, Kaipara Flats
Rollover Designation	Yes

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Legacy Reference	Designation 806, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a

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reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2606 Warkworth Telecommunications Site

Designation Number	2606
Requiring Authority	Chorus New Zealand Ltd
Location	2 Morpeth Street and 27 Neville Street, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 807, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a.

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- i. At the boundary of any adjacent residential zoned property; or
 - ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
 - b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
 - c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)
4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2607 Moirs Hill Telecommunications Site

Designation Number	2607
Requiring Authority	Chorus New Zealand Ltd
Location	Moirs Hill Road (Lot 1 DP 139886), Moirs Hill, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 810, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 35m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a.
 - i. At the boundary of any adjacent residential zoned property; or
 - ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

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Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2608 Mahurangi Telecommunications Site

Designation Number	2608
Requiring Authority	Chorus New Zealand Ltd
Location	572 Mahurangi East Road, Algies Bay
Rollover Designation	Yes
Legacy Reference	Designation 811, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling;

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

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b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2609 Kaipara Telecommunications Site

Designation Number	2609
Requiring Authority	Chorus New Zealand Ltd
Location	Shelly Beach Road (Pt Sec 7 SO46285), Kaipara
Rollover Designation	Yes
Legacy Reference	Designation 812, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 35m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a.

- i. At the boundary of any adjacent residential zoned property; or
- ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling;

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

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Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2610 Puhoi Telecommunications Site

Designation Number	2610
Requiring Authority	Chorus New Zealand Ltd
Location	Mahurangi West Road (Pt Allott 116 SO46774), Puhoi
Rollover Designation	Yes
Legacy Reference	Designation 813, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 35m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

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7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2611 Red Beach Telecommunications Site

Designation Number	2611
Requiring Authority	Chorus New Zealand Ltd
Location	27 Red Beach Road, Red Beach
Rollover Designation	Yes
Legacy Reference	Designation 814, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

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Outline Plans

2. That an Outline Plan of works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a.

- i. At the boundary of any adjacent residential zoned property; or
- ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

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No attachments.

2612 Kaukapakapa Telecommunications Site

Designation Number	2612
Requiring Authority	Chorus New Zealand Ltd
Location	State Highway 16 (Pt Allot 12 SO55728), Kaukapakapa
Rollover Designation	Yes
Legacy Reference	Designation 815, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in

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any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2613 Whangaparaoa Telecommunications Site

Designation Number	2613
Requiring Authority	Chorus New Zealand Ltd
Location	463A Whangaparaoa Road, Stanmore Bay
Rollover Designation	Yes
Legacy Reference	Designation 817, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:

- Any internal building works (excluding equipment generating external noise);
- Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and

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subject to compliance with noise conditions set out below;

- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a.

- i. At the boundary of any adjacent residential zoned property; or
- ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2614 Hibiscus Coast Telecommunications Site

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Designation Number	2614
Requiring Authority	Chorus New Zealand Ltd
Location	1-3 Tower Hill, Manly
Rollover Designation	Yes
Legacy Reference	Designation 818, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance

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with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2615 Helensville Telecommunications Site

Designation Number	2615
Requiring Authority	Chorus New Zealand Ltd
Location	21 Commercial Road, Helensville
Rollover Designation	Yes
Legacy Reference	Designation 819, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse data)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:

- Any internal building works (excluding equipment generating external noise);
- Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

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Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a.

i. At the boundary of any adjacent residential zoned property; or

ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2616 Tikokopu Telecommunications Site

Designation Number	2616
Requiring Authority	Chorus New Zealand Ltd
Location	Old North Road (Lot 1 DP135364), Helensville

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Rollover Designation	Yes
Legacy Reference	Designation 820, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 35m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the

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equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2617 Waimauku Telecommunications Site

Designation Number	2617
Requiring Authority	Chorus New Zealand Ltd
Location	Corner Waimauku Station Road and Factory Road (Pt Lot 24 SO54691), Waimauku
Rollover Designation	Yes
Legacy Reference	Designation 821, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power

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generation) shall not exceed the following noise limits:

a.

i. At the boundary of any adjacent residential zoned property; or

ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A) b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2618 Kumeu Telecommunications Site

Designation Number	2618
Requiring Authority	Chorus New Zealand Ltd
Location	56 Main Road, Kumeu
Rollover Designation	Yes
Legacy Reference	Designation 822, Auckland Council District Plan (Rodney Section) 2011

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 25m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

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6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2619 Birkenhead Telecommunications Site

Designation Number	2619
Requiring Authority	Chorus New Zealand Ltd
Location	22A Mokoia Road, Birkenhead
Rollover Designation	Yes
Legacy Reference	Designation 93, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 20m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:

- Any internal building works (excluding equipment generating external noise);
- Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

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4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

9. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

2620 Birkdale Telecommunications Site

Designation Number	2620
Requiring Authority	Chorus New Zealand Ltd
Location	21 Birkdale Road, Birkdale
Rollover Designation	Yes
Legacy Reference	Designation 94, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential zoned boundaries and road boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

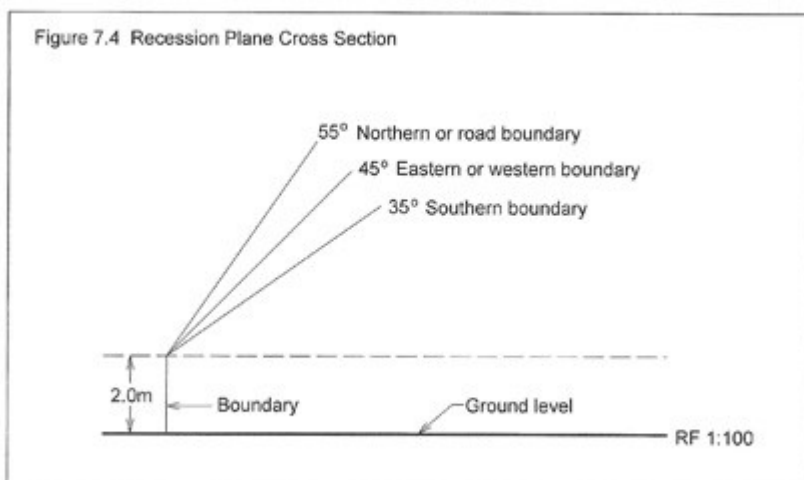
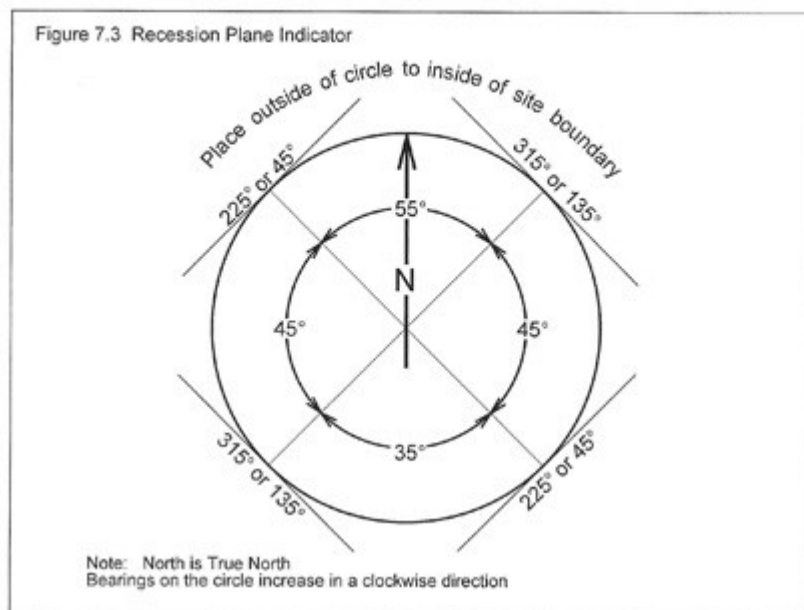
The Proposed Auckland Unitary Plan (notified 30 September 2013)

Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



2621 Devonport Telecommunications Site

Designation Number	2621
Requiring Authority	Chorus New Zealand Ltd
Location	2 Mozeley Avenue, Devonport
Rollover Designation	Yes
Legacy Reference	Designation 95, Auckland Council District Plan (North Shore Section) 2002

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential zoned boundaries and road boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

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9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

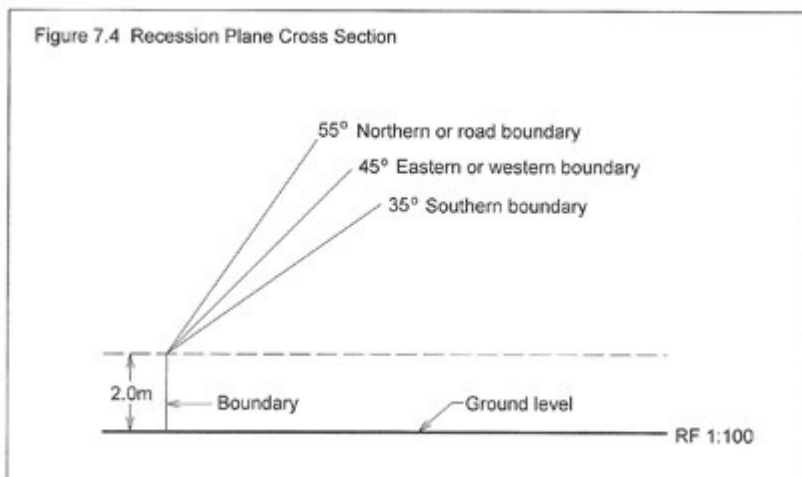
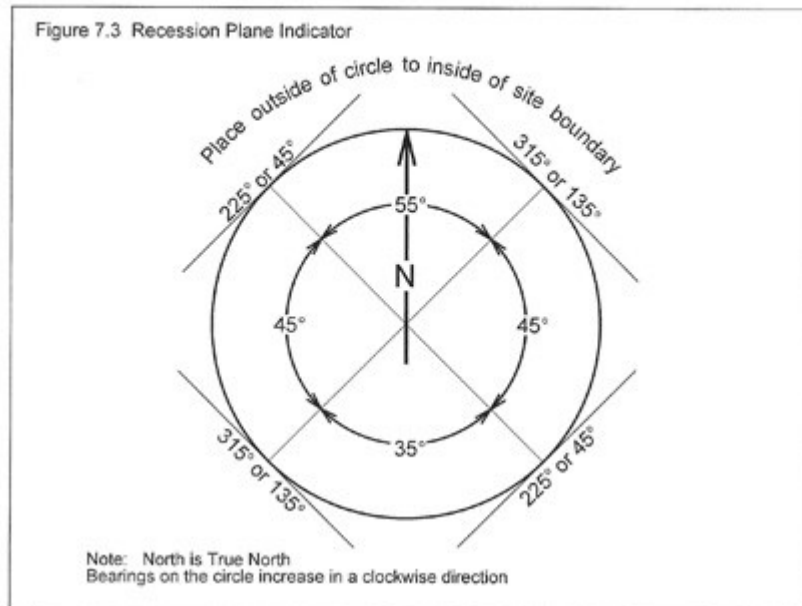
10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



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Designation Number	2622
Requiring Authority	Chorus New Zealand Ltd
Location	Quinns Road (Lot 1 DP 139342), Waiatarua
Rollover Designation	Yes
Legacy Reference	Designation PH1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Outline Plans

1. That an outline plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

2. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

3. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 2 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

4. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 2, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

5. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

6. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

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Vegetation Removal

7. Any removal or pruning of indigenous vegetation shall be limited to that reasonably necessary to maintain and operate telecommunication and radiocommunication equipment on the site.

Attachments

No attachments.

2623 Glen Eden Telecommunications Site

Designation Number	2623
Requiring Authority	Chorus New Zealand Ltd
Location	6 Clayburn Road, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation PH2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

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Outline Plans

7. That an Outline Plan of works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

10. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

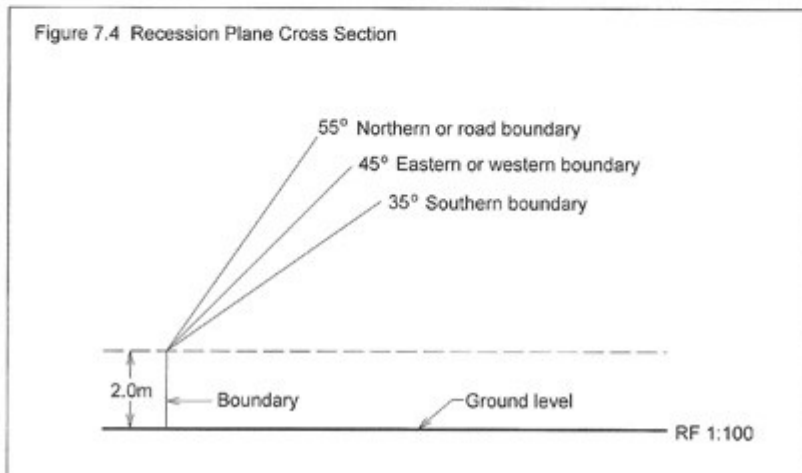
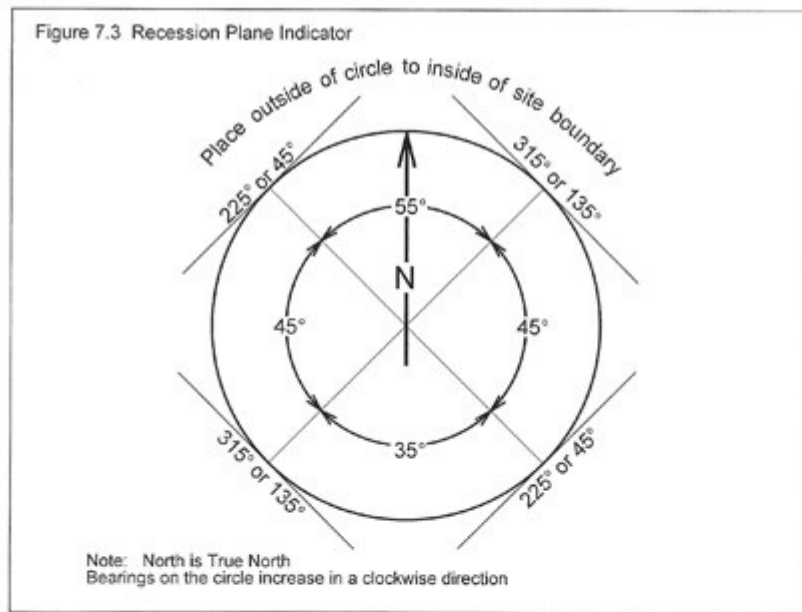
Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2624 Huia Telecommunications Site

Designation Number	2624
Requiring Authority	Chorus New Zealand Ltd
Location	1198A Huia Road, Huia
Rollover Designation	Yes
Legacy Reference	Designation PH3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
10. For any changes or additions to the engine alternators on the site, where the noise from all engine

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alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

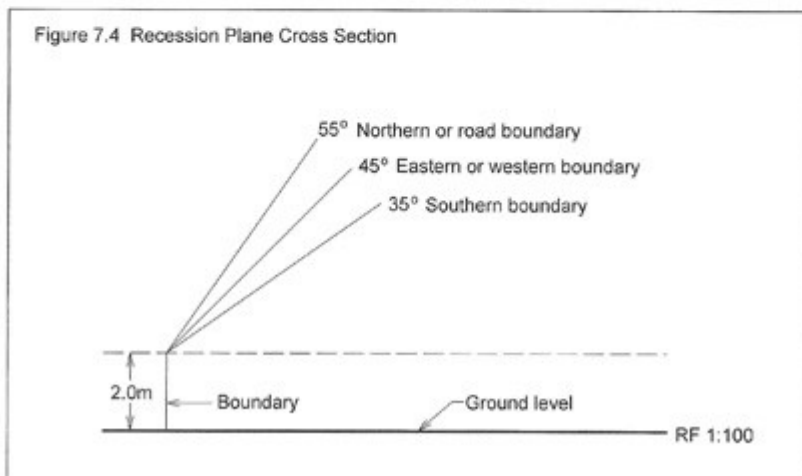
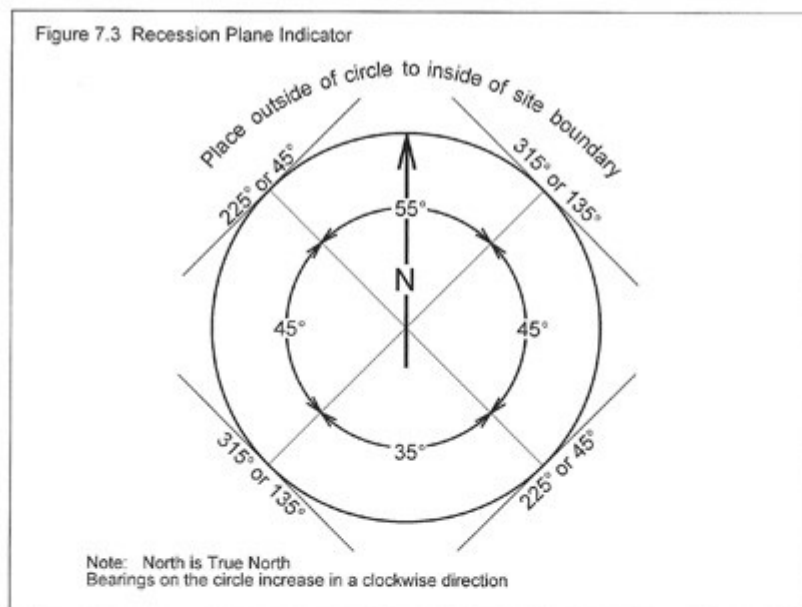
11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



2625 Massey Telecommunications Site

Designation Number	2625
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Chorus New Zealand Ltd
Location	142-144 Don Buck Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation PH4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

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8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

10. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

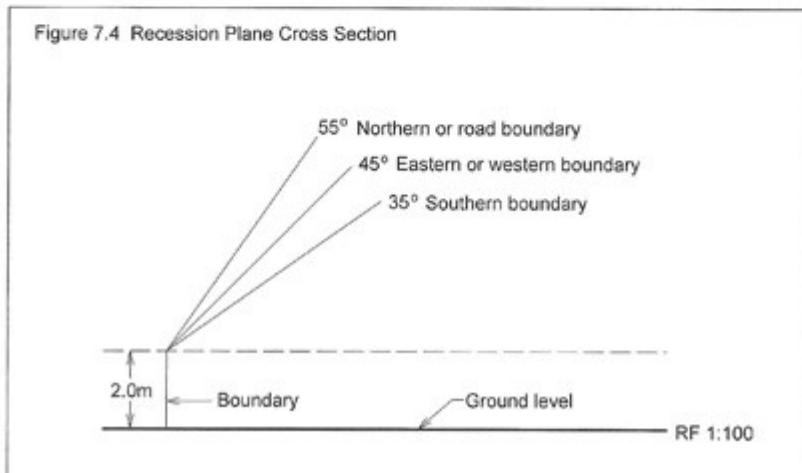
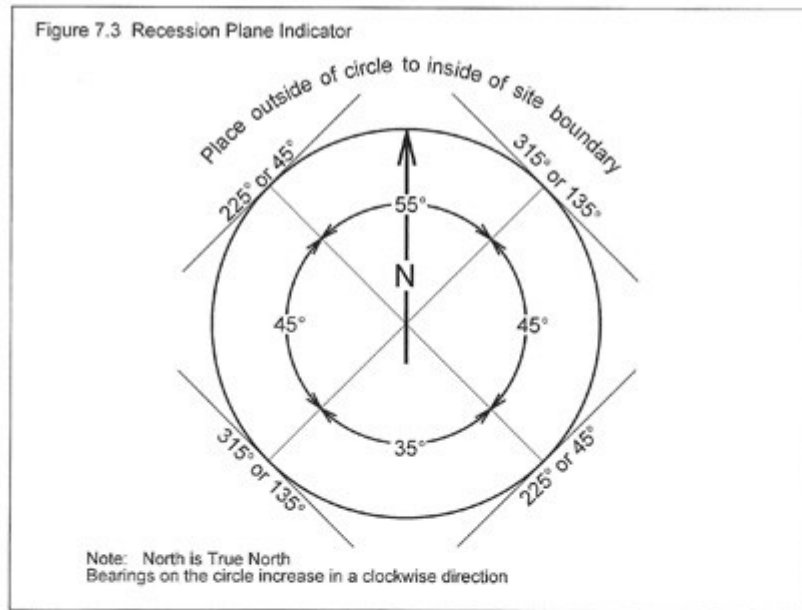
Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2626 New Lynn Telecommunications Site

Designation Number	2626
Requiring Authority	Chorus New Zealand Ltd
Location	3125 Great North Road, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation PH5, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20 m above ground level (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2627 Te Atatu Telecommunications Site

Designation Number	2627
Requiring Authority	Chorus New Zealand Ltd
Location	410 Old Te Atatu Road, Te Atatu
Rollover Designation	Yes

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Legacy Reference	Designation PH7, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)

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10pm – 7am on any day: Leq 40 dB(A)

9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

10. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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Figure 7.3 Recession Plane Indicator

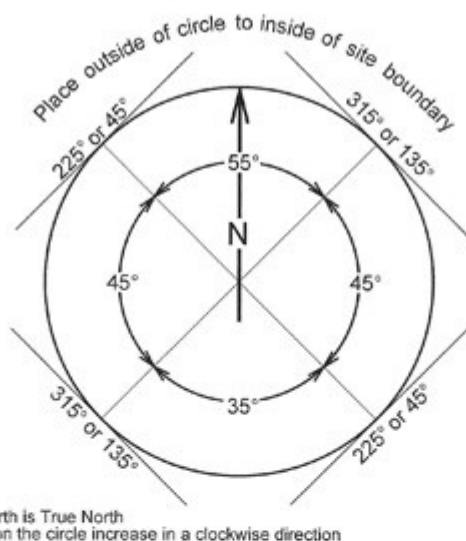
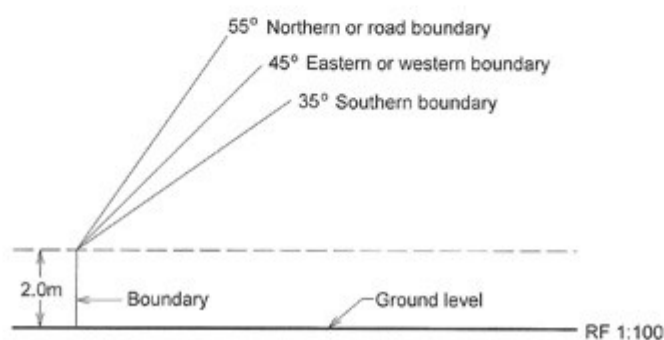


Figure 7.4 Recession Plane Cross Section



2628 Titirangi Telecommunications Site

Designation Number	2628
Requiring Authority	Chorus New Zealand Ltd
Location	504 South Titirangi Road (Corner intersection with Park Road, Titirangi)
Rollover Designation	Yes
Legacy Reference	Designation PH8, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
10. For any changes or additions to the engine alternators on the site, where the noise from all engine

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alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

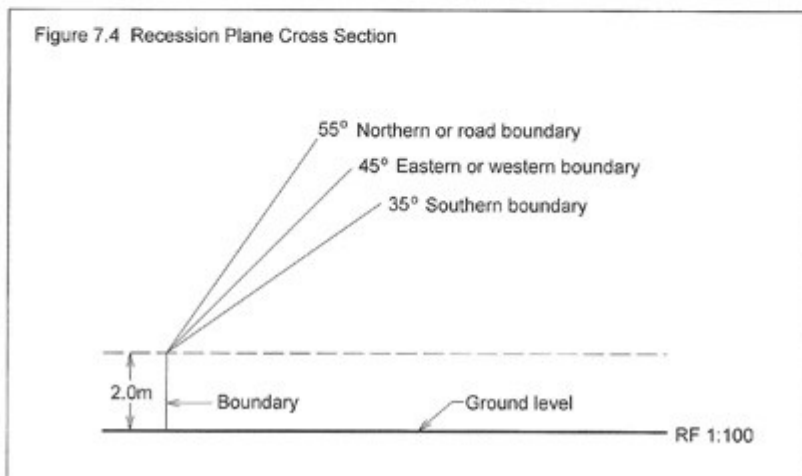
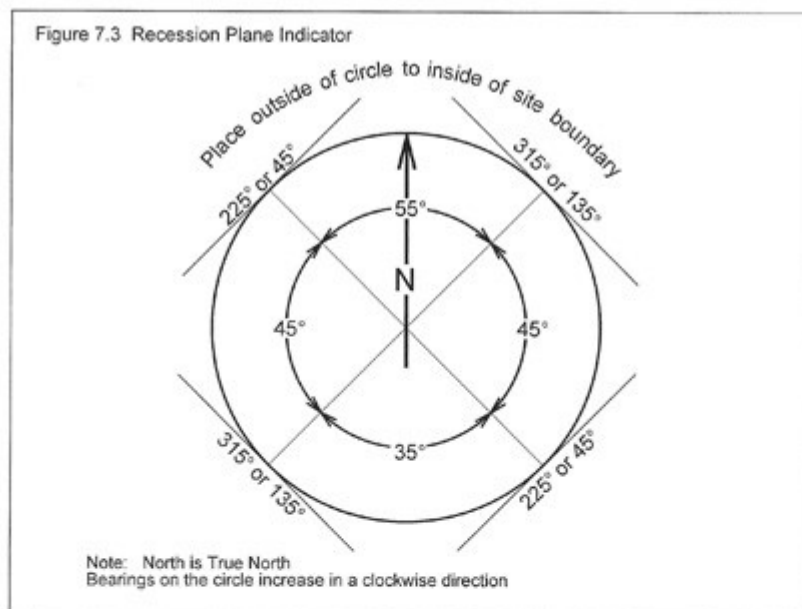
11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



2629 Waiatarua Telecommunications Site

Designation Number	2629
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Chorus New Zealand Ltd
Location	462A Scenic Drive, Waikarua
Rollover Designation	Yes
Legacy Reference	Designation PH9, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

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8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

10. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

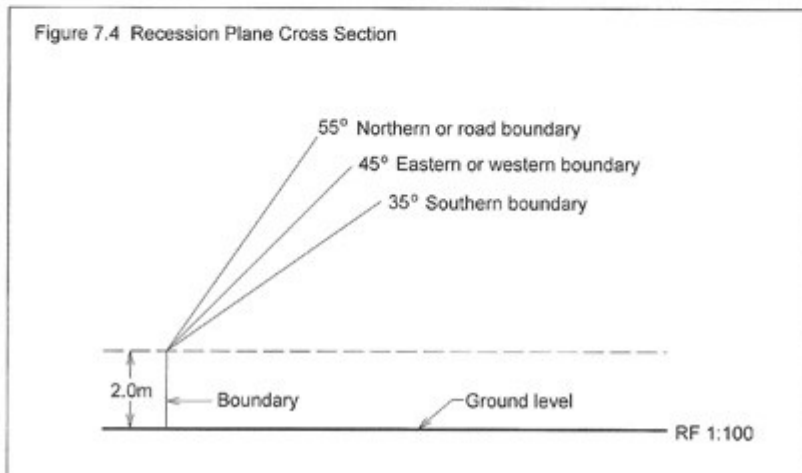
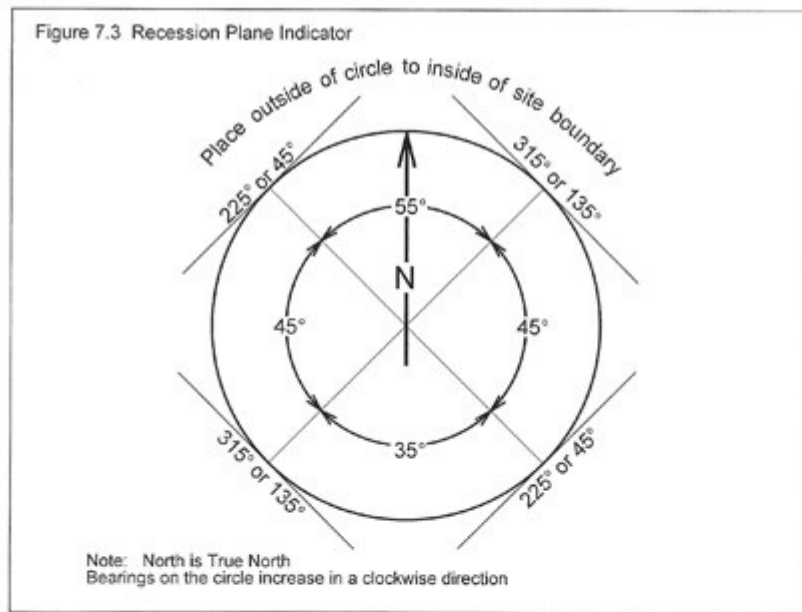
Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2630 Waitakere Telecommunications Site

Designation Number	2630
Requiring Authority	Chorus New Zealand Ltd
Location	10 McEntee Road, Waitakere
Rollover Designation	Yes
Legacy Reference	Designation PH10, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
10. For any changes or additions to the engine alternators on the site, where the noise from all engine

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alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

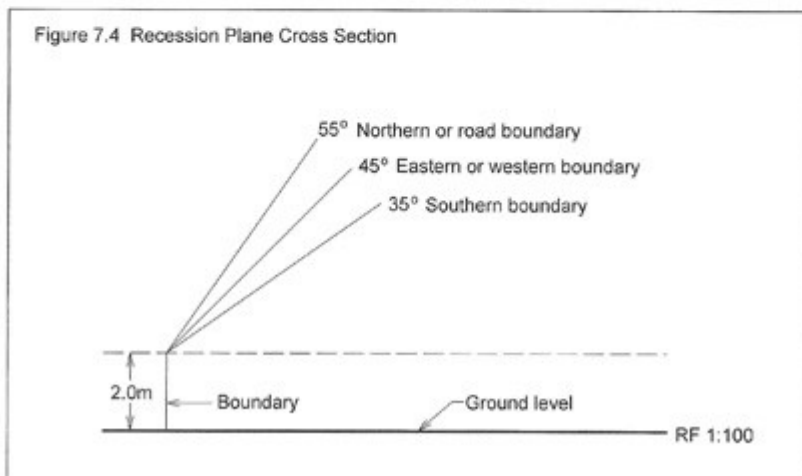
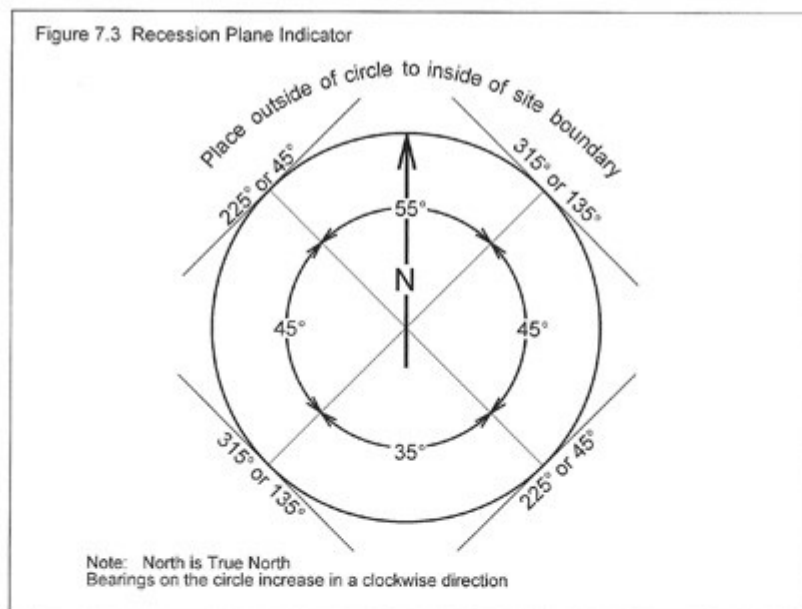
11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



2631 Whenuapai Telecommunications Site

Designation Number	2631
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Chorus New Zealand Ltd
Location	49 Kauri Road, Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation PH11, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the notional boundary 20m from the facade of any dwelling, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

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7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2632 Ponsonby Telecommunications Site

Designation Number	2632
Requiring Authority	Chorus New Zealand Ltd
Location	4 Summer Street, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation B07-92, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 15 m above ground level (excluding any lightning rod).

2. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009. Any mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.

3. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the roof provided they comply with Condition 1. and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).

4. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of masts on the site for use by these requiring authorities shall not exceed 1(one).

6. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve)

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antennas. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of antennas on the site for use by these requiring authorities shall not exceed 12 (twelve).

Buildings

7. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:

- a. Height: 8 m;
- b. Front yard: 5 m;
- c. Height in relation to boundary - shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009; and
- d. Maximum building coverage: 40%. This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

8. That an Outline Plan of Works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility; or
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

9. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

- b. At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

10. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 9 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

11. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 9 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

12. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

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13. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

14. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

15. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or
- b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Operational Planning

16. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

17. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday.

For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Heritage Management

18. Any outline plan to remove, demolish, alter or replace the existing exchange building shall demonstrate that the works are necessary in order to meet the purpose of the designation, and shall be supported by a specific Heritage Assessment prepared by a suitably qualified person. As part of any outline plan to undertake external additions or alterations to the exchange building, the Heritage Assessment shall include an assessment of the following criteria:

- a. The form, mass, proportion and scale of the external additions and alterations shall be compatible with the

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prevailing architectural style of the existing building on the site;

- b. Alterations to expand the building within a roof space shall respect, and leave dominantly visible, the form and lines of the existing roof;
- c. Where decoration and architectural features are used, such features shall follow the characteristic form and detail of the existing building on the site;
- d. Changes to the frontage of the existing building shall not detract from the heritage character of the whole fabric, design or character of the original detailing of the facade;
- e. Materials shall be the same or similar as the existing materials of the building so that the new building work is consistent with the traditional character and material of the existing building on the site; and
- f. For parts of the building highly visible to the street or public place, new windows or doors shall be consistent with the proportions and detail of the windows and doors of the existing facade.

As part of any outline plan to remove or demolish more than 30% of the exchange building, the Heritage Assessment shall include an assessment of the following criteria:

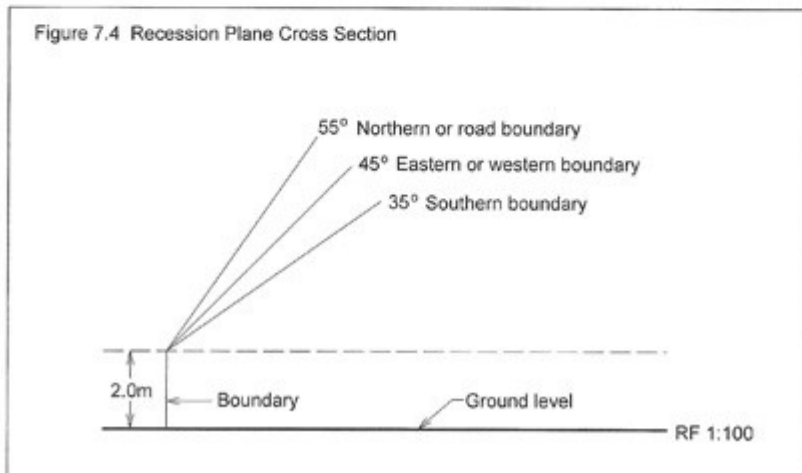
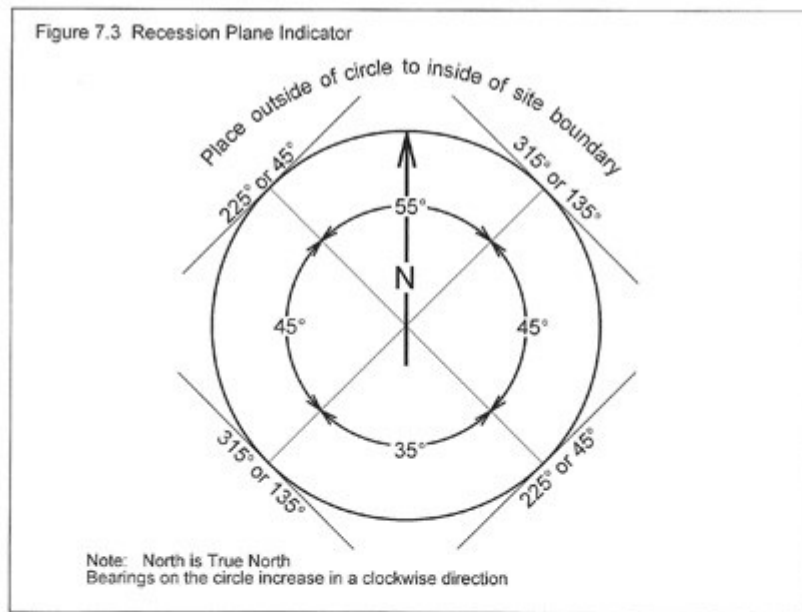
- i. Whether the building has retained its original (or repaired) visual design features relating to form, mass, proportion and materials so that restoration/ renovation of the building is practical and reasonable.
- ii. Whether the demolition or removal of the building will detract from the continuity and special character of the streetscape as a whole.
- iii. Whether any historical qualities and original design features of the existing building are visible from a public place.

Notwithstanding the above, in the case of alterations involving external fixtures that remain similar in character and scale (e.g. upgrading/replacement of exhaust flues, air conditioning plant or equipment of a like nature), the Council (Resource Consents Team Manager) may at their discretion waive the need for a Heritage Assessment (excluding works to the front facade).

Attachments

Diagram 7.3 Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2633 Glendowie Telecommunications Site

Designation Number	2633
Requiring Authority	Chorus New Zealand Ltd
Location	168B St Heliers Bay Road, St Heliers
Rollover Designation	Yes
Legacy Reference	Designation C15-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 11m above ground level (excluding any lightning rod).
2. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the roof provided they comply with Condition 1 and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
4. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast.
6. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas.

Buildings

7. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 8m;
 - b. Yards: 1.5m;
 - c. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009; and
 - d. Maximum building coverage: 40%.

This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures, except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

8. That an Outline Plan of Works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

9. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limit:

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a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

b. At the boundary of any adjacent residential zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

10. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 9 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

11. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 9 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

12. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

13. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

14. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

15. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or

b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Flooding

16. The site is subject to potential flood hazards. Any new structures constructed within an overland flow path

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affecting this site shall be designed to avoid any increase in flood hazard risk including risk to neighbouring property. This shall be assessed in any outline plan of works. The foundations of structures housing equipment shall be designed so the finalised floor level is location above the minimum freeboard level for a 1 in 100 year flood. For the avoidance of doubt this shall exclude the base of any mast not containing water sensitive equipment.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday.

18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday.

For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Advice Notes

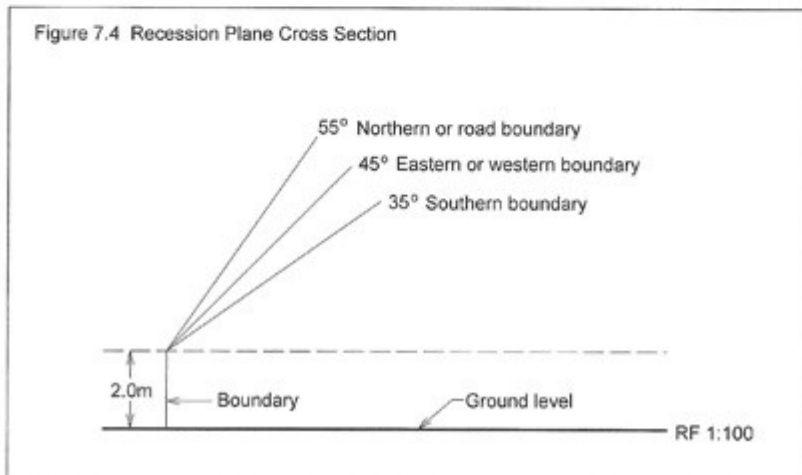
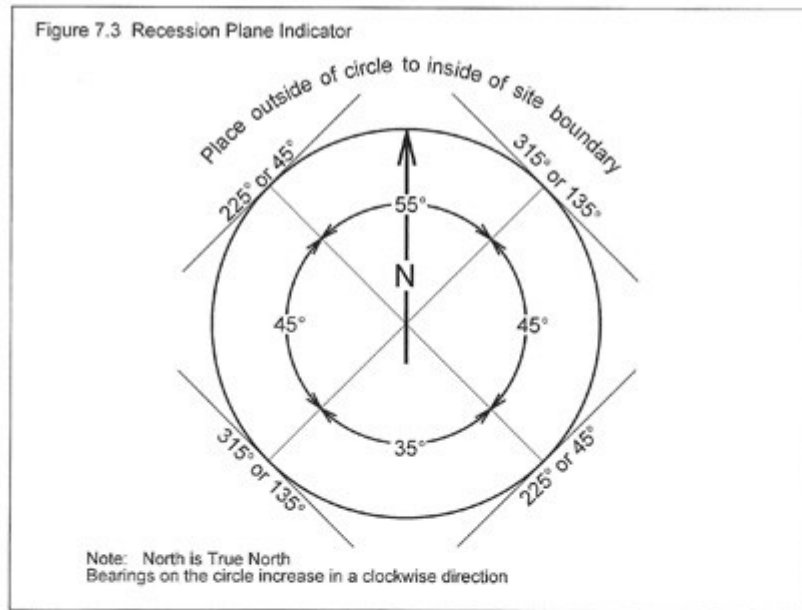
1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2634 St Heliers Telecommunications Site

Designation Number	2634
Requiring Authority	Chorus New Zealand Ltd
Location	402 St Johns Road, Meadowbank
Rollover Designation	Yes
Legacy Reference	Designation D14-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the roof provided they comply with Condition 1 and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
4. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of masts on the site for use by these requiring authorities shall not exceed 1(one).
6. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of antennas on the site for use by these requiring authorities shall not exceed 12 (twelve).

Buildings

7. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 10m;
 - b. Yards: 6m;
 - c. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009; and
 - d. Maximum building coverage: 40%.

This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures, except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

8. That an Outline Plan of Works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility; or
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

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Noise

9. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limit:

a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

b. At the boundary of any adjacent residential zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

10. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 9 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

11. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 9 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

12. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

13. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

14. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

15. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or

b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

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Flooding

16. The site is subject to potential flood hazards. Any new structures constructed within an overland flow path affecting this site shall be designed to avoid any increase in flood hazard risk including risk to neighbouring property. This shall be assessed in any outline plan of works. The foundations of structures housing equipment shall be designed so the finalised floor level is location above the minimum freeboard level for a 1 in 100 year flood. For the avoidance of doubt this shall exclude the base of any mast not containing water sensitive equipment.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday.

18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Advice Notes

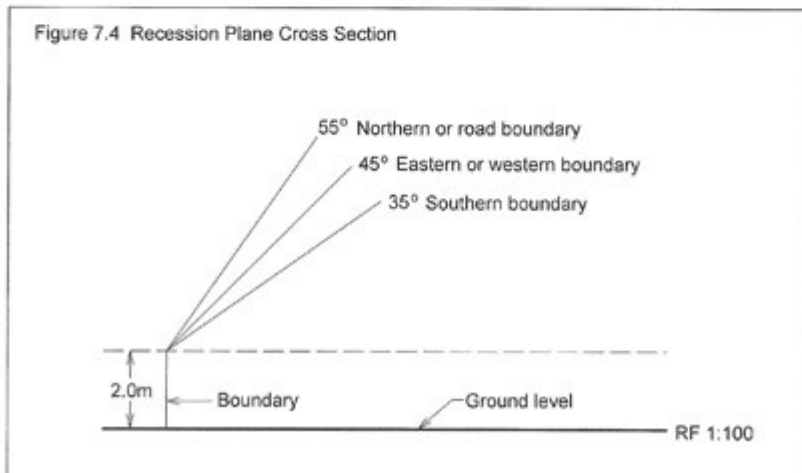
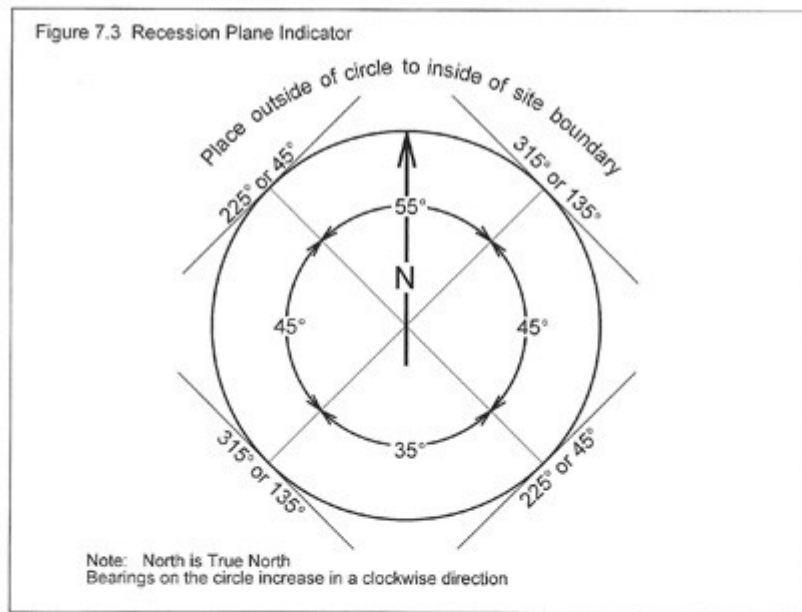
1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2635 Mt Eden Telecommunications Site

Designation Number	2635
Requiring Authority	Chorus New Zealand Ltd
Location	2B Poronui Street, Mt Eden
Rollover Designation	Yes
Legacy Reference	Designation E08-43, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any new equipment shall not exceed the Mt Eden Volcanic Cone height limit of 9m above ground level using the rolling height method (excluding any lightening rod) as contained in the Auckland Council District Plan (Isthmus Section) 1999.
2. Notwithstanding Condition 1, the antennas on the existing mast existing 1 January 2009 may be upgraded, reconfigured or additional antennas installed subject to:
 - a. The constraints in condition 7;
 - b. There being no increase in the overall height of the mast and attached antennas;
 - c. The total width of the mast head (including antennas) shall be no more than 4.5m; and
 - d. All antennas shall be placed on mast head, with none attached directly to the mast pole.
3. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009. Any mast and associated antennas shall not exceed a diameter of 1 m for those parts of the equipment exceeding 8 m in height above ground level.
4. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the roof provided they comply with Condition 1, and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
5. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
6. The total number of masts on site shall not exceed 1 (one).
7. The total number of antennas on the site shall not exceed 10 (ten) - being up to 9 (nine) on the existing mast and 1 (one) Global Positioning System (GPS) on the building.

Buildings

8. Any building, excluding masts, exhaust fumes, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 9 m;
 - b. Front yard: 2.5m; and
 - c. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height shall be measured by a rolling height method.

Outline Plans

9. That an Outline Plan of Works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council

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District Plan (Isthmus Section) 1999.

Noise

10. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

b. At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

11. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 10 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

12. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 10 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

13. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 8am-5pm Monday to Friday, with no testing or routine maintenance permitted outside these hours.

14. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

15. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1: 1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

16. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or

b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling.

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are

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disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

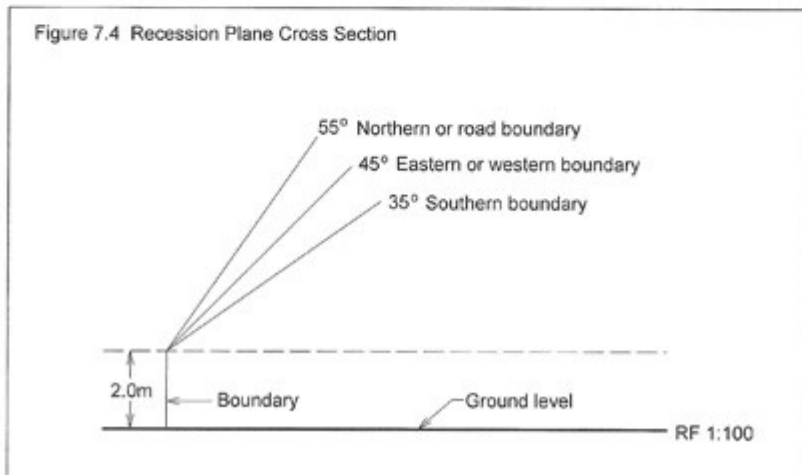
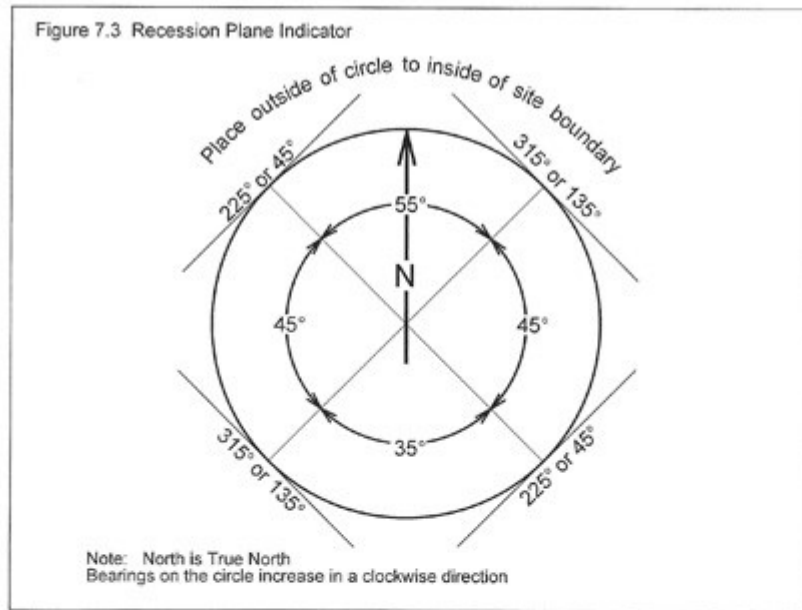
- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-6pm Monday to Friday and 8am to 1pm Saturday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2636 Avondale Telecommunications Site

Designation Number	2636
Requiring Authority	Chorus New Zealand Ltd
Location	6 St Jude Street, Avondale
Rollover Designation	Yes
Legacy Reference	Designation F03-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 20m above ground level (excluding any lightning rod).
2. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

Buildings

3. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 12.5m; and
 - b. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from any adjacent residential zone boundaries as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 1999 (road boundary height in relation to boundary doesn't apply in this case as it is zoned business).

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

4. That an Outline Plan of Works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

5. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent business zoned property:
7am - 10pm on any day: Leq 55 dB(A)
10pm - 7am on any day: Leq 45 dB(A)
 - b. At the boundary of any adjacent residential zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
6. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 5 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
7. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 5 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

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8. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

9. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

10. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Advice Notes

1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996. Archaeology

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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Figure 7.3 Recession Plane Indicator

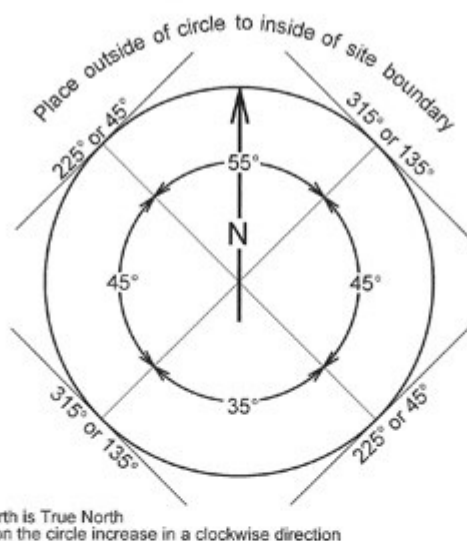
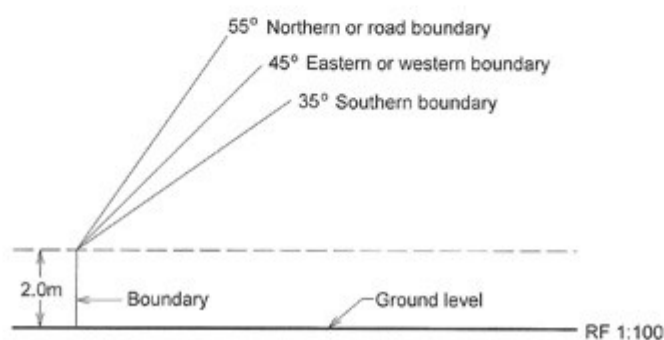


Figure 7.4 Recession Plane Cross Section



2637 Mt Roskill Telecommunications Site

Designation Number	2637
Requiring Authority	Chorus New Zealand Ltd
Location	2 Jasper Avenue, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation F07-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 20m above ground level (excluding any lightning rod).
2. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

Buildings

3. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 12.5.

For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

4. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

5. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent business zoned property:
7am - 10pm on any day: Leq 55 dB(A)
10pm - 7am on any day: Leq 45 dB(A)
 - b. At the boundary of any adjacent residentially zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
6. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 5 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels and predicted new noise levels to confirm compliance with this condition.
7. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 5, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (SPO) to ensure that noise levels do not exceed a reasonable level and must not exceed existing noise levels.
8. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency

9. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in the New

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Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Advice Notes

1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.
2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

No attachments.

2638 Ellerslie Telecommunications Site

Designation Number	2638
Requiring Authority	Chorus New Zealand Ltd
Location	1 Kalmia Street, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F11-52, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).
2. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

Buildings

3. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 15m; and
 - b. Front yard: 3m.

For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

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Outline Plans

4. That an Outline Plan of works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

5. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

6. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 5 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

7. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 5, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (SPO) to ensure that noise levels do not exceed a reasonable level and must not exceed existing noise levels.

8. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

9. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1: 1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contamination

10. Should an Outline Plan of Works involve earthworks and/or excavation, the Requiring Authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or
- b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a

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detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Soil Instability/Unstable Ground

11. The site is subject to potential geotechnical hazards. The potential for earthworks or building construction to have adverse effects on the site or surrounding properties resulting from filled weak ground shall be assessed in any Outline Plan of Works for any such activities.

Advice Notes

1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

No attachments.

2639 Panmure Telecommunications Site

Designation Number	2639
Requiring Authority	Chorus New Zealand Ltd
Location	6 Stewart Avenue, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-53, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new equipment shall not exceed the Volcanic Cone Height Restrictions Map and limit of 9 m above ground level (excluding any lightening rod) as contained in the Auckland Council District Plan (Isthmus Section) 1999.

2. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009. Any new mast and associated antennas shall not

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exceed a diameter of 1 m for those parts of the equipment exceeding 8 m in height above ground level.

3. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the roof provided they comply with Condition 1. and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).

4. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast.

6. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas.

Buildings

7. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:

- a. Height: 8m;
- b. Front yard: 2.5m;
- c. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009; and
- d. Maximum building coverage: 40%. This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

8. That an Outline Plan of Works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

9. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent business zoned property:
 - 7am - 10pm on any day: Leq 55 dB(A)
 - 10pm - 7am on any day: Leq 45 dB(A)
- b. At the boundary of any adjacent residentially zoned property:
 - 7am - 10pm on any day: Leq 50 dB(A)
 - 10pm - 7am on any day: Leq 40 dB(A)

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10. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 9 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

11. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 9 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

12. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

13. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

14. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

15. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or
- b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Operational Planning

16. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday.

17. The hours of operation for routine external maintenance and upgrade works (excluding emergency and

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urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Advice Notes

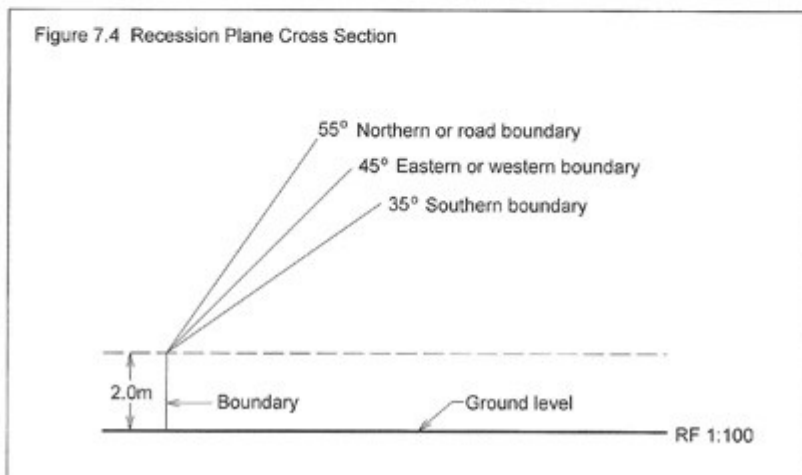
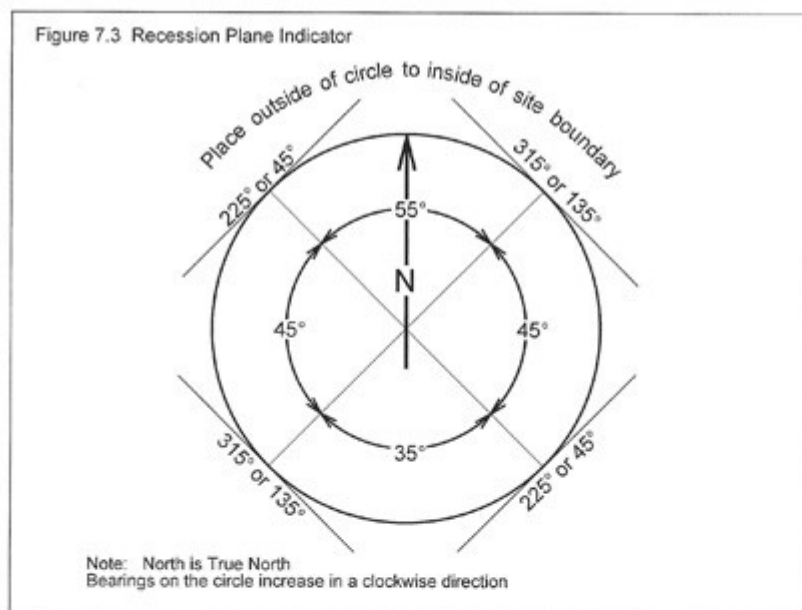
1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and Are cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2640 Three Kings Telecommunications Site

Designation Number	2640
Requiring Authority	Chorus New Zealand Ltd
Location	589 Mount Albert Road, Royal Oak
Rollover Designation	Yes
Legacy Reference	Designation G08-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009. Any mast and associated antennas shall not exceed a diameter of 1 m for those parts of the equipment exceeding 8 m in height above ground level.
3. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the roof provided they comply with Condition 1. and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
4. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast.
6. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas.

Buildings

7. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 8m;
 - b. Front yard: 2.5m;
 - c. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009; and
 - d. Maximum building coverage: 40%.

This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures. Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

8. That an Outline Plan of Works shall not be required for noise:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

9. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

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a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

b. At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

10. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 9 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

11. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 9 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

12. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

13. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

14. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

15. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or

b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Flooding

16. The site is subject to potential flood hazards. Any new structures constructed within an overland flow path

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affecting this site shall be designed to avoid any increase in flood hazard risk including risk to neighbouring property. This shall be assessed in any outline plan of works. The foundations of structures housing equipment shall be designed so the finalised floor level is location above the minimum freeboard level for a 1 in 100 year flood. For the avoidance of doubt this shall exclude the base of any mast not containing water sensitive equipment.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Advice Notes

1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

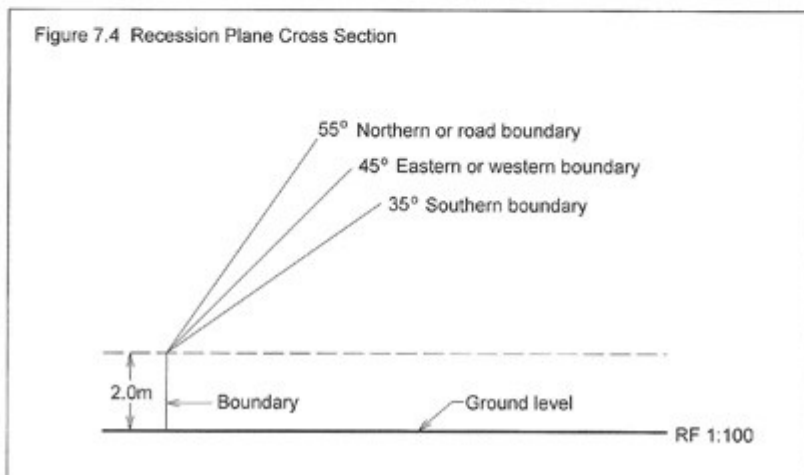
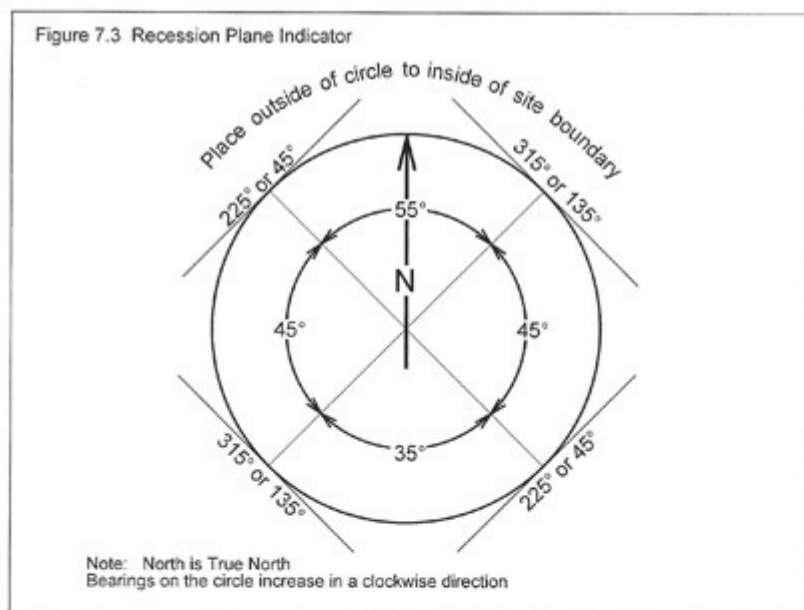
2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

3. Any new building or permanent structure located within the Building Line Restriction referenced F06-04 will be required to follow the relevant process under the RMA, including obtaining approval from the Council as Requiring Authority for the Building Line Restriction. This restriction shall not apply if the road widening is uplifted or taken.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2641 Blockhouse Bay Telecommunications Site

Designation Number	2641
Requiring Authority	Chorus New Zealand Ltd
Location	135 Boundary Road, Blockhouse Bay
Rollover Designation	Yes
Legacy Reference	Designation H04-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, the antennas on the mast existing 1 January 2009 may be upgraded, reconfigured or additional antennas installed subject to there being no increase in the overall height of the mast and attached antennas.
3. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the roof provided they comply with Condition 1 and shall comply with the relevant height in relation to boundary controls from adjoining residential boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
5. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
6. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of masts on the site for use by these requiring authorities shall not exceed 1(one).
7. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of antennas on the site for use by these requiring authorities shall not exceed 12 (twelve).

Buildings

8. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 8m;
 - b. Front yard: 2.5m;
 - c. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009; and
 - d. Maximum building coverage: 40%. This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition.

For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

9. That an Outline Plan of Works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and

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subject to compliance with noise conditions set out below;

c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;

d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

10. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

b. At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

11. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 10 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

12. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 10 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (SPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

13. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

14. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

15. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

16. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or

b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

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If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require off site disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday.

18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Advice Notes

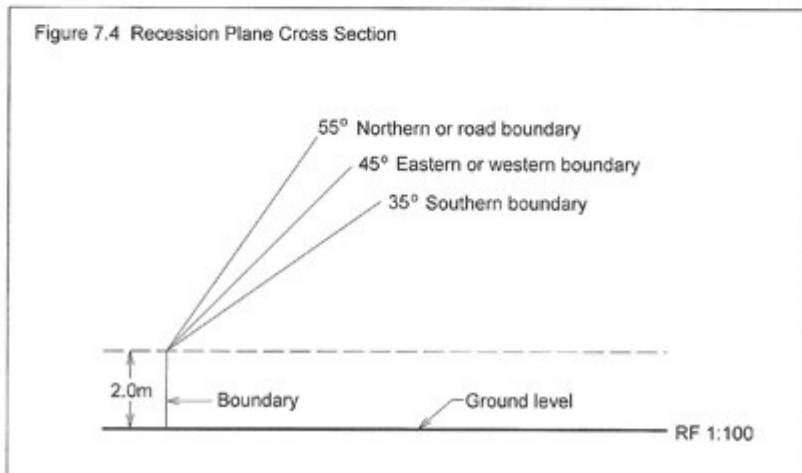
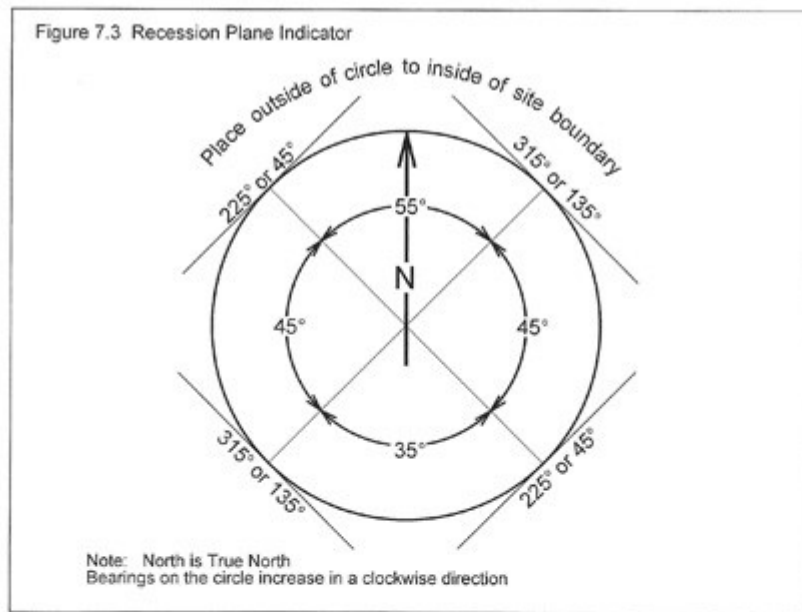
1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

The Proposed Auckland Unitary Plan (notified 30 September 2013)



2642 Onehunga Telecommunications Site

Designation Number	2642
Requiring Authority	Chorus New Zealand Ltd
Location	58 Princes Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-55, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 20m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, the antennas on the existing mast existing 1 January 2009 may be upgraded, reconfigured or additional antennas installed subject to there being no increase in the overall height of the mast and attached antennas.
3. Any new masts and associated antennas shall comply with the relevant building in relation to boundary controls from adjoining open space land as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009.
4. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 12.5m; and
 - b. Height in relation to boundary - shall comply with the relevant building in relation to boundary controls from the adjoining open space zone property and the daylight controls for any mixed use zone property as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

6. That an Outline Plan of Works shall not be required for
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

7. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent business zoned property:
7am - 10pm on any day: Leq 55 dB(A)
10pm - 7am on any day: Leq 45 dB(A)
 - b. At the boundary of any adjacent mixed use zoned property:
7am - 10pm on any day: Leq 60 dB(A)
10pm - 7am on any day: Leq 55 dB(A)
8. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the

The Proposed Auckland Unitary Plan (notified 30 September 2013)

existing noise levels and predicted new noise levels and predicted new noise levels to confirm compliance with this condition.

9. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and must not exceed existing noise levels.

10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in the New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Soil Instability/Unstable Ground

12. The site is subject to potential geotechnical hazards. The potential for earthworks or building construction to have adverse effects on the site or surrounding properties resulting from filled weak ground shall be assessed in any outline plan of works for any such activities.

Contaminated Site

13. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit.
- b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling.

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Advice Notes

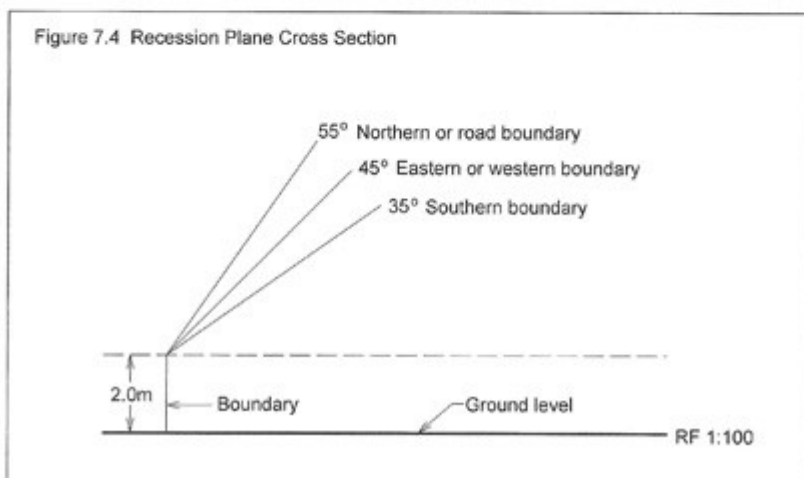
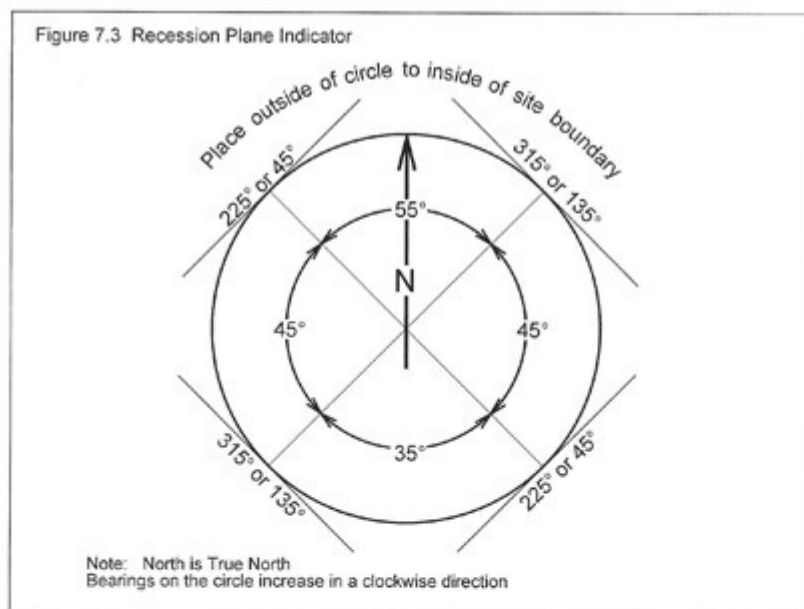
1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.
2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is

The Proposed Auckland Unitary Plan (notified 30 September 2013)

known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



2643 Otahuhu Telecommunications Site

Designation Number	2643
Requiring Authority	Chorus New Zealand Ltd
Location	12 Piki Thompson Way, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J14-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, the antennas on the mast existing 1 January 2009 may be upgraded, reconfigured or additional antennas installed subject to there being no increase in the overall height of the mast and attached antennas.
3. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009. Any new mast and associated antennas shall not exceed a diameter of 1 m for those parts of the equipment exceeding 8 m in height above ground level.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the roof provided they comply with Condition 1. and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
5. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
6. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of masts on the site for use by these requiring authorities shall not exceed 1(one).
7. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of antennas on the site for use by these requiring authorities shall not exceed 12 (twelve).

Buildings

8. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 8m;
 - b. Front yard: 2.5m;
 - c. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009; and
 - d; Maximum building coverage: 40%.

This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures. Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition.

For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

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Outline Plans

9. That an Outline Plan of Works shall not be required for:
- a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

10. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

- b. At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

11. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 10 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

12. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 10 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

13. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

14. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

15. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1: 1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Soil Instability/Unstable Ground

16. The site is subject to potential geotechnical hazards. The potential for earthworks or building construction to have adverse effects on the site or surrounding properties resulting from filled weak ground shall be assessed in any outline plan of works for any such activities.

Contaminated Site

17. Should an Outline Plan of Works involve earthworks and/ or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential

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contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit.
- b. Very minor earthworks/ excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling.

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Protected Trees

18. All excavations within the dripline of any scheduled tree shall be under the direct supervision of a competent arborist. An outline plan shall be submitted for any such works. This shall include a mitigation plan prepared by a competent arborist.

19. All work involving trimming of a scheduled tree shall be carried out by a competent arborist in accordance with accepted arboriculture practice.

20. There shall be no storage of product, materials, spoil or machinery within the dripline of any scheduled tree on site.

Operational Planning

21. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions.
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

20. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

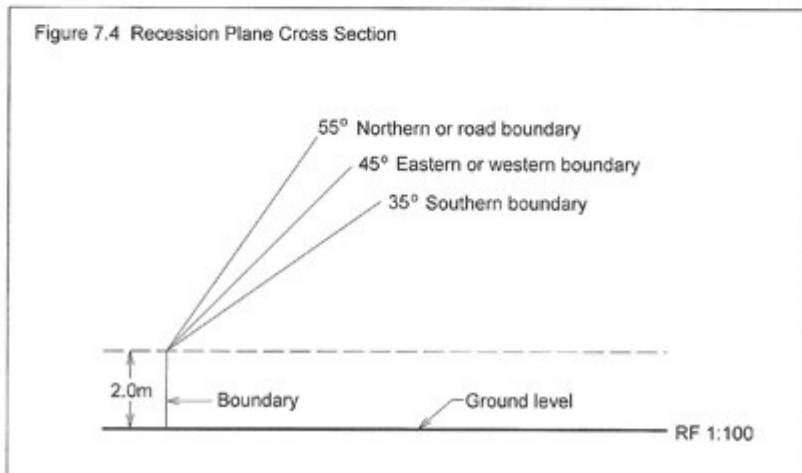
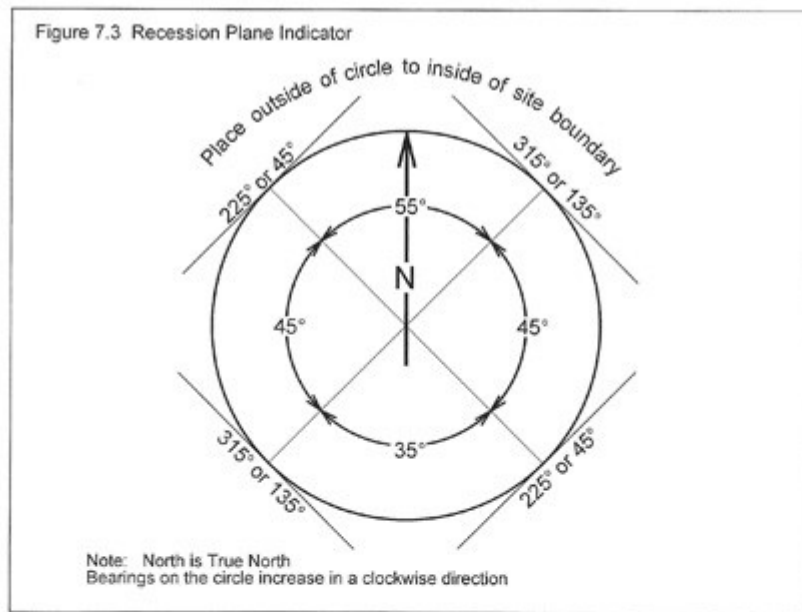
Advice Notes

1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2644 Clevedon Telecommunications Site

Designation Number	2644
Requiring Authority	Chorus New Zealand Ltd
Location	1 Clevedon Kawakawa Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 103, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

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1. The height of any new mast and any antennas (mounted on a mast of building) shall not exceed 9m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries.

Outline Plans

5. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

6. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am-10pm on any day: Leq 50 dB(A)
10pm- 7am on any day: Leq 40 dB(A)
7. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 6 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.
8. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 6, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
9. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

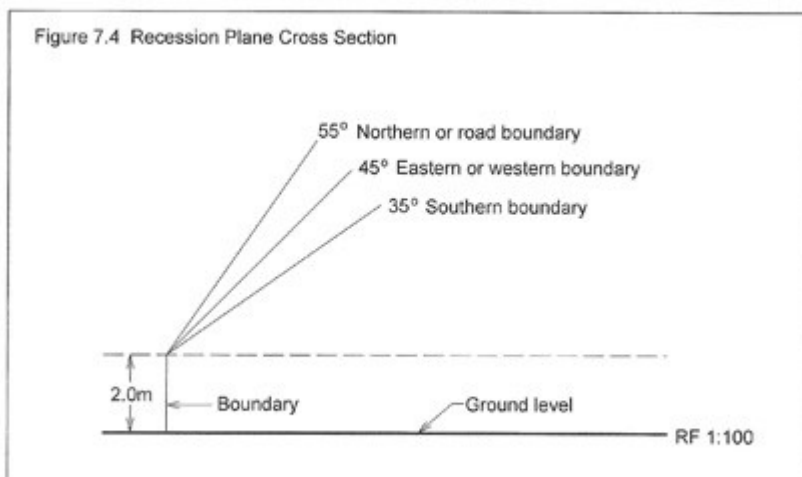
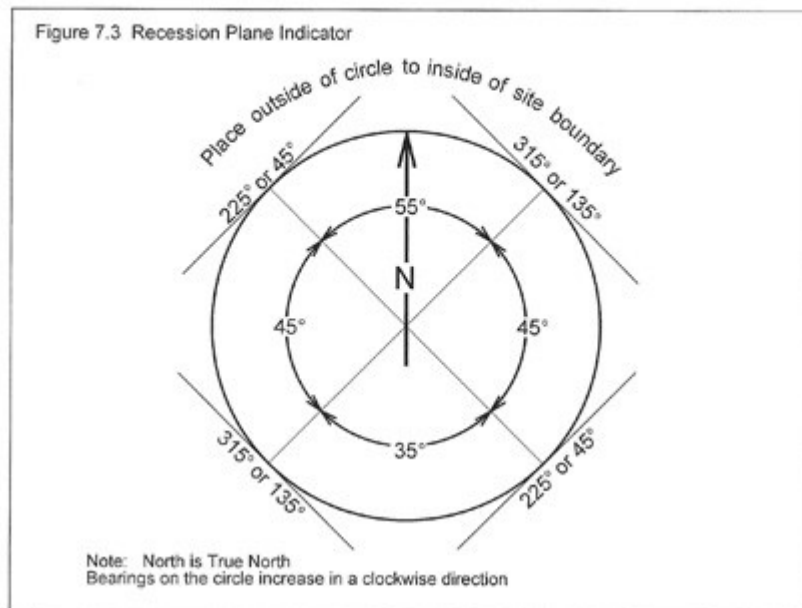
Radiofrequency Fields

10. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2645 Pakuranga Telecommunications Site

Designation Number	2645
Requiring Authority	Chorus New Zealand Ltd
Location	6 Grammar School Road, Pakuranga Heights
Rollover Designation	Yes
Legacy Reference	Designation 104, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

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1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am-10pm on any day: Leq 50 dB(A)
10pm-7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.
9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

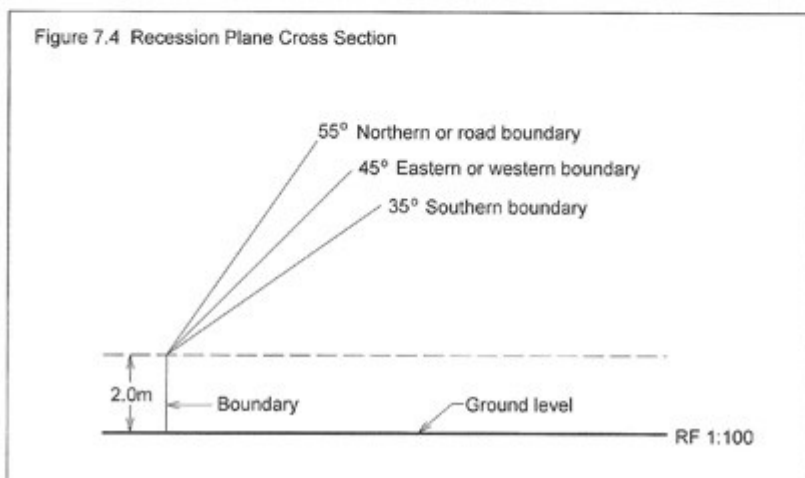
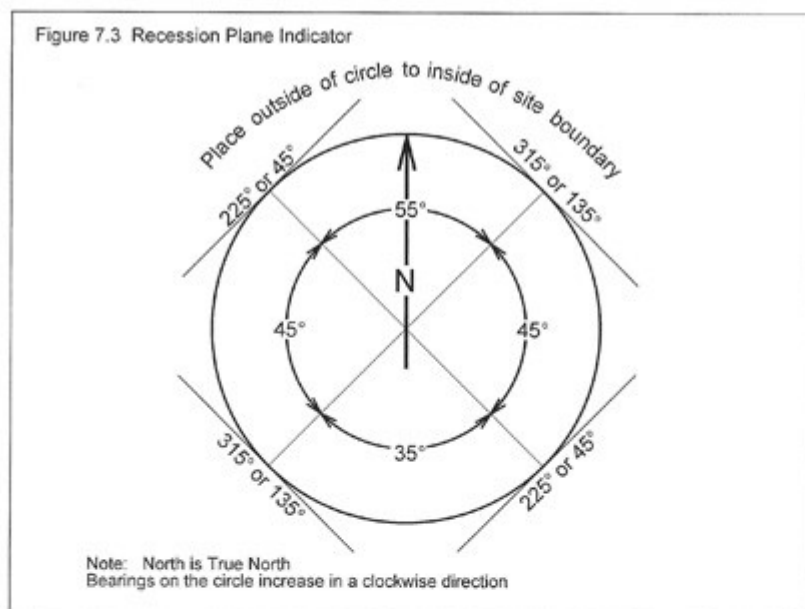
11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New

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Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



2646 Redoubt Road Telecommunications Site

Designation Number	2646
Requiring Authority	Chorus New Zealand Ltd
Location	477C Redoubt Road, Manukau Central
Rollover Designation	Yes
Legacy Reference	Designation 105, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up generation) shall not exceed the following noise limits:
 - a. At the notional boundary 20m from the facade of any dwelling, or at the site boundary, whichever is closest to the dwelling:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the sit, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

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No attachments.

2647 Kawakawa Bay Telecommunications Site

Designation Number	2647
Requiring Authority	Chorus New Zealand Ltd
Location	2 Bertram Road, Kawakawa Bay
Rollover Designation	Yes
Legacy Reference	Designation 106, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility; or
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:

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7am-10pm on any day: Leq 50 dB(A)
10pm- 7am on any day: Leq 40 dB(A)

8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.

9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

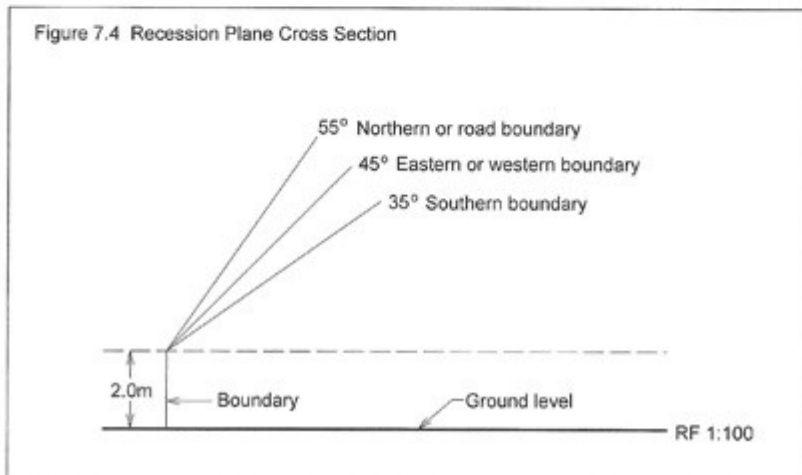
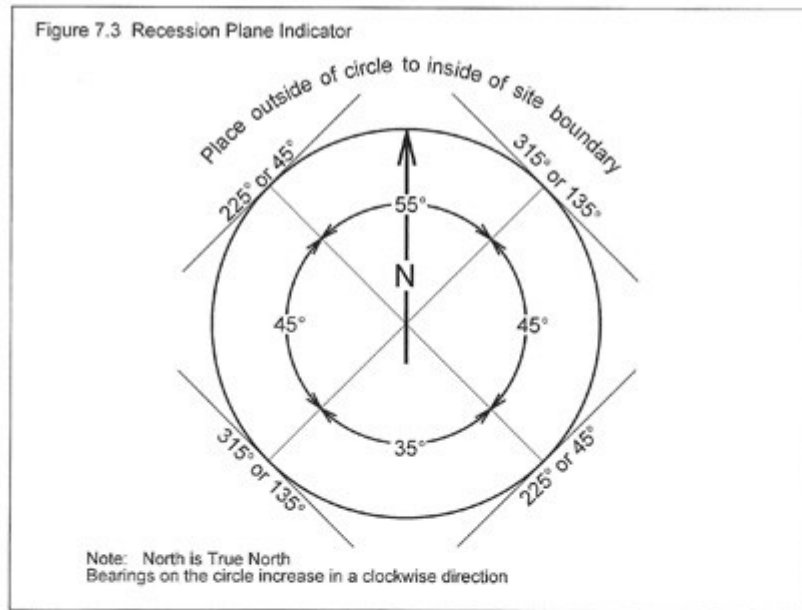
Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2648 East Tamaki Telecommunications Site

Designation Number	2648
Requiring Authority	Chorus New Zealand Ltd
Location	135 Harris Road, East Tamaki
Rollover Designation	Yes
Legacy Reference	Designation 108, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20 m above

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ground level (excluding any lightning rod).

2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent residential zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2649 Mangere Telecommunications Site

Designation Number	2649
Requiring Authority	Chorus New Zealand Ltd
Location	63 Ashgrove Road (Corner Bader Drive), Mangere

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Rollover Designation	Yes
Legacy Reference	Designation 109, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. at the boundary of any adjacent residential zoned property:
7am-10pm on any day: Leq 50 dB(A)
10pm- 7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to

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sensitive boundaries) to confirm compliance with this condition.

9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 6, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

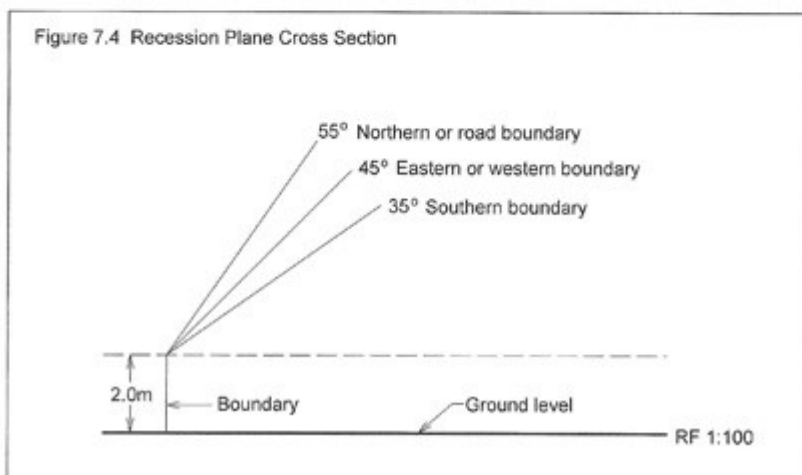
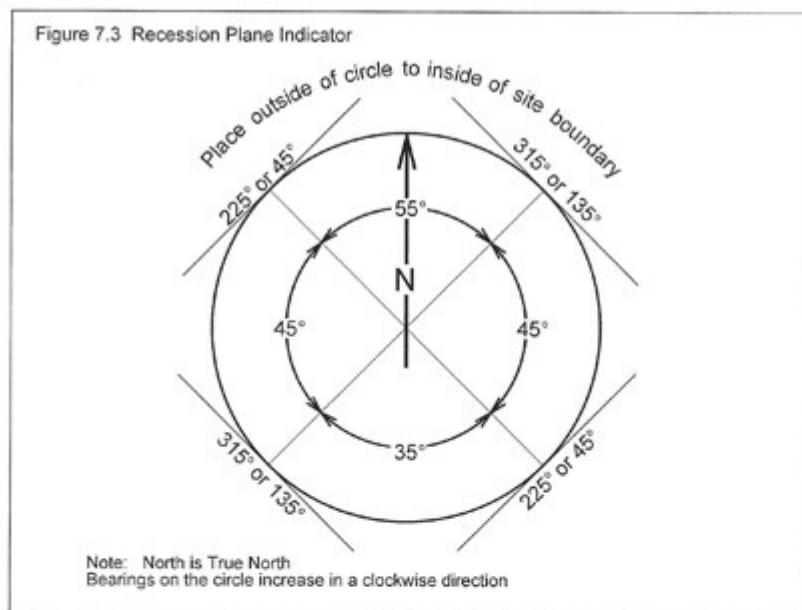
10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



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2650 Whitford Telecommunications Site

Designation Number	2650
Requiring Authority	Chorus New Zealand Ltd
Location	7 Whitford Wharf Road, Whitford
Rollover Designation	Yes
Legacy Reference	Designation 110, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast of building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries.

Outline Plans

5. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility; or
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

6. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am-10pm on any day: Leq 50 dB(A)
10pm- 7am on any day: Leq 40 dB(A)
7. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 6 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on

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circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.

8. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 6, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

9. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

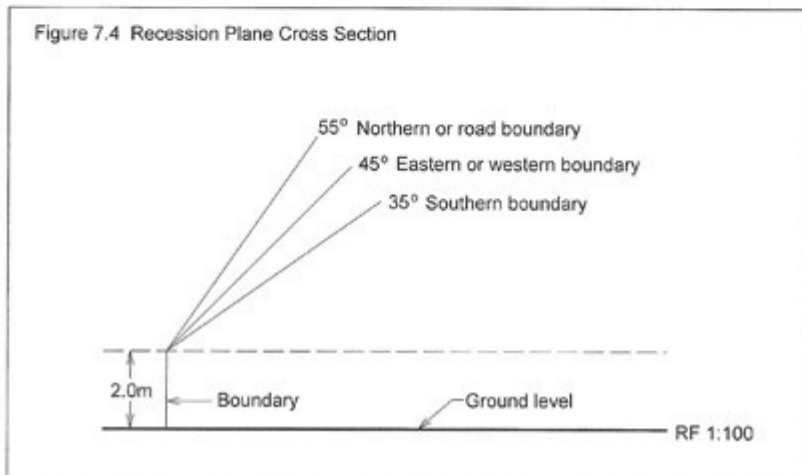
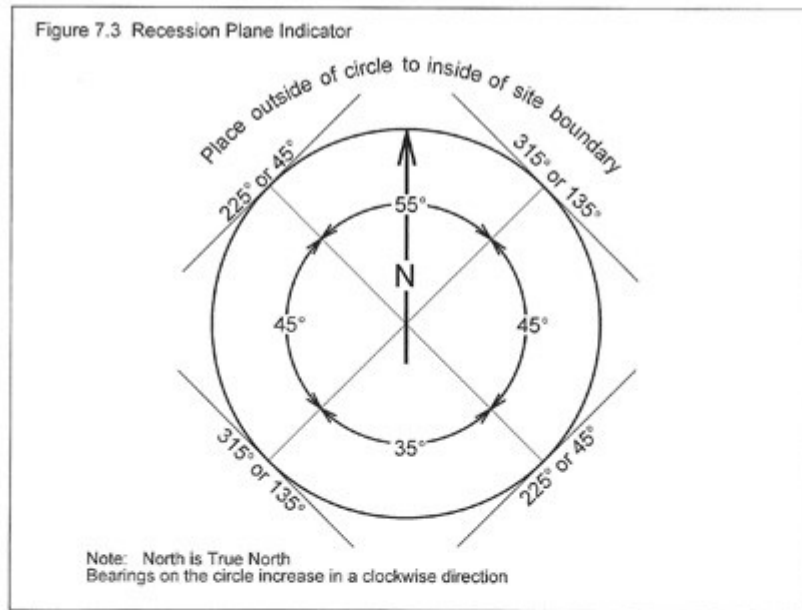
Radiofrequency Fields

10. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2651 Otara Telecommunications Site

Designation Number	2651
Requiring Authority	Chorus New Zealand Ltd
Location	176 Bairds Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 112, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

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1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2652 Manukau Telecommunications Site

Designation Number	2652
Requiring Authority	Chorus New Zealand Ltd

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Location	20 Lakewood Court, Manukau City
Rollover Designation	Yes
Legacy Reference	Designation 114, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20 m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

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Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2653 Manurewa Telecommunications Site

Designation Number	2653
Requiring Authority	Chorus New Zealand Ltd
Location	175 Great South Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 115, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition

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4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2654 Beachlands Telecommunications Site

Designation Number	2654
Requiring Authority	Chorus New Zealand Ltd
Location	Whitford-Maraetai Road (Section 2 SO 433361 and Section 4 SO 433361), Beachlands
Rollover Designation	Yes
Legacy Reference	Designation 117, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).

2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:

- Any internal building works (excluding equipment generating external noise);
- Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;

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- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

- 4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up generation) shall not exceed the following noise limits:
 - a. At the notional boundary 20m from the facade of any dwelling, or at the site boundary, whichever is closest to the dwelling:
 - 7am - 10pm on any day: Leq 50 dB(A).
 - 10pm - 7am on any day: Leq 40 dB(A).
- 5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the sit, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
- 6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
- 7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

- 8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2655 Runciman Telecommunications Site

Designation Number	2655
Requiring Authority	Chorus New Zealand Ltd
Location	180 Flanagan Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 44, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any mast and any antennas (mounted on a mast or building) shall not exceed 25m above ground level (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a.
 - i. At the boundary of any adjacent residential zoned property: or
 - ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am - 10pm on any day: Leq 50 dB(A).
10pm - 7am on any day: Leq 40 dB(A).

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm with the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2656 Waiau Pa Telecommunications Site

Designation Number	2656
Requiring Authority	Chorus New Zealand Ltd

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Location	McKenzie Road (Lot 13 DP37599), Waiau Pa
Rollover Designation	Yes
Legacy Reference	Designation 19, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a.
 - i. At the boundary of any adjacent residential zoned property: or
 - ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power

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generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.

9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

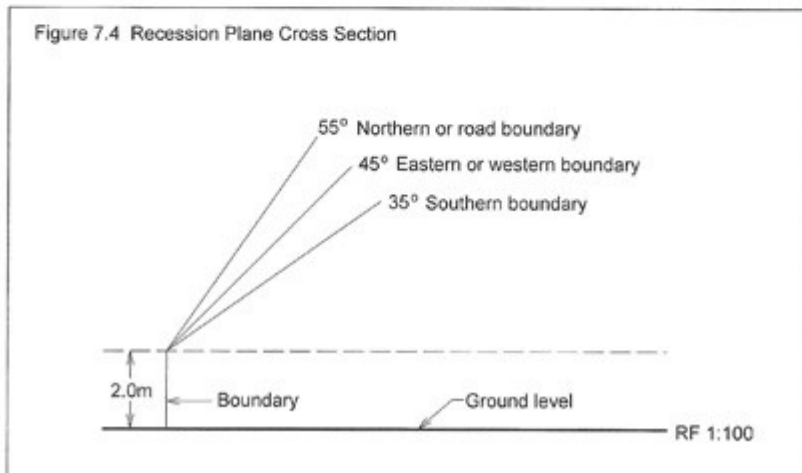
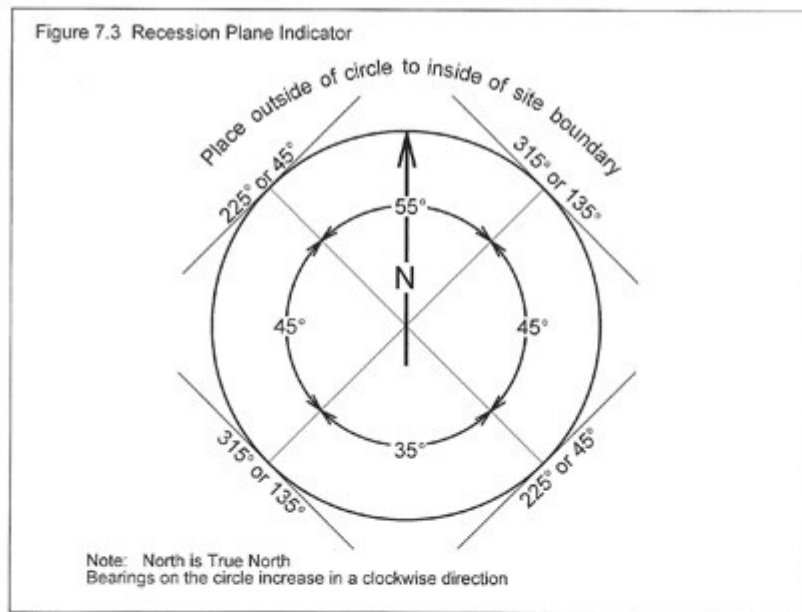
Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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2657 Pukekohe Telecommunications Site

Designation Number	2657
Requiring Authority	Chorus New Zealand Ltd
Location	7B Hall Street, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 20, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

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1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2658 Glenbrook Telecommunications Site

Designation Number	2658
Requiring Authority	Chorus New Zealand Ltd

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	Brookside Road (Pt Allotment 318 PSH of Waiuku East), Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 23, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

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Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2659 Karaka Telecommunications Site

Designation Number	2659
Requiring Authority	Chorus New Zealand Ltd
Location	Charles Road (Lot 2 DP 23793), Karaka
Rollover Designation	Yes
Legacy Reference	Designation 24, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 25m above ground level (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the notional boundary 20m from the facade of any dwelling, or at the site boundary, whichever is closest to the dwelling:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7 am on any day: Leq 40 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance

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with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1 :1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2660 Puni Telecommunications Site

Designation Number	2660
Requiring Authority	Chorus New Zealand Ltd
Location	11 Mauku Road, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 27, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).

2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.

3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.

4. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m

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in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent residential zoned property or at the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.

9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

2661 Awhitu West Telecommunications Site

Designation Number	2661
Requiring Authority	Chorus New Zealand Ltd
Location	Awhitu Road (Pt Allotment 18 PSH of Waitara), Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 29, Auckland Council District Plan (Franklin Section) 2000

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property or at the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.

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9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

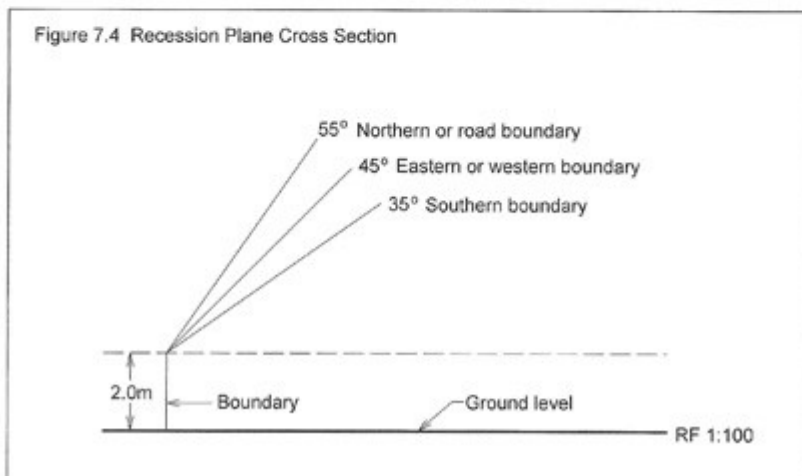
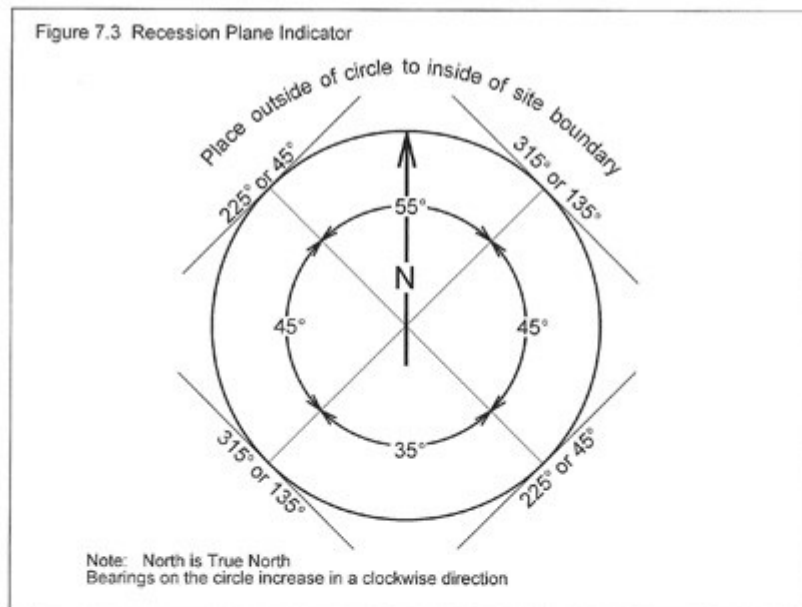
10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



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Designation Number	2662
Requiring Authority	Chorus New Zealand Ltd
Location	Hunua Road (Pt Allotment 24 PSH of Hunua and Pt Allotment 24B PSH of Hunua), Hunua
Rollover Designation	Yes
Legacy Reference	Designation 31, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 25m above ground level (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the notional boundary 20m from the facade of any dwelling, or at the site boundary, whichever is closest to the dwelling:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7 am on any day: Leq 40 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

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Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1 :1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2663 Hunua Telecommunications Site

Designation Number	2663
Requiring Authority	Chorus New Zealand Ltd
Location	Paparimu Road (Lot 1 DP 139880), Hunua
Rollover Designation	Yes
Legacy Reference	Designation 32, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 25m above ground level (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the notional boundary 20m from the facade of any dwelling , or at the site boundary, whichever is closest to the dwelling:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7 am on any day: Leq 40 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to

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sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1 :1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

2664 Puketutu Telecommunications Site

Designation Number	2664
Requiring Authority	Chorus New Zealand Ltd
Location	75 Main Road (near Puketutu Road), Bombay
Rollover Designation	Yes
Legacy Reference	Designation 36, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Outline Plans

1. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

2. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the notional boundary 20m from the facade of any dwelling, or at the site boundary, whichever is closest to the dwelling:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)

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3. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 2 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

4. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 2, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

5. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

6. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

Counties Power Ltd

Designation Schedule - Counties Power Ltd

Number	Purpose	Location
3000	Electricity supply purposes	104 Manukau Road, Pukekohe
3001	Electricity supply purposes	125 Kitchener Road, Waiuku
3002	Electricity supply purposes	Batty Road (Lot 1 DP 56769), Kingseat
3003	Electricity supply purposes	Hillview Road (Lot 1 DP 109070), Ramarama
3004	Electricity supply purposes	Cornwall Road (part of Lot 2 DP 384042), Waiuku
3005	Electricity distribution - Pukekohe to Tuakau 110kV overhead electricity line	104 Manukau Road to Buckland Road, Pukekohe
3006	Electricity supply purposes	9 Ponga Road, Opaheke
R3008	Electrical supply infrastructure ...	Whitham Road (Lot 1 DP 175576), Glenbrook

3000 Pukekohe Substation

Designation Number	3000
Requiring Authority	Counties Power Ltd
Location	104 Manukau Road, Pukekohe
Rollover Designation	Yes

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Legacy Reference	Designation 1, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity supply purposes.

Conditions

No conditions.

Attachments

No attachments.

3001 Waiuku Substation

Designation Number	3001
Requiring Authority	Counties Power Ltd
Location	125 Kitchener Road, Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 2, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity supply purposes.

Conditions

No conditions.

Attachments

No attachments.

3002 Te Hihi Substation

Designation Number	3002
Requiring Authority	Counties Power Ltd
Location	Batty Road (Lot 1 DP 56769), Kingseat
Rollover Designation	Yes
Legacy Reference	Designation 3, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity supply purposes.

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Conditions

No conditions.

Attachments

No attachments.

3003 Ramarama Substation

Designation Number	3003
Requiring Authority	Counties Power Ltd
Location	Hillview Road (Lot 1 DP 109070), Ramarama
Rollover Designation	Yes
Legacy Reference	Designation 7, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity supply purposes.

Conditions

No conditions.

Attachments

No attachments.

3004 Waiuku Substation

Designation Number	3004
Requiring Authority	Counties Power Ltd
Location	Cornwall Road (part of Lot 2 DP 384042), Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 150, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Five years from being operative in the Unitary Plan, unless given effect to prior

Purpose

Electricity supply purposes.

Conditions

1. Establishment of Substation on Site

The Outline Plan of Works for the establishment of the substation on the site must comply with the following:

- a. The works to give effect to the designation must be undertaken in general accordance with the information submitted by Counties Power in support of the Notice of Requirement contained in the document titled: Notice

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of Requirement for a Designation for a New Electricity Substation in Waiuku, Notice of Requirement and assessment of Environmental Effects dated August 2007 prepared by Boffa Miskell and additional information dated 12 October 2007 (and any subsequent addenda or errata provided by the requiring authority at or before the hearing of the Notice of Requirement on 25 February 2008).

b. The Outline Plan of Works to be submitted pursuant to section 176A of the Resource Management Act 1991 to establish the substation on site shall include the following:

- i. Construction Management Plan;
- ii. Traffic Management Plan;
- iii. Property and Landscape Management Plan; and
- iv. Design and layout of the substation.

c. The Construction Management Plan to be submitted pursuant to section 176A of the Resource Management Act 1991 and required by Condition 1.b.i. must include:

- i. Indicative plan/report for the sequence of activities (inclusive of earthworks and volumes) proposed;
- ii. The timing of the activities;
- iii. The name and contact details of project manager;
- iv. The expected duration of the works;
- v. The requiring authority must also circulate the Construction Management Plan prior to construction commencing to all directly adjoining neighbours, Glenbrook Vintage Railway and occupiers of 121 Collingwood Road;
- vi. An accidental discovery protocol for archaeological remains and a commitment to include site works methodology incorporating the supervision of the earthworks by an iwi representative; and
- vii. Silt, dust and sediment controls associated with earthworks.

d. The Traffic Management Plan to be submitted pursuant to section 176A of the Resource Management Act 1991 and required by Condition 1.b.ii. must be prepared by a suitably qualified person for the purposes of working on, or in close proximity to roads and public places.

e. The Property and Landscape Management Plan to be submitted pursuant to section 176A of the Resource Management Act 1991 and required by Condition 1.c.ii. shall detail species, gardening and maintenance specifications. The Property and Landscape Plan must incorporate the following elements:

- i. Identification of all hard and soft landscape works (including fences) and how landscaping will provide a buffer between the activity and adjacent Glenbrook Vintage Railway reserve, nearby dwellings and roads;
- ii. Details of the intended species, preferably natives, plant sizes at the time of planting, their likely heights on maturity and how planting will be staged, established and maintained;
- iii. A commitment to replacing planting if the initial work fails;
- iv. Provisions and methods to ensure landscaping works do not unduly interfere with any overland flow path;
- v. A water supply to ensure that all plantings are maintained in perpetuity;
- vi. A colour scheme to mitigate adverse visual effects and ensure low reflectivity of external surfaces of structures on the site;
- vii. Maintenance and upkeep of structures;
- viii. Demonstrate evidence of consultation and input with Glenbrook Vintage Railway in the landscape design;
- ix. Demonstrate evidence of consultation with the owner of 121 Collingwood Road on stormwater design and treatment;
- x. Plantings shall be designed so as to comply with Electricity (Hazards from Trees) Regulations 2003 or successor; and
- xi. Substation compound and building shall be setback at least 3m from all boundaries.

The Property and Landscape Management Plan must be given effect to as soon as reasonably possible following the approval of the plan and no later than the first planting season following completion of the works on the site. The landscaping must be irrigated and maintained for the life of the substation.

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f. The substation must be designed and constructed in such a manner as to comply with the following noise emission standards. The noise level measured within the notional boundary (a line 20m from the façade of any dwelling) or legal boundary (where this is closer) of any existing dwelling shall not exceed the following limits:

7.00 am – 8.00 pm	50dBA L10
8.00 pm – 7.00 am	40dBA L10
10.00 pm – 7.00 am	65dBA

The noise levels must be measured and assessed in accordance with the requirements of NZS 6801:1991 Measurement of Sound and NZS 6802:1991 Assessment of Environmental Sound.

g. The requiring authority must submit, to Auckland Council within three months of commissioning the substation, an acoustic design certificate provided by a qualified acoustic engineer confirming that the design will ensure compliance with the performance standard set out in condition 1.f.

2. Timeframe of Designation

Pursuant to section 184(1)(c) of the Resource Management Act 1991, the expiry period for the designation for construction, operation and maintenance of an electricity substation at a nominal voltage of up to 110kV on part of a property legally described as Lot 2 DP 384042, shall be ten years.

3. Decommissioning Existing Substation

Within one year of the commencement of operation of the new substation, the existing substation on Kitchener Road shall be decommissioned and a decommissioning plan shall be submitted to Auckland Council pursuant to section 176A of the Resource Management Act 1991.

4. Earthworks Associated with any Site Development

a. Prior to commencing any earthworks the Requiring Authority must install all the necessary erosion and sediment control measures as shown in the Auckland Council's TP 90 and be responsible for preventing, controlling and stopping the loss of soil and silt and any damage caused by earthworks on adjacent properties. All necessary erosion and sediment measures once installed are to be maintained to ensure continual operation until the development has been completed and the site fully stabilized.

b. All earthworks must occur between the hours of 7.00 am and 6.00 pm Monday to Saturday.

5. Overland Flow

a. The finished land level and grade of the earthworks and land forming must be such that it does not impede, restrict or block the existing overland flow from adjacent properties and that an adequate flow path over the site shall be maintained.

b. The finished land level and grade of the earthworks and land forming must be such that it does not divert, redirect and concentrate runoff onto adjacent properties.

6. Noise during Construction

That the Requiring Authority must comply with the noise standards set out in Acoustic Construction Noise NZS 16803:1999 at all times while any construction works are being constructed on site.

7. Site Access

The site must be secure from unauthorised public access at all times during construction.

8. Lighting

All exterior on-site lighting must be positioned and aimed within the site, away from adjacent properties and

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public roads so as to minimise the level of spill light and glare.

9. Hazardous Substances

The Requiring Authority must ensure that any transformer oil storage areas are bunded. Bunds shall be sufficient capacity to contain the release from the total volume of all storage vessels located in each bunded area.

10. Surface Water

The Requiring Authority must maintain and regularly clean all stormwater catch pits, channels, grates, pipes and other stormwater collection systems to ensure they operate in an effective manner.

11. Electrical Interference

The Requiring Authority must make every reasonable effort to ensure that the electrical supply substation is operated, managed and controlled so that there is no electrical interference with television or radio reception at any adjacent property including complying with the requirements of the Radio Communications Regulations 2001, the Ministry of Economic Development's Radio Spectrum Management "Compliance Guide" (November 2004) and relevant Gazetted Notices.

Advice Notes

1. The Requiring Authority will need to obtain all other necessary resource consents and permits, including those under the Building Act 2004 and any resource consents required by Auckland Council under the regional plans.
2. The Requiring Authority is advised that once the designation has been formalised, any minor alteration or omissions to the designated area should be rectified through alterations of the designation pursuant to section 181 of the Resource Management Act 1991.
3. The Requiring Authority is advised of its statutory obligations under section 172 of the Resource Management Act 1991, which include the following:
 - a. Within 30 working days of receiving Council's recommendation, the Requiring Authority is required to advise Council whether it accepts or rejects the recommendation in whole or in part;
 - b. The Requiring Authority shall only modify the requirement if, and only if the modifications are recommended by Council or are not inconsistent with the requirement as notified; and
 - c. Where the Requiring Authority rejects the recommendation in whole or in part, or modifies the requirement, the authority shall give reasons for its decision.
4. Counties Power should ensure that prior to construction, formal contact is made and permission or consents are obtained as required from the operators of any network utilities where their services and facilities may be affected by the construction works for the project.
5. As soon as reasonably possible following its purchase of the site, Counties Power should carry out initial planting in line with the anticipated requirements of the Property and Landscape Management Plan, particularly near the boundary with the Glenbrook Vintage Railway. The purpose of this initial planting is to ensure that some screening is established on site before the substation is built. When the site is developed for its designated purpose, as far as reasonably possible these existing plants should be incorporated into the Property and Landscape Management Plan.
6. That an Outline Plan of Works pursuant to section 176A of the Resource Management Act 1991 shall be submitted to Auckland Council prior to construction. These detailed plans will need to show the measures that will be implemented to avoid, remedy or mitigate any adverse effects on the environment. These details will also confirm whether any resource consents may be required.

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7. That pursuant to sections 35 and 36 of the Resource Management Act 1991 the actual and reasonable costs incurred by Council in monitoring conditions of this recommendation shall be paid by Counties Power.

Attachments

No attachments.

3005 Pukekohe to Tuakau Line

Designation Number	3005
Requiring Authority	Counties Power Ltd
Location	104 Manukau Road, Pukekohe to Buckland Road, Buckland (to Waikato District Council boundary)
Rollover Designation	Yes
Legacy Reference	Designation 151, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Five years from being operative in the Unitary Plan, unless given effect to prior

Purpose

Electricity distribution - Pukekohe to Tuakau 110kV overhead electricity line.

Conditions

1. Plan Information

That the works to give effect to the new Designation for the construction, operation, maintenance and modification of one overhead electricity line of up to 110kV nominal voltage, shall be in accordance with:

- a. The Notice of Requirement;
- b. The Assessment of Environmental Effects prepared by Boffa Miskell, titled Counties Power, Notice of Requirement for a Designation for 110kV Electricity Line from Pukekohe Substation to Proposed Tuakau Substation, Volumes I, II and III and the additional information supplied to Council dated 11 December 2007 and 24 January 2008 (and any subsequent addenda or errata provided by the requiring authority at or before the hearing of the Notices of Requirement on 18 and 19 February 2008);
- c. The Designation plans prepared by Boffa Miskell titled 'Counties Power, Proposed Corridor for New Electricity Line', Drawings 01104-000 to 01104-013, 01104-017 to 01104-018 provided as further information but superseded by Drawings 01104_19 and 01104_20 presented at the hearing. NB Drawings 01104-000 (providing an overview of the route), 01104 019 and 01104 020 are appended as Figures 1-3;
- d. The designation is to provide for the construction, operation, maintenance and modification of one overhead electricity line of up to 110kV nominal voltage comprising a maximum of three conductors (i.e. lines), one earth wire and one fibre optic cable, and local electricity distribution lines where it would be appropriate and promote efficiency of the network, these supported above ground level by poles spaced at an average of at least 80m apart plus all necessary ancillary fixtures and fittings; and
- e. Subject to any amendments required by the following conditions and any other minor alterations proposed by Counties Power to the satisfaction of Auckland Council.

2. Buckland Screen Planting

Counties Power, when formulating the Outline Plan, shall liaise with Ontrack, Auckland Council and the Buckland Community Centre to ascertain an appropriate and practical extent of screen planting through Buckland village alongside the poles and will provide detail of such planting in the Outline Plan. The purpose of such planting will be to supplement the mitigation provided by undergrounding of the local lines and the extent and placement of screen planting shall also take into account the requirements of Ontrack to ensure the safe

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and efficient operation of the railway corridor.

3. Maximum Number of Pylons

The maximum number of pylons used as part of the support structures for the line shall be restricted to two (2) to overcome topographical features.

4. Nuisance Mitigation

That Counties Power and its contractors take all reasonable steps to prevent or mitigate any nuisance to adjacent properties during construction.

5. Construction Management Plan

Prior to the commencement of any earthworks or construction activity on the designated site excluding site investigations, Counties Power shall prepare a Construction Management Plan and submit that plan for the approval of the Auckland Council. The Construction Management Plan shall include the procedures, methods and measures to be applied to address the following:

- a. Exclusion of the public from the construction site;
- b. Dust arising due to construction;
- c. Prior notification to landowners of the use of machinery likely to generate vibration effects to dwellings, where such vibrations may be felt in the process to be followed to ensure that such effects are addressed;
- d. Maintenance of road, rail and property access during construction;
- e. Movement of construction traffic on local roads;
- f. Hours of operation of trucks and service vehicles;
- g. A single point of contact to field general enquiries and complaints from the public;
- h. The control of stormwater, runoff, sediment and contaminants during construction;
- i. Methods for earthworks, stormwater control, sediment control, replanting of any exposed areas; and
- j. Traffic management around the local roads during construction.

6. Liaison Person

That a permanent liaison person shall be immediately appointed by Counties Power for the duration of the works and be a readily accessible point of contact for persons affected by the designation and construction works. Counties Power shall advise the liaison person's name and contact details to affected parties. This person must be available for ongoing consultation on all matters of concern to affected persons and provide a timetable as to the construction works to adjoining property owners and occupiers.

7. Maximum Capacity of Transmission Line

The electricity line is to comprise a maximum of one 110kV circuit (comprising 3 conductor wires and an earth wire) plus lower voltage circuits where required and a maximum of one fibre optic cable, supported on poles generally as described in section 4.2 of the Assessment of Environmental Effects submitted with the application, or on pylons if required to cross the gully at grid reference V11 on Drawing 01104-006 to X12 on Drawing 01104-007.

8. Width of the Designation

The width of the designation is generally to be in accordance with the representations shown on Drawings 01104-000 to 01104-013 submitted as part of the application.

9. Written Approval

Counties Power is to grant its written approval (as requiring authority) under sections 176(1)(b) and 178(1) of the Resource Management Act 1991 to enable the New Zealand Railways Corporation, or any other party authorised by New Zealand Railways Corporation, to undertake any activity on the land that is authorised by the existing rail designation and / or to undertake any other activity on the land that will not prejudice Counties Power's rights under its occupancy agreement with New Zealand Railways Corporation.

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10. Removal of Local Transmission Lines

Counties Power shall mitigate the visual impact of the new line by removing some existing local transmission lines as follows:

- a. The removal of the existing 400V overhead local lines on the eastern side of Station Road (adjacent to the A and P showgrounds) within 1 year of the commissioning of the Pukekohe - Tuakau 110kV line;
- b. Unless removed earlier, the second set of overhead local lines (currently at 11kV but planned to be upgraded to 22kV) on the eastern side of Station Road and adjacent to the A and P Showgrounds shall be removed within 2 years of the zoning of the A and P Showgrounds land for high density urban intensification being notified as part of a Plan Change;
- c. The existing local lines on the eastern side of Station Road from alongside Lot 1 DP 101010 to alongside Lot 2 DP 91559 shall be removed within 2 years of the zoning of this land for Residential use being notified as part of a Plan Change.
- d. Removal of the existing lines where the route passes Residential zoned land in Buckland, generally as shown on Drawing 01104_019 (supplied at the hearing) – refer appended Figure 2;
- e. Removal of the existing lines in the vicinity of the War Memorial in Buckland;
- f. Removal of the existing lines where the route passes Residential zoned land in Tuakau, generally as shown on Drawing 01104_20 (supplied at the hearing) – refer appended Figure 3; and
- g. Removal of the existing lines in Ryders Road not marked for removal on Drawing 01104_20 (refer appended Figure 3) once development plans for the area are sufficiently clear.

Note:

Conditions a., b. and c. seek to ensure that over time, both sets of local overhead lines are removed from Station Road adjacent to the land mentioned in them, given the potential for this land to be subject to urban intensification in the future as shown in the Franklin District Growth Strategy 2051;

11. Colour of Poles

Counties Power shall provide, as part of the Outline Plan of Works, details of pole placement and provide an assessment of whether a darker coloured pole is appropriate given the location and background of the poles. Council shall audit these details as part of the Outline Plan process to ensure that the use of darker poles in the locations stated is the most appropriate way to reduce the visual impact of the line when viewed within its visual catchment.

12. Archaeological Assessment

That an archaeological site inspection be carried out along the notified designation corridor as part of the detailed design and Outline Plan of Works process. This inspection should:

- a. locate on the ground all recorded cultural heritage sites in the vicinity of the designation;
- b. identify any previously unrecorded archaeological or other cultural heritage sites within and adjacent to the designation; identify what if any effect(s) the construction of the power line and associated works will have on these sites, and how any effects can be avoided;
- c. Identify any original or pre 1900 features of the railway within the designation; identify what if any effect(s) the construction of the power line and associated works will have on these features and how any effects can be avoided. Embankments, cuts and any structures such as bridges and culverts constructed prior to 1900 could be considered archaeological, and as such, could require an Authority to Modify from the New Zealand Historic Places Trust if they are affected;
- d. Make any further relevant recommendations in relation to the requirements of the Historic Places Act 1993 and the Resource Management Act 1991 based on the results of the site inspection;
- e. Counties Power shall consult with the New Zealand Historic Places Trust on the findings of the archaeological site inspection so that the New Zealand Historic Places Trust can confirm the need for any Authority/Authorities to Modify under the Historic Places Act 1993; and
- f. A copy of the archaeological site inspection shall be provided to the Council as part of any Outline Plan of Works required by section 176A of the Resource Management Act 1991.

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13. Iwi Consultation

a. Counties Power shall consult with iwi regarding the possible existence of archaeological sites within the proposed designation corridor before detailed design work commences and as part of the archaeological site inspection of the transmission line route.

b. The outcome of such consultation shall be provided to the Council as part of any Outline Plan of Works required by section 176A of the Resource Management Act 1991.

14. Review of Designation Width

Within three months of the construction and successful commissioning of the electricity line, Counties Power shall review the area of land subject to the designation, taking into account the location of the line as constructed, and the access agreements with landowners along the route. Where appropriate, Counties Power will seek to alter the location and the width of the designation corridor so as to provide reasonably for the safe and efficient operation, maintenance and modification of electricity line. Alterations to the location and width of the designation corridor shall recognise that the designation originally sought may be wider than necessary to provide for the safe and efficient operation, maintenance and modification of the electricity line.

15. Term of Designation

For the purposes of section 184(1)(c) Resource Management Act 1991, the term during which the Designations shall not lapse unless given effect to is ten (10) years commencing from the end of the appeal period on the decision of Counties Power or the determination of any appeals on this designations for a 110kV transmission line.

Advice Notes

1. The requiring authority will need to obtain all other necessary resource consents and permits, including those under the Building Act 2004 and any regional consents required from Environment Waikato and Auckland Council.

2. The requiring authority is advised that once the Designations have been formalised, any minor alterations or omissions to the designated areas should be rectified through alterations to the Designations pursuant to section 181 of the Resource Management Act 1991.

3. The requiring authority is advised of their statutory obligations under section 172 of the Resource Management Act 1991, which include the following:

- a. Within 30 working days of receiving the Council's recommendation, the requiring authority is required to advise the Council whether it accepts or rejects the recommendation in whole or in part;
- b. The requiring authority shall only modify the requirements if, and only if, the modifications are recommended by the Council or are not inconsistent with the requirements as notified; and
- c. Where the requiring authority rejects the recommendation in whole or in part, or modifies the requirements, the authority shall give reasons for its decision.

4. Counties Power should ensure that prior to construction, formal contact is made, and permission or consents are obtained as required, from the operators of any network utilities where their services and facilities may be affected by the construction works for the project.

5. An Outline Plan of Works, pursuant to section 176A of the Resource Management Act 1991, shall be submitted to Auckland Council prior to construction. These detailed plans will need to show the final route and measures that will be implemented to avoid, remedy or mitigate any adverse effects on the environment. These details will also confirm whether any resource consents may be required.

6. Pursuant to sections 35 and 36 of the Resource Management Act 1991 the actual and reasonable costs incurred by Council in monitoring conditions of this recommendation shall be paid by Counties Power.

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7. Counties Power shall work with other parties involved in Plan Change 22 (to the Franklin District Plan) process to ascertain whether an alternative route for the line is possible through the plan change area.

Attachments

Figure 1: Overview of Route – from NOR as lodged with Franklin District Council



Figure 2: Drawing 01104 019

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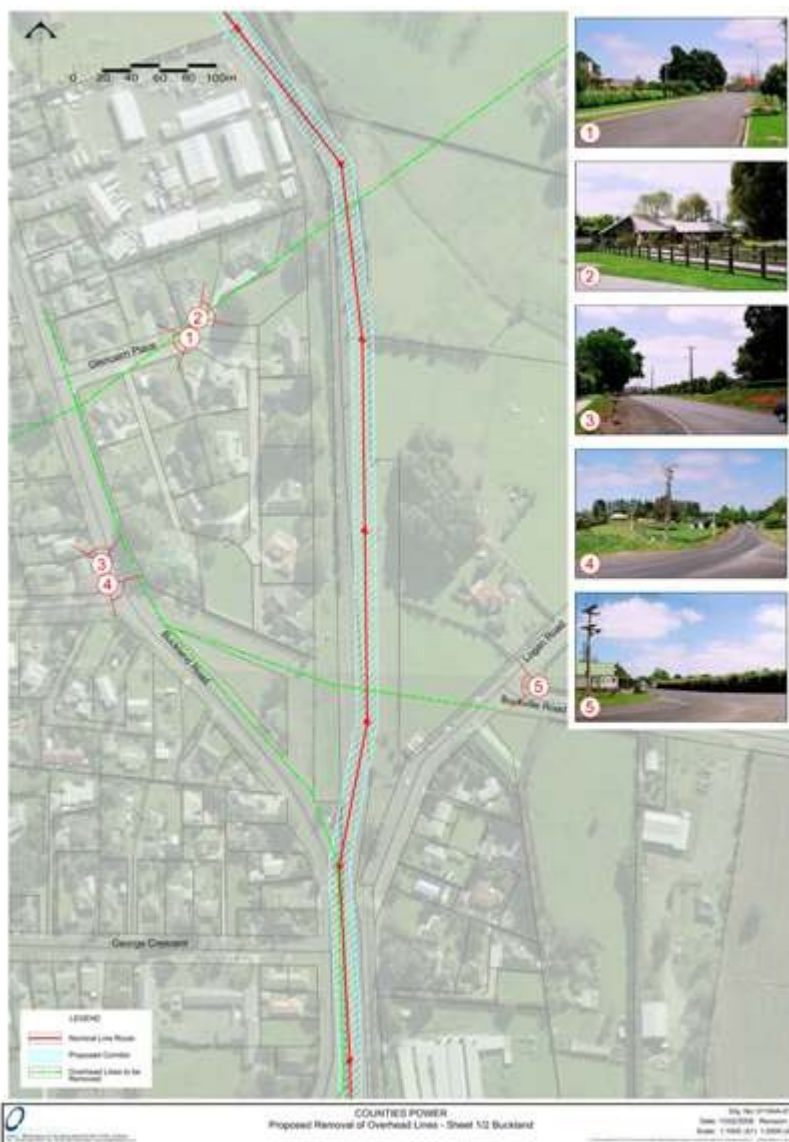


Figure 3: Drawing 01104 020

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3006 Opaheke Substation

Designation Number	3006
Requiring Authority	Counties Power Ltd
Location	9 Ponga Road, Opaheke
Rollover Designation	Yes
Legacy Reference	Designation 13, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity supply purposes.

Conditions

Sutton Road Future Road Widening

1. The Substation security fence shall be set back at least 14m from the Sutton Road / western boundary (being the location of this boundary as it existed in the Notice of Requirement).

Note:

In the future the Council may require up to 12m of the site to widen Sutton Road of which 4m can be landscaped (refer to Figure 1 prepared by the former Papakura District Council).

Noise

2. The substation must be operated in such a manner as to comply with the following noise emission standards. The noise level measured within the notional boundary of any existing dwelling shall not exceed the

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following limits:

- a. Daytime 0700-2000 L10 = 50dBA
- b. Night-time 2000-0700 L10 = 40dBA

The noise levels must be measured and assessed in accordance with the requirements of NZ6801:1991 Measurement of Sound and NZS6802:1991 Assessment of Environmental Sound.

Earthworks Associated with any Site Development

3. All retaining walls, earthworks, reinforcements and stability works must be constructed and completed immediately after cutting and or prior to filling to minimize the likelihood of any instability.

4. Prior to commencing any earthworks the requiring authority must install all the necessary erosion and sediment control measures as shown in the Auckland Council's TP 90 and be responsible for preventing, controlling and stopping the loss of soil and silt and any damage caused by the earthworks on adjacent properties. All necessary erosion and sediment measures once installed are to be maintained to ensure continual operation until the development has been completed and the site fully stabilized.

5. The requiring authority must control runoff, mitigate and prevent soil erosion, sediment loss and trap pollutants from entering adjacent lands, street curb and channels/ natural and artificial water bodies.

6. All existing drainage systems must be protected from any release of silt, accidental or otherwise from the site. This also involves measures to prevent soil being spread onto the road and access way.

7. All earthworks and areas of bare earth shall be re-vegetated or re-grassed within 3 months of completion of the earthworks. Where regeneration of the grass is not sufficient, areas of bare soil shall be "hydro-seeded" or otherwise sown with the appropriate ground cover vegetation.

8. The requiring authority must limit the dispersal of dust from the earthworks to adjacent sites by implementing a watering regime in order to ensure that the areas of bare soil are dampened (up until the bare soil is revegetated).

9. In the event of any excavated material being spilled on a public road, the requiring authority must take immediate action at their cost to clean/repair the road or reimburse the Auckland Council the expenses of cleaning and/or reinstating the damaged road.

10. All earthworks must occur between the hours of 7.00am and 6.00pm Monday to Saturday.

Overland Flow

11. The finished land level and grade of the earthworks and land forming must be such that it does not impede, restrict or block the existing overland flow from adjacent properties and that an adequate flow path over the site shall be maintained.

12. The finished land level and grade of the earthworks and land forming must be such that it does not divert, redirect and concentrate runoff onto adjacent properties.

Lighting

13. All exterior on-site lighting must be positioned and aimed within the site, away from adjacent properties and public roads so as to minimise the level of spill light and glare.

Hazardous Substances

14. The requiring authority must ensure that any transformer oil storage areas are bunded. Bunds shall be sufficient capacity to contain the release from the total volume of all storage vessels located in each bunded area.

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Surface Water

15. The requiring authority must maintain and regularly clean all storm water catch pits, channels, grates, pipes and other storm water collection systems to ensure they operate in an effective manner.

Electrical Interference

16. The requiring authority must make every reasonable effort to ensure that the electrical supply substation is operated, managed and controlled so that there is no electrical interference with television or radio reception at any adjacent property including complying with the requirements of the Radiocommunications Act 1989, the Radiocommunications Regulations 2001, the Ministry of Economic Development's Radio Spectrum Management "Compliance Guide" (November 2004), and relevant Gazetted Notices.

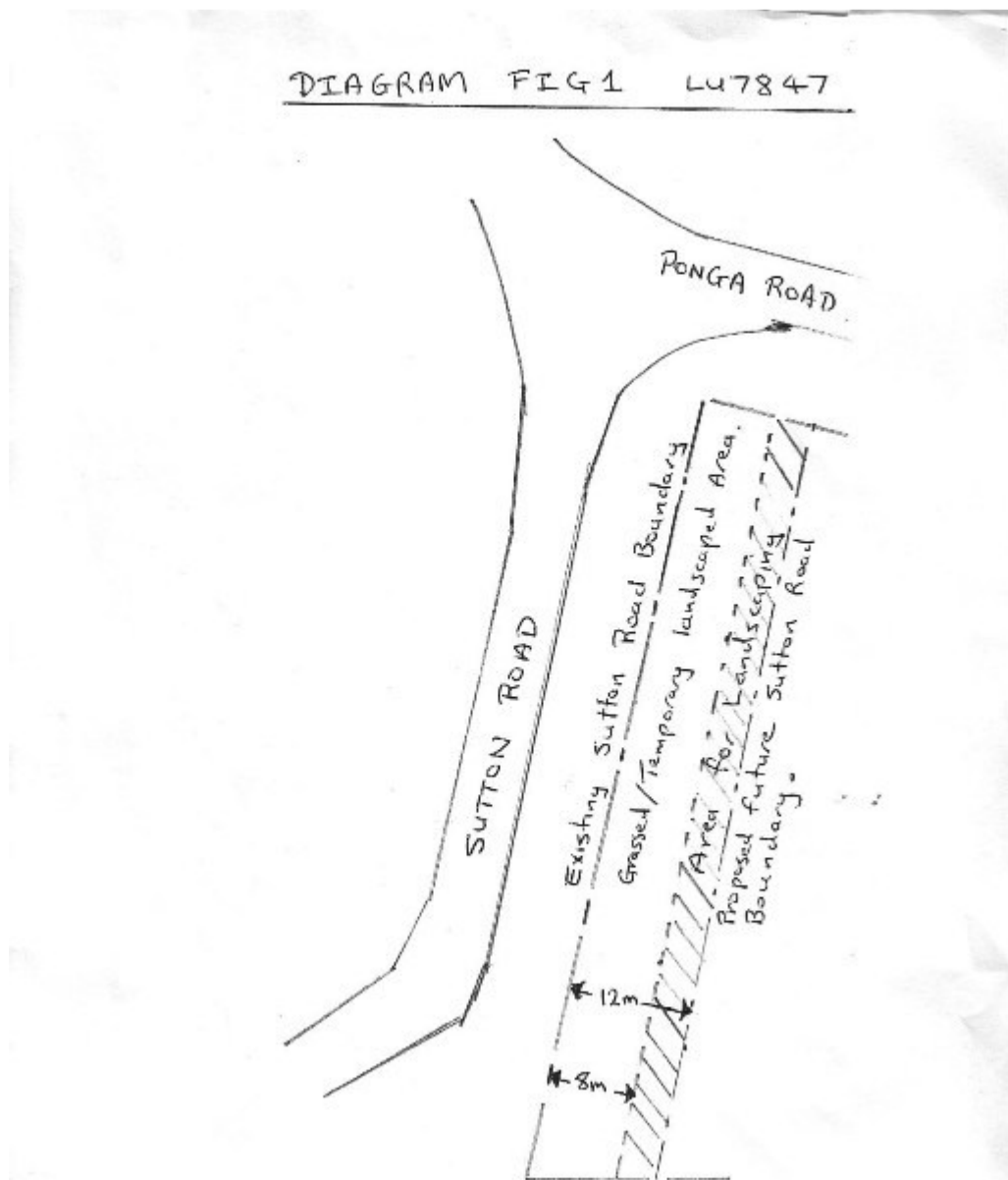
Advice Note

1. It is noted that the submitted and approved Outline Plan of Works for the establishment of the substation includes a landscape plan that identifies the possible need for the alteration or removal of trees at 9 Ponga Road in a specified area and such work can be undertaken as part of the designated works to enable emergency maintenance or for the planned installation, upgrade or replacement of equipment which cannot be installed for the existing vehicle entrance.

Attachments

Figure 1 - Diagram prepared by former Papakura District Council to record the Council's proposed road widening and the impact of this on the layout of substation fencing and landscaping

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R3008 Glenbrook Substation

Designation Number	R3008
Requiring Authority	Counties Power Ltd
Location	Whitham Road (Lot 1 DP 175576), Glenbrook
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	10 years from being operative in the Unitary Plan

Purpose

The purpose of the proposed designation is to provide for existing and future electrical supply infrastructure. The proposed designation scope is:

- The operation, maintenance and upgrading of an existing substation and associated ancillary structures and activities required for electricity supply and distribution.
- The provision of works required for electricity supply and distribution.

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Conditions

General

1. A period of 10 years will be sought to implement the works.
2. Any additional consents/approvals (for example, National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health, matters requiring regional consent) will be obtained prior to works commencing.
3. Unless Section 176A(2) applies, an Outline Plan of Works shall be submitted to the territorial authority to allow the territorial authority to request changes before construction commences. The Outline Plan of Works will include:
 - a. The height, shape, and bulk of the public work, project, or work; and
 - b. the location on the site of the public work, project, or work; and
 - c. The likely finished contour of the site; and
 - d. the vehicular access, circulation, and the provision for parking; and
 - e. The landscaping proposed; and
 - f. any other matters to avoid, remedy, or mitigate any adverse effects on the environment
4. In addition to the matters set out in Condition 2, the Outline Plan will also include, commensurate to the scale of works proposed, a Construction Management Plan which addresses the following:
 - a. The proposed earthworks methodology including (as applicable) storage and reuse of topsoil; on- and off-site disposal of soil and silt and dust control;
 - b. Traffic management for delivery of equipment, materials and general construction activities;
 - c. Any temporary equipment storage;
 - d. Methods of complying with the National Environmental Standard for Assessing and Managing Contaminants in Soil to Protect Human Health; and
 - e. In relation to the Glenbrook site; a liaison plan formulated to advise New Zealand Steel Limited of the nature and duration of works.

Transpower

5. Counties Power shall obtain the written approval of Transpower as Requiring Authority under Section 176 of the Act prior to works commencing.
6. Counties Power shall liaise with Transpower during the detailed design and subsequent construction processes prior to undertaking any work pursuant to this designation to ensure that the proposed works are integrated and managed in a manner suitable to both parties.

Accidental Discovery Protocols

7. If any archaeological sites, urupa, traditional sites, taonga (significant artefacts), or koiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tangata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.
 - e. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the NZ Historic Places Trust is obtained

Amenity

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8. The works shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 μ T for magnetic flux density at the designation boundary under maximum normal operating conditions (ie, when there are no faults in the transmission system).

9. All works shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

10. Any masts, antennas, aerials and the other radiocommunication facilities shall at all times comply with NZS 2772.1 1999 and any subsequent amendments to that standard

11. Bulk and Location controls to be determined in Area A and Area B.

Operational Noise

12. Any new equipment (such as transformers, fans and circuit breakers) shall be designed and operated to ensure that the following noise limits shall not be exceeded:

a. $L_{Aeq}(15 \text{ min})$ 70dB at the boundary of Lot 1 DP 202203 and Allotment 363 and 343, Parish of Waiuku, East Blocks X XIII Awhitu SD.

All noise levels must be measured in accordance with the New Zealand Standard on the Measurement of Environmental Sound (NZS 6801: 2008) and assessed in accordance with the New Zealand Standard on Acoustic - Environmental Noise (NZS 6802: 2008).

Construction Noise

13. All construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics– Construction Noise at locations set out in section 6.2 of that standard.

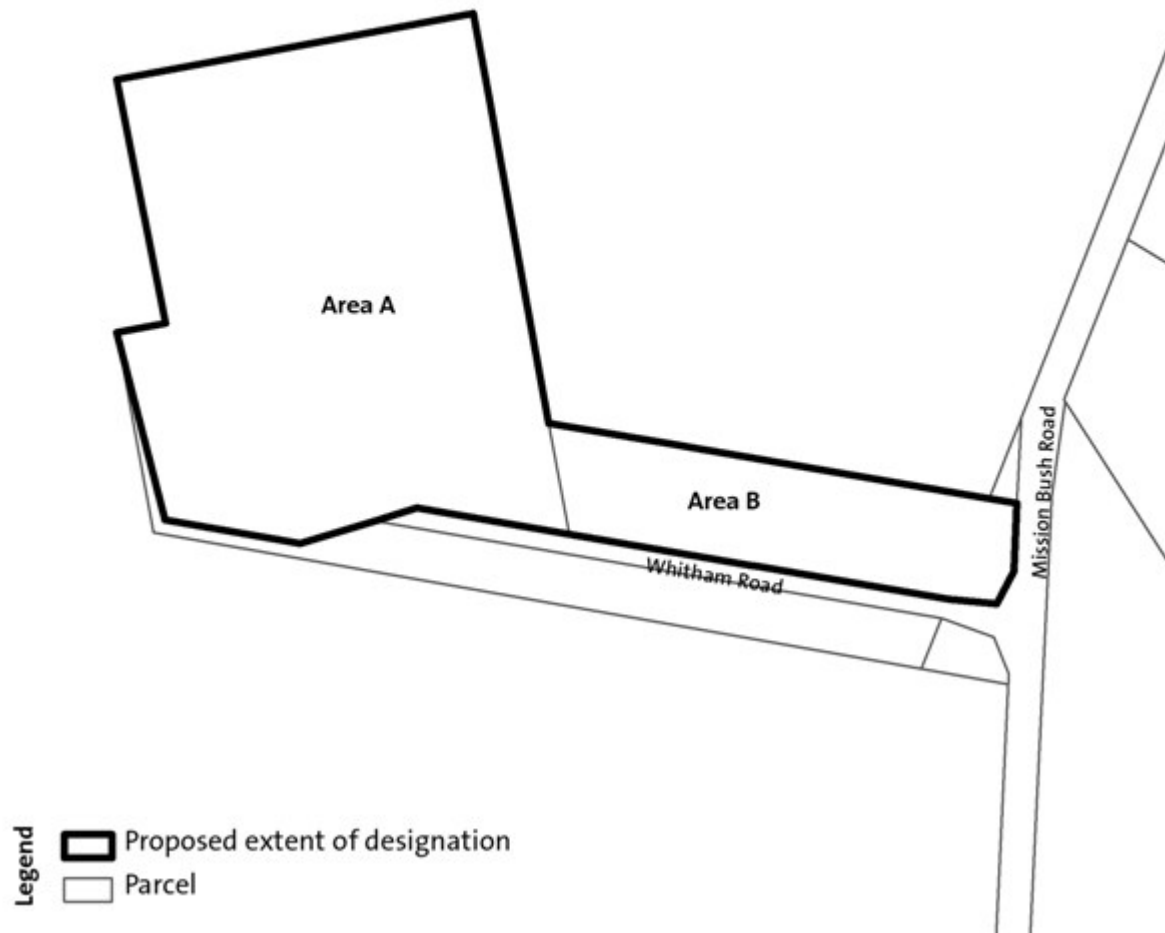
14. The noise limits set out in Condition 13 above shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects.

Attachments

Counties Power Glenbrook Designation Diagram

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Counties Power Glenbrook Designation Diagram
Date: 31 July 2013 | Revision: 0



Kordia Ltd

Designation Schedule - Kordia Ltd

Number	Purpose	Location
3300	Microwave transmission corridor ...	100 Victoria Street West, Central Auckland to 539 Scenic Drive, Waiatarua
3301	Broadcasting and telecommunications facility ...	539 Scenic Drive, Waiatarua
3302	Broadcasting and telecommunications facility ...	Kaipara Hills Road (Pt Allotment 201 Psh Tauhoa), Kaipara Hills
3303	Broadcasting and telecommunications facility ...	192 Browns Bay Road, Pine Hill
3304	Broadcasting and telecommunications facility ...	Repeater Road (Pt Allotment 33 Psh of Atou and Pt Allotment 65A Psh of Atou), Hunua Ranges

3300 Microwave Transmission Corridor

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Designation Number	3300*
Requiring Authority	Kordia Ltd
Location	100 Victoria Street West, Auckland Central to 539 Scenic Drive, Waiaatarua
Rollover Designation	Yes
Legacy Reference	Designation 301, Auckland Council District Plan (Central Area Section) 2005; Designation B08-02, Auckland Council District Plan (Isthmus Section) 1999; and Designation K2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

*Joint Kordia Ltd and Television New Zealand Ltd (Designation 300) designation from 100 Victoria Street West, Auckland Central to Ponsonby Road, Ponsonby. Kordia Ltd only designation from Ponsonby Road to 501 Scenic Drive, Waiaatarua.

Purpose

Microwave transmission corridor - a protection corridor of specified height (elevation above sea level) and width through which no building, structure or tree can pass to ensure continuity of a microwave linking / transmission path from the Television New Zealand Studios at 100 Victoria Street West, Central Auckland to the Waiaatarua transmission tower at 539 Scenic Drive, Waiaatarua.

Conditions

1. All masts, antennas, aerials and other facilities must comply with New Zealand Standard NZS6609: 1990 or any amendments, at all times.

The following table shows, at specific points along the path of the corridor, the width of the corridor and the base-height of the corridor. Intermediate widths and heights shall be determined by extending straight lines between adjacent points.

Path Length (KM)	Corridor Width (m)	Maximum Obstruction Height above Mean Sea Level (m)
0.000 (a)	6.8	62.6
0.025	6.8	63.0
0.050	6.8	63.4
0.075	6.8	63.8
0.100	6.8	64.2
0.125	6.8	64.6
0.150	6.8	65.0
0.175	6.8	65.4
0.200	6.8	65.8
0.225	6.8	66.2
0.250	6.8	66.6
0.275	6.8	67.0
0.300	6.8	67.3

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Path Length (KM)	Corridor Width (m)	Maximum Obstruction Height above Mean Sea Level (m)
0.325	6.8	67.7
0.350	6.8	68.1
0.375	6.8	68.5
0.400	6.8	68.9
0.425	6.8	69.3
0.450	6.8	69.7
0.475	6.8	70.1
0.500	6.8	70.5
0.525	6.8	70.9
0.550	6.8	71.3
0.575	6.8	71.7
0.600	6.8	72.1
0.625	6.8	72.5
0.650	6.8	72.9
0.675	6.8	73.3
0.700	6.8	73.7
0.725	6.8	74.1
0.750	6.8	74.5
0.775	6.8	74.9
0.800	6.8	75.3
0.825	6.8	75.7
0.850	6.8	76.1
0.875	6.8	76.5
0.900	6.9	76.8
0.925	7.0	77.2
0.950	7.1	77.6
0.975	7.2	77.9
1.000	7.3	78.3
1.10	7.6	79.7
1.20	7.9	81.1
1.30	8.2	82.6
1.40	8.5	84.1
1.50 (b)	8.8	85.5
1.60	9.1	87.0
1.70	9.3	88.5
1.80	9.6	90.0
1.90	9.8	91.5
2.00	10.0	93.0
2.10 (c)	10.2	94.5

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Path Length (KM)	Corridor Width (m)	Maximum Obstruction Height above Mean Sea Level (m)
2.20	10.4	96.1
2.30	10.6	97.6
2.40	10.8	99.1
2.50	11.0	100.7
2.60	11.2	102.2
2.70	11.4	103.8
2.80	11.6	105.3
2.90	11.7	106.9
3.00	11.9	108.4
3.10	12.1	110.0
3.20	12.2	111.6
3.30	12.4	113.2
3.40	12.5	114.7
3.50 (d)	12.7	116.3
3.60	12.8	117.9
3.70	12.9	119.5
3.80	13.1	121.1
3.90	13.2	122.7
4.00	13.3	124.3
4.5	13.9	132.4
5.0	14.4	140.6
5.5	14.8	148.8
6.0	15.2	157.2
6.5	15.5	165.6
7.0	15.8	174.2
7.5	16.0	182.8
8.0	16.2	191.4
8.5	16.3	200.2
9.0	16.4	209.0
9.5	16.4	218.0
10.0	16.4	227.0
10.5	16.4	236.0
11.0	16.3	245.2
11.5	16.1	254.4
12.0	15.9	263.7
12.5	15.7	273.1
13.0	15.4	282.6
13.5	15.1	292.1
14.0	14.7	301.8

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Path Length (KM)	Corridor Width (m)	Maximum Obstruction Height above Mean Sea Level (m)
14.5	14.2	311.5
15.0	13.7	321.3
15.5	13.1	331.2
16.0	12.4	341.2
16.5	11.6	351.4
17.0	10.6	361.6
17.5	9.6	372.0
18.0	8.2	382.5
18.5	6.8	393.2
19.0	6.8	403.2
19.1	6.8	405.2
19.2	6.8	407.2
19.3 (e)	6.8	409.2

Key specific points:

- a. Network Centre;
- b. Ponsonby Road;
- c. Corner of Richmond Road and Chamberlain Street;
- d. Corner of Old Mill Road and West View Road; and
- e. Waiaataru.

2. Any significant increase in radio frequency energy levels from this source shall comply with the Auckland City Consolidated Bylaw 1991 and any statutory regulation controlling radio frequency exposure levels.

Attachments

Cross-sections of Land Contour and Path Height

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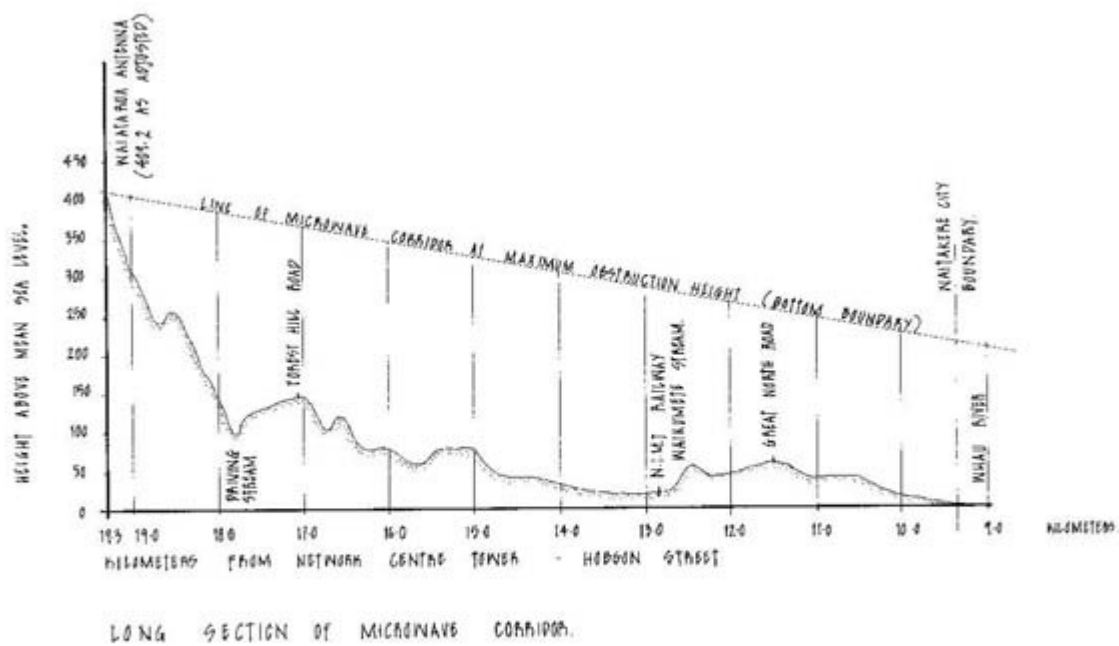


Diagram BCL2

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Technical Paper on Corridor Dimension and Radio Frequency Emissions

[Click here for PDF](#)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

3301 Waiatarua Broadcasting and Telecommunications Facility

Designation Number	3301
Requiring Authority	Kordia Ltd
Location	539 Scenic Drive, Waiatarua
Rollover Designation	Yes
Legacy Reference	Designation K1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Description

Broadcasting and telecommunications facility - the continued operation of the existing broadcasting and telecommunications facility including two lattice towers of 121.9m and 27.5m height, a transmission building with roof top antenna mounting gantry, broadcasting and telecommunication antennas, and ancillary and associated works including power transformer, back-up power generator etc.

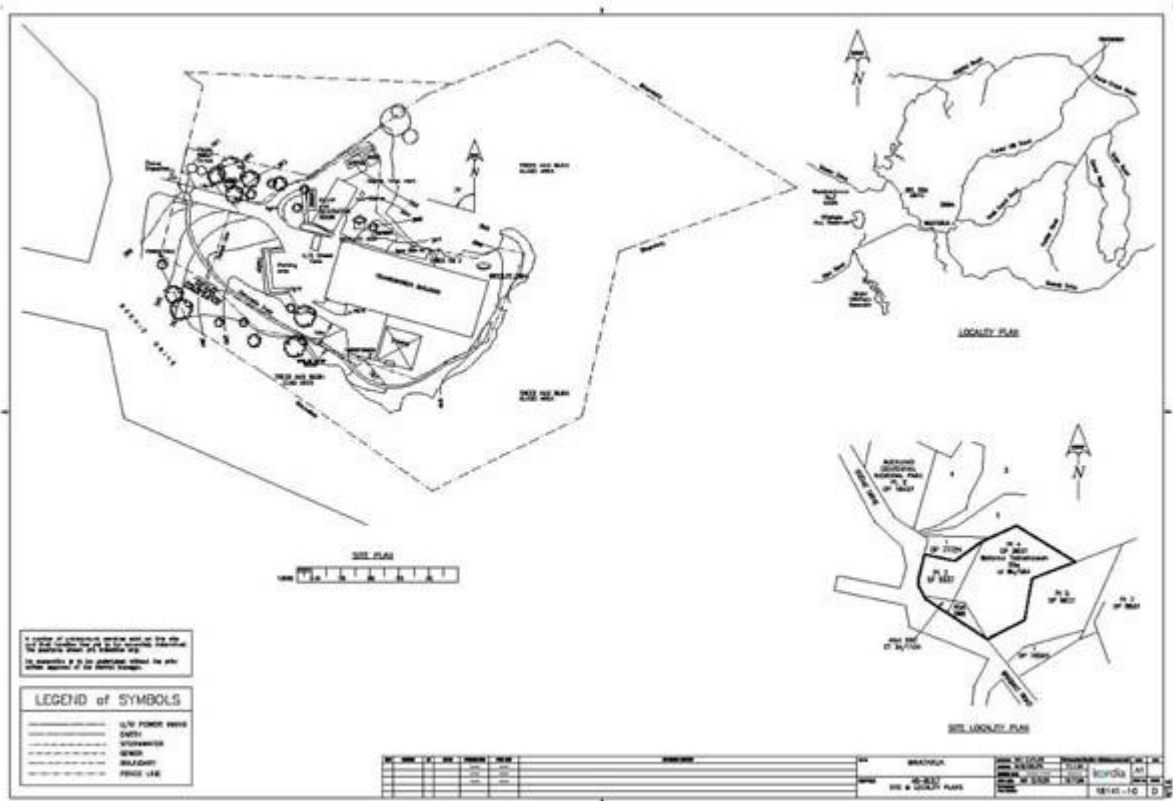
Conditions

1. The Notice shall be given effect to in accordance with the requirement/application and assessment of effects on the environment prepared by Hey Consulting 2011 Limited, and Plans titled 'Waiatarua Tower Layout' being drawing number 18141-101, 'Waiatarua Tower Locations', "Waiatarua Tower No 2 Antenna Locations" 18141-102, "Waiatarua Building East Gantry Antenna Locations" 18141-103 and "Waiatarua Site Plan" being drawing Ref 18141-010.
2. An Outline Plan is not required for the addition and replacement of antennas on the existing tower provided the antenna including the mount, the shroud, and ancillary equipment shall fit within the dimensions of a square shape in plan view that, when measured from the centre of the tower, does not increase the effective visual width of the tower by more than 50% (see attached Diagram 1).
3. An Outline Plan is not required for the addition or replacement of antennas attached to or above the existing transmission building provided that:
 - a. No gantry, pipe mount or antenna extends to an elevation greater than 3m above the roof line of the building; and/or
 - b. No antenna affixed to a building measures greater than 1.2m in dimension.
4. No new structures shall be erected on the site without submission of an Outline Plan of works pursuant to section 176A of the Resource Management Act 1991 other than the antennas set out in conditions 2 and 3 above.
5. Structures which are either intended to replace existing structures or any temporary structures erected for the purposes of allowing maintenance or repair of existing structures are permitted provided that any temporary or replaced structures are removed once any such replacement, maintenance or repair has been completed.
6. Only two telecommunications tower shall be on the site with the main tower having a maximum height of 121.9m and a secondary tower having a maximum height of 27.5m including any attachments.
7. Radio frequency radiation emissions from the site shall comply with NZS 2772.1:1999 Radio Frequency Fields (Maximum Exposure Levels - 3kHz to 300GHz).

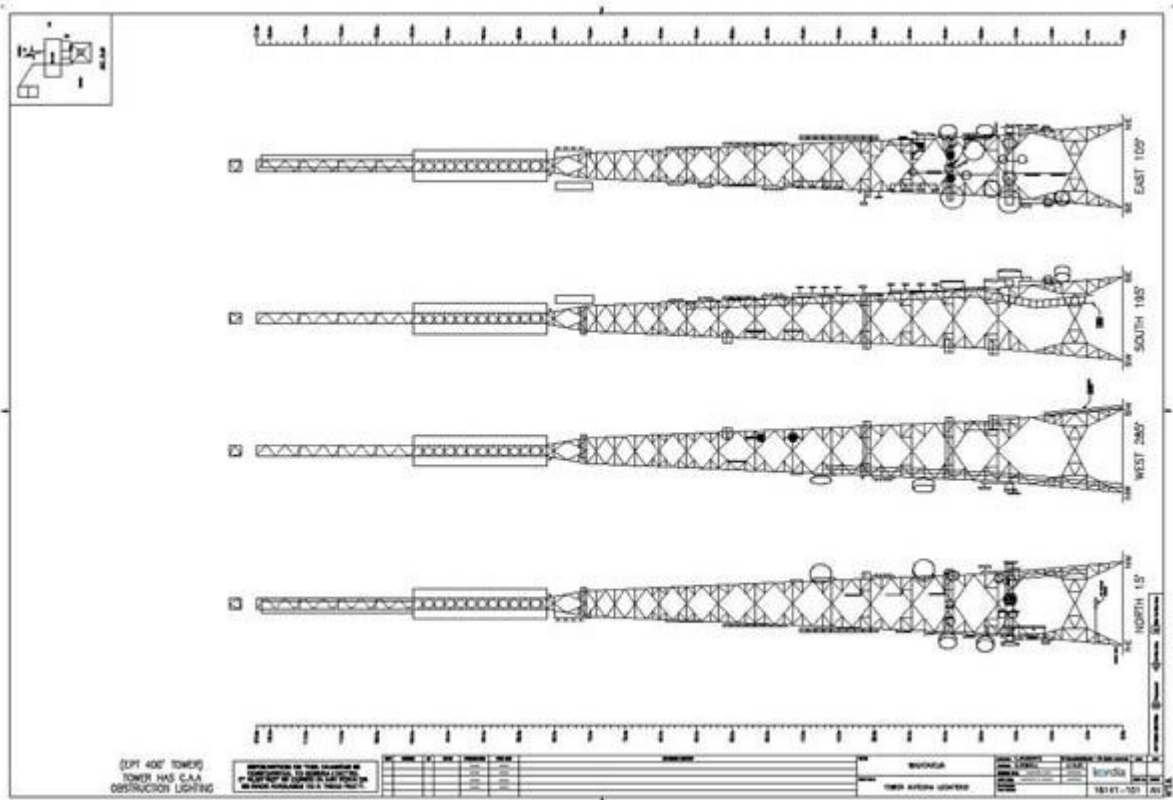
Attachments

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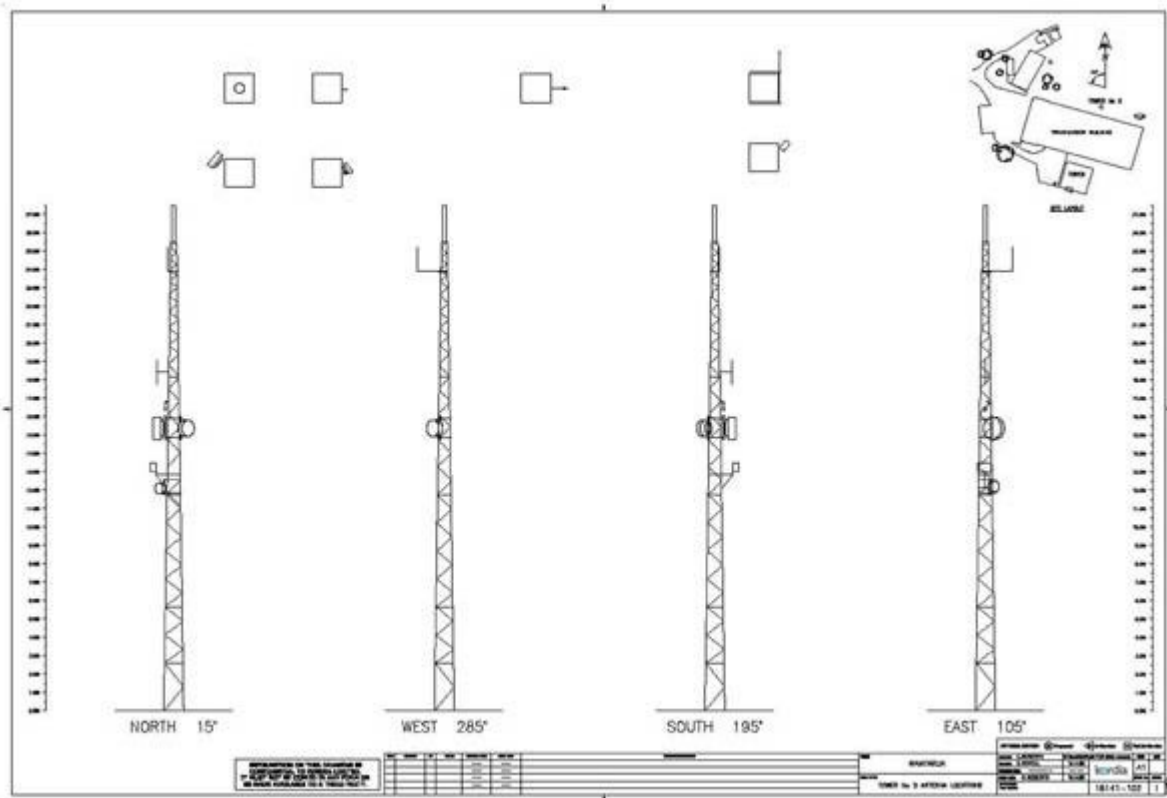
Site and Locality Plan



Tower elevations (Main and Secondary Towers)



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Building East Gantry Antenna Locations

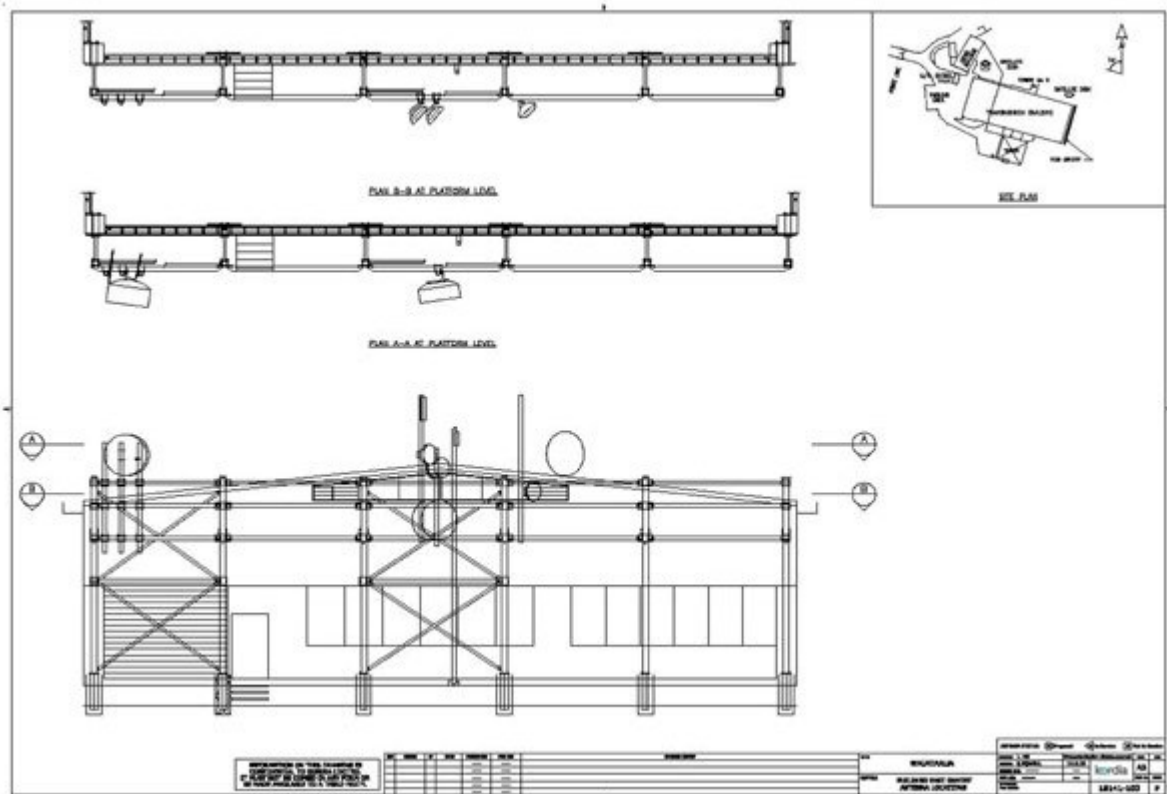
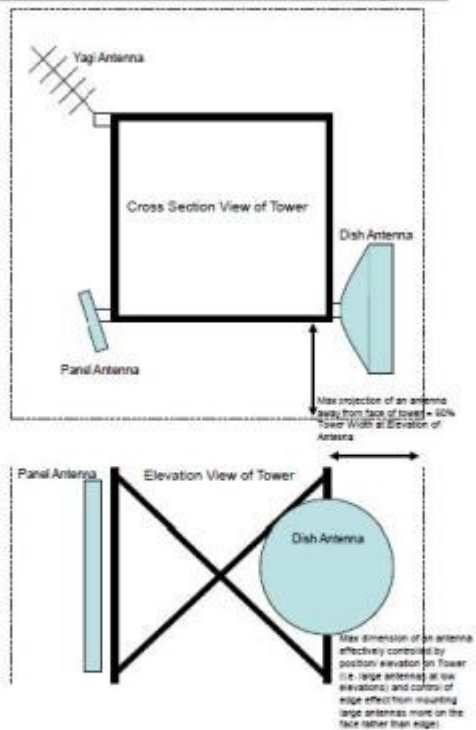


Diagram 1 - Depiction of Antenna Size Condition and Potential Effect

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Depiction of Antenna Size Condition and Potential Edge Effect



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Radio Frequency Emissions Producer Statement

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3302 Kaipara Hills Broadcasting and Telecommunications Facility

Designation Number	3302
Requiring Authority	Kordia Ltd
Location	Kaipara Hills Road (Pt Allotment 201 Psh Tauhoa), Kaipara Hills
Rollover Designation	Yes
Legacy Reference	Designation 970, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Broadcasting and telecommunications facility - the continued operation of the existing broadcasting and telecommunications facility including a monopole mast of 23m height, a transmission building with ancillary and associated works including power transformer, back-up power generator etc.

Conditions

1. General

The activity shall proceed in general accordance with the Notice Of Requirement submitted to council, dated 31st August 2000, and attached plans drawn by Connell Wagner Ltd, Numbered 4290NT/A01, A02, C01, C02, and C03, and plans drawn by Woodward-Clyde (NZ) Ltd Numbered AA28110026/01/A-001 and AA28110026/01/S-001 including the recessive colour scheme proposed.

2. Additional Equipment

The following equipment shall be permitted to be attached to or erected on the mast and associated structures or elsewhere on the site, on a permanent basis without the provision of an Outline Plan pursuant to section 176A of the Resource Management Act in terms of conditions 1 above:

- A steel unipole mast of up to 23m height with an additional 2m lightning rod located at the top of the mast;
- Up to six (6) dish antennas with a diameter greater than 2.5m, but less than 5.0m;
- Broadcasting, telecommunication and radio communication antennas including whip, grid, yagi, dipoles and panels or similar ancillary equipment, but no single antenna shall have a solid frontal surface area of greater than 5.0m² or 2.5m in diameter in the case of dish antennas unless otherwise specified in (b) above;
- Up to two single storey equipment shelters with a combined floor area of less than 50m²; and
- A vehicular access track between the level area of the proposed mast and the road adjacent together with an area for parking and turning adjacent to the main structures.

3. New Structures

No new structures shall be erected on the site without the submission of an Outline Plan pursuant to section 176A of the Resource Management Act other than those provided for in condition 2 above, or structures on the site, or any other temporary structures erected for the purposes of allowing maintenance or repair of existing structures (providing that such temporary structures will be removed once any such maintenance or repair has ceased).

4. Radio Frequency Exposure

- The Broadcasting and telecommunications facility shall be operated so that it satisfies the requirements of NZS2772.1:1999 in respect of all areas to which the public may have access.
- A report from a suitably qualified person shall be submitted to the satisfaction of the Consents Manager within three months of the installation commencing operation, confirming that the site is operating in accordance with the NZS2772.1:1999.
- If the levels do not comply with NZS2772.1:1999, operation shall cease until such time as measures are put

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in place to ensure compliance with the standard.

5. Landscaping

A landscape plan and ongoing plant maintenance programme, involving screen planting of indigenous shrubs and small trees around the facility, with the intent of providing screening for the ancillary buildings and compound, shall be submitted to the Consents Manager, within six months of the date of commencement of the work on the site for the designation. This landscape planting is to form a continuation of the existing vegetation, which extends down the southern slopes of the site. Planting shall be completed by the end of the first planting season following the commencement of work on the site.

6. Archaeological Sites

In the event of an archaeological site being uncovered work is to cease immediately in the vicinity of the discovery and the NZ Historic Places trust is to be contacted so that appropriate action can be taken before work may recommence.

7. Silt Retention

Before commencement of any works, adequate silt retention structures as detailed in the Auckland Council Technical Publication No. 90 "Erosion and Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region" shall be installed. These structures shall be maintained and cleaned out as necessary until such time as complete grass cover or other non-erodible surfacing, has been re-established over the site.

8. Access and Parking

All access, parking and manoeuvring areas shall be formed to a permanent all weather metalled standard to the dimensions set out in the council's "Standards for Engineering Design and Construction", prior to the commencement of the activity.

Note:

A geotechnical report will be required to be submitted with the application for Building Consent. The report shall address the stability of the site and the control of stormwater from the creation of an impermeable surface.

Note:

The Requiring Authority is advised that the site on which the proposed development is situated could be subject to Natural Hazards that may require the Council to invoke a s36(2) Notice Pursuant to the Building Act 1991 at the time a Building Consent is issued for any structure on the land.

9. Administration Fee

The applicant shall pay to Council the administrative fee for processing of this Notice of Requirement within one month of the requirement being confirmed or prior to the us commencing, whichever is the sooner.

10. Monitoring Condition

The applicant shall pay to Council a monitoring charge of the actual and reasonable costs to be paid within one month of the Requirement being Confirmed or prior to the Activity commencing/prior to any site works commencing/whichever is the sooner.

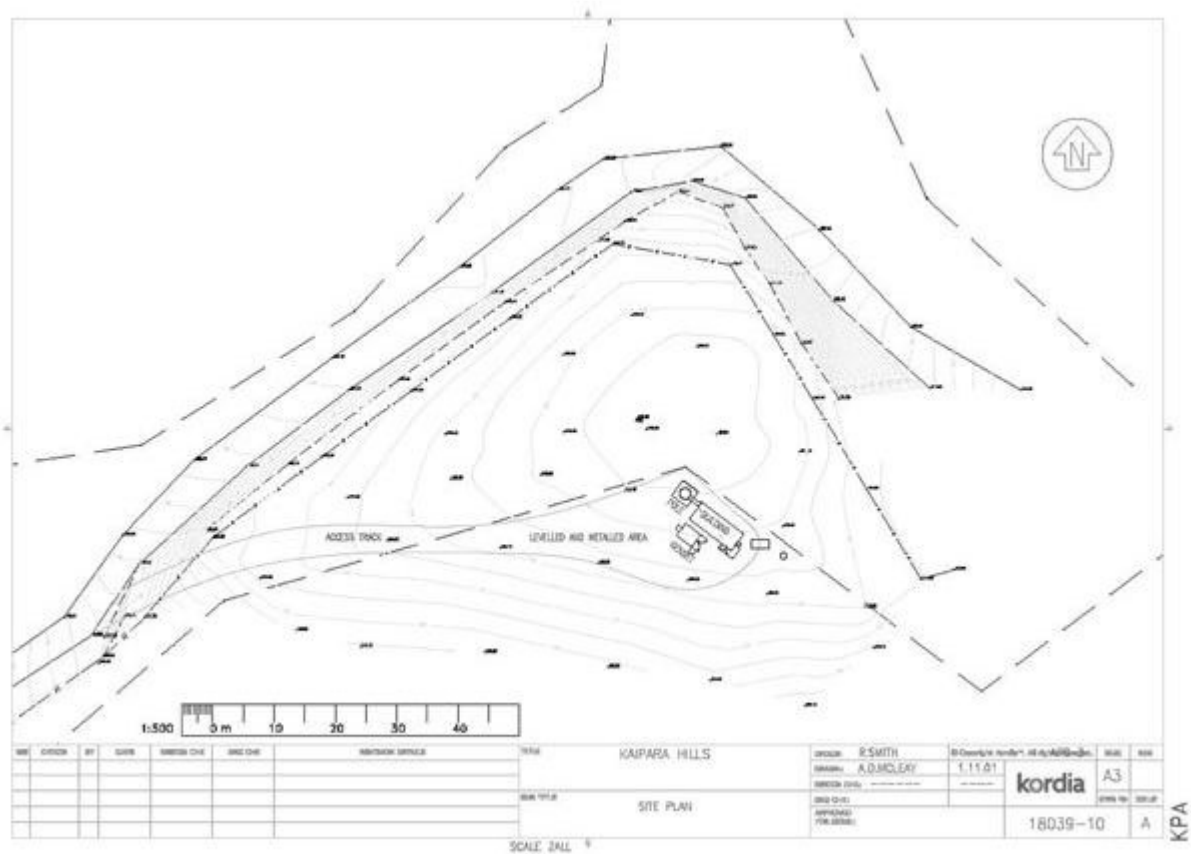
Note:

Please note that this charge covers on site visit only. Should other site visits/works be required to ensure compliance, then further charges will be payable as set out in Council's "Schedule of Fees and Charges".

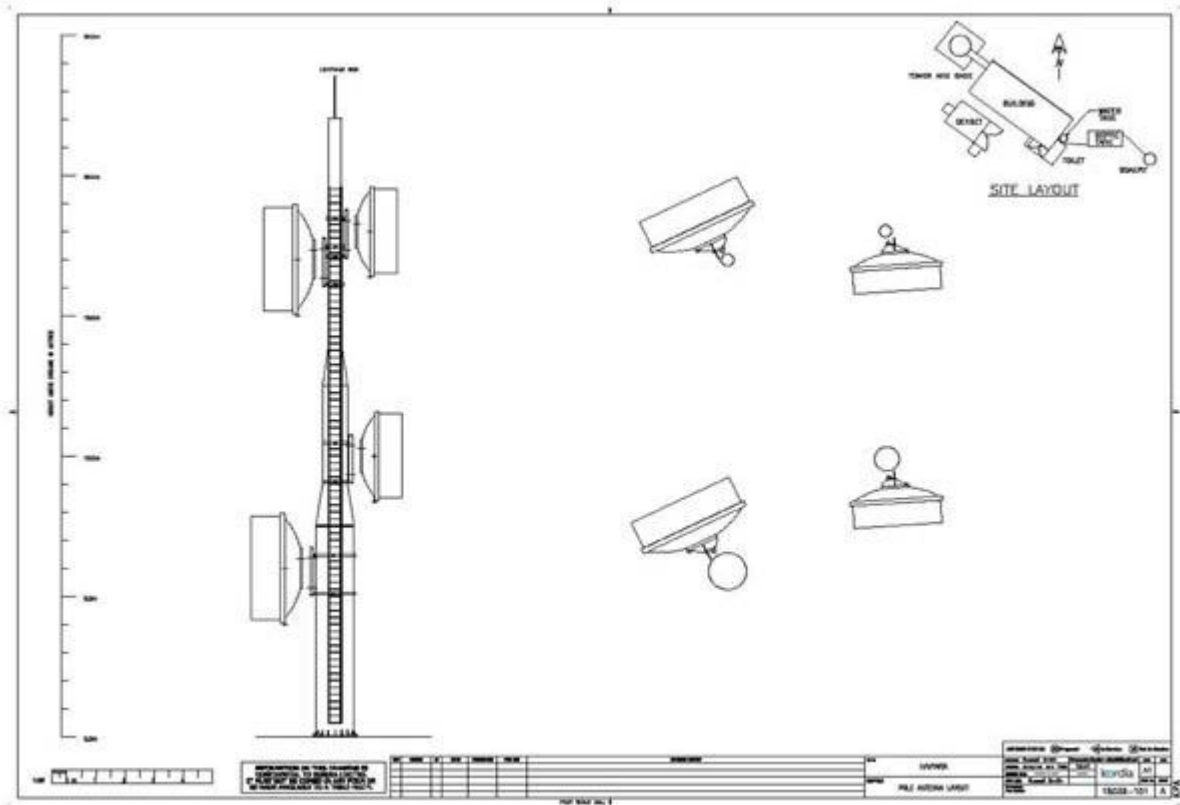
Attachments

Site Plan

The Proposed Auckland Unitary Plan (notified 30 September 2013)



Pole Antennae Layout



Proposed Equipment Shelter and Slab Layout

[illegible]

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The Proposed Auckland Unitary Plan (notified 30 September 2013)

3303 Pine Hill Broadcasting and Telecommunications Facility

Designation Number	3303
Requiring Authority	Kordia Ltd
Location	192 Browns Bay Road, Pine Hill
Rollover Designation	Yes
Legacy Reference	Designation 184, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Broadcasting and telecommunications facility - the continued operation of the existing broadcasting and telecommunications facility including a monopole mast of 27.5m height, a transmission building with ancillary and associated works and activities.

Conditions

1. The following equipment shall be permitted to be attached to or erected on the existing mast, on a permanent basis without the provision of any outline plan of works pursuant to section 176A of the Resource Management Act 1991:
 - a. Broadcasting, telecommunication and radio communication antennas including, whip, grid, yagi, dipoles and panels or similar ancillary equipment, but no single antenna dish or panel shall have a solid frontal surface area of greater than 0.6m² or dimension greater than 1.2m in length or 0.6m in width;
 - b. Any dish shaped antenna greater than 0.3m in diameter must be attached to the mast at an elevation no greater than 18m;
 - c. Up to two dish shaped antennas of 1.2m in diameter at a max height above ground of 14m; and
 - d. No part of an antenna may project a horizontal distance greater than 1.4m from the face of the mast measured radially on an axis from the centre of the mast to the furthestmost edge of the antenna.
2. Antennas may only be mounted on the Mast and or the telecommunications building. No antennas or additional masts may be mounted else where on the site or the access to the site from Browns Bay Road.
3. No new structures shall be erected on the site without submission of an Outline Plan of works pursuant to section 176A of the Resource Management Act 1991 other than the antennas set out in condition 1.
4. Structures which are either intended to replace existing structures or any temporary structures erected for the purposes of allowing maintenance or repair of existing structures are permitted (provided that such temporary structures will be removed once any such maintenance or repair has ceased).
5. Only one monopole telecommunications mast shall be on the site with a maximum height of 27.5m including any attachments (makes provision for a lightening rod).
6. The maximum area of buildings permitted on the site shall be a sum total of 40m² and shall have a height no greater than 5m above ground.
7. All new antennas shall be grey (or similar) in colour with a reflectivity less than 33% as measured by the British Standard BS5252 colour range.
8. Radio frequency radiation emissions shall comply with Resource Management (National Environmental

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Standards for Telecommunication Facilities) Regulations 2008 – Clause 4 Telecommunication facilities generating radiofrequency fields.

9. The noise levels generated by the activity must at all times comply with section 10.5 of the Auckland Council District Plan (North Shore Section) 2002.

10. Kordia shall retain financial responsibility for all equipment and telecommunications activities from the site either through commercial agreement with clients or ownership of equipment.

11. Kordia is responsible for ensuring that any third parties services located on the mast do not interfere with the transmission of telecommunication and radiocommunication services.

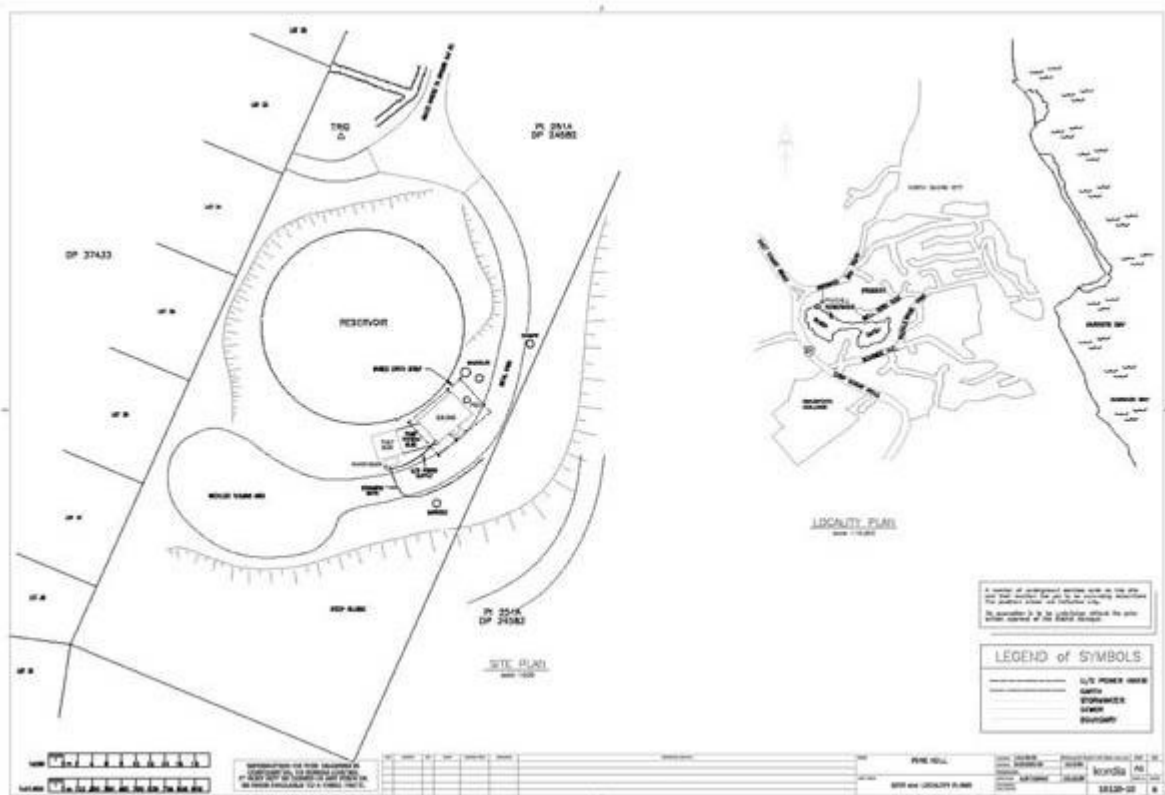
Advice Notes

1. Any works outside the 'envelope of effects' established by the conditions of the Notice of Requirement (as above) will require an alteration to the designation to be lodged and processed in accordance with Section 181 of the Resource Management Act 1991.

2. Prior to undertaking any works on site the applicant/requiring authority must first obtain written consent from Water Care Services Limited who are responsible for the underlying designation with 'prior status' (Designation 102) in accordance with Section 176 of the Resource Management Act 1991.

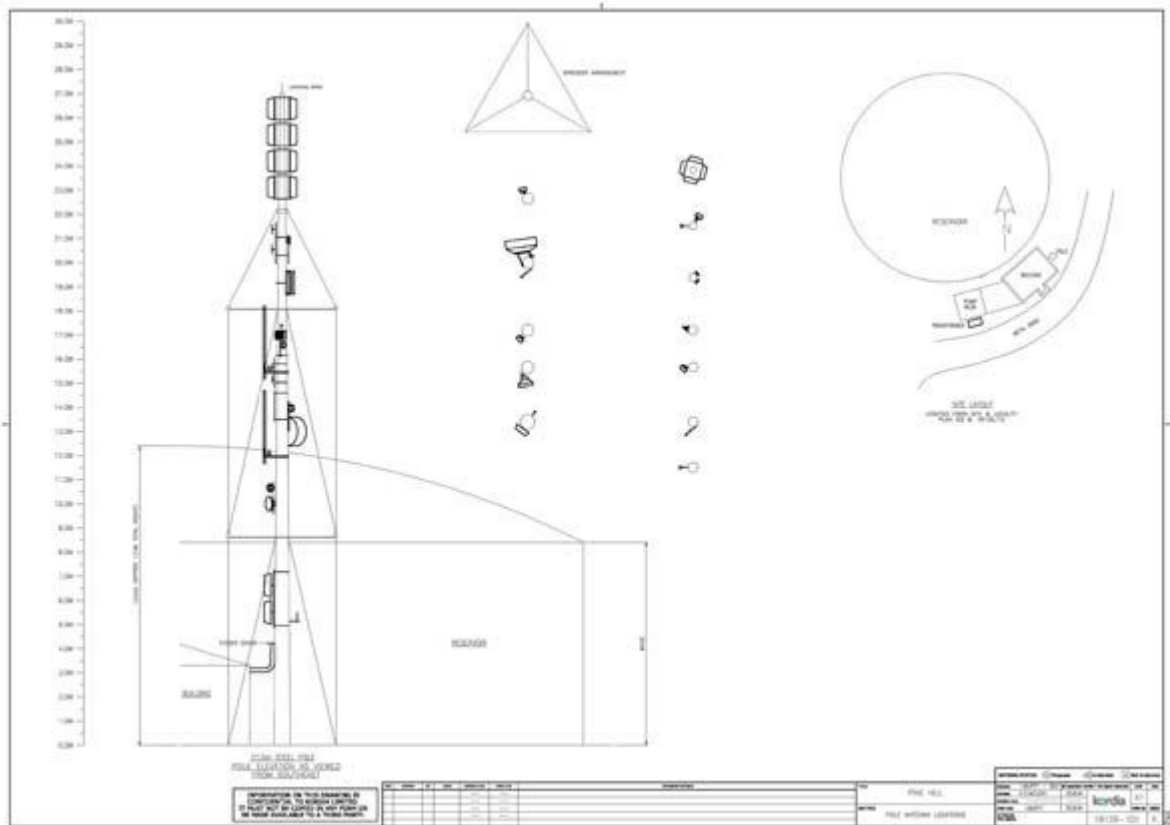
Attachments

Site and Locality Plan



Pole Antennae Locations

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Radio Frequency Emissions Producer Statement

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3304 Hunua Broadcasting and Telecommunications Facility

Designation Number	3304
Requiring Authority	Kordia Ltd
Location	Repeater Road (Pt Allotment 33 Psh of Atou and Pt Allotment 65A Psh of Atou), Hunua Ranges
Rollover Designation	Yes
Legacy Reference	Designation 17, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Broadcasting and telecommunications facility - the continued operation of the existing broadcasting and telecommunications facility including a lattice tower of 20m height, a transmission building with ancillary and associated works including power transformer, back-up power generator etc.

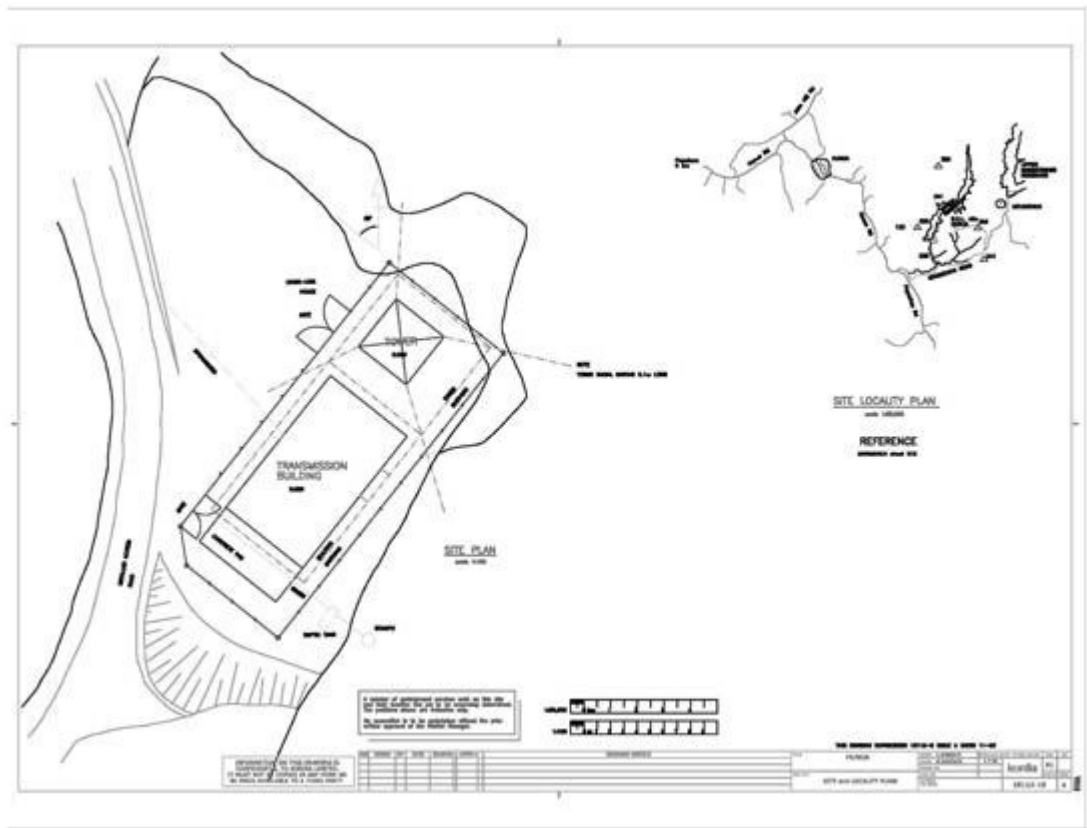
Conditions

1. The Notice shall be given effect to in accordance with the requirement/application and assessment of effects on the environment prepared by Hey Consulting 2011 Limited, and Plans titled 'Hunua Tower Layout' being drawing number 18115-101, 18115-101mod and 'Hunua Site and Locality Plans' being drawing Ref 18115-102.
2. An Outline Plan is not required for the addition and replacement of antennas on the existing tower provided the antenna including the mount, the shroud, and ancillary equipment shall fit within the dimensions of a square shape in plan view that, when measured from the centre of the tower, does not increase the effective visual width of the tower by more than 50% (see attached Diagram 1).
3. No new structures shall be erected on the site without submission of an Outline Plan of works pursuant to section 176A of the Resource Management Act 1991 other than the antennas set out in condition 2 above.
4. Structures which are either intended to replace existing structures or any temporary structures erected for the purposes of allowing maintenance or repair of existing structures are permitted provided that any temporary or replaced structures are removed once any such replacement, maintenance or repair has been completed.
5. Only one telecommunications tower shall be on the site with a maximum height of 20m including any attachments. This includes the provision for a lightning rod.
6. Radio frequency radiation emissions from the site shall comply with NZS 2772.1:1999 Radio Frequency Fields (Maximum Exposure Levels - 3kHz to 300GHz).

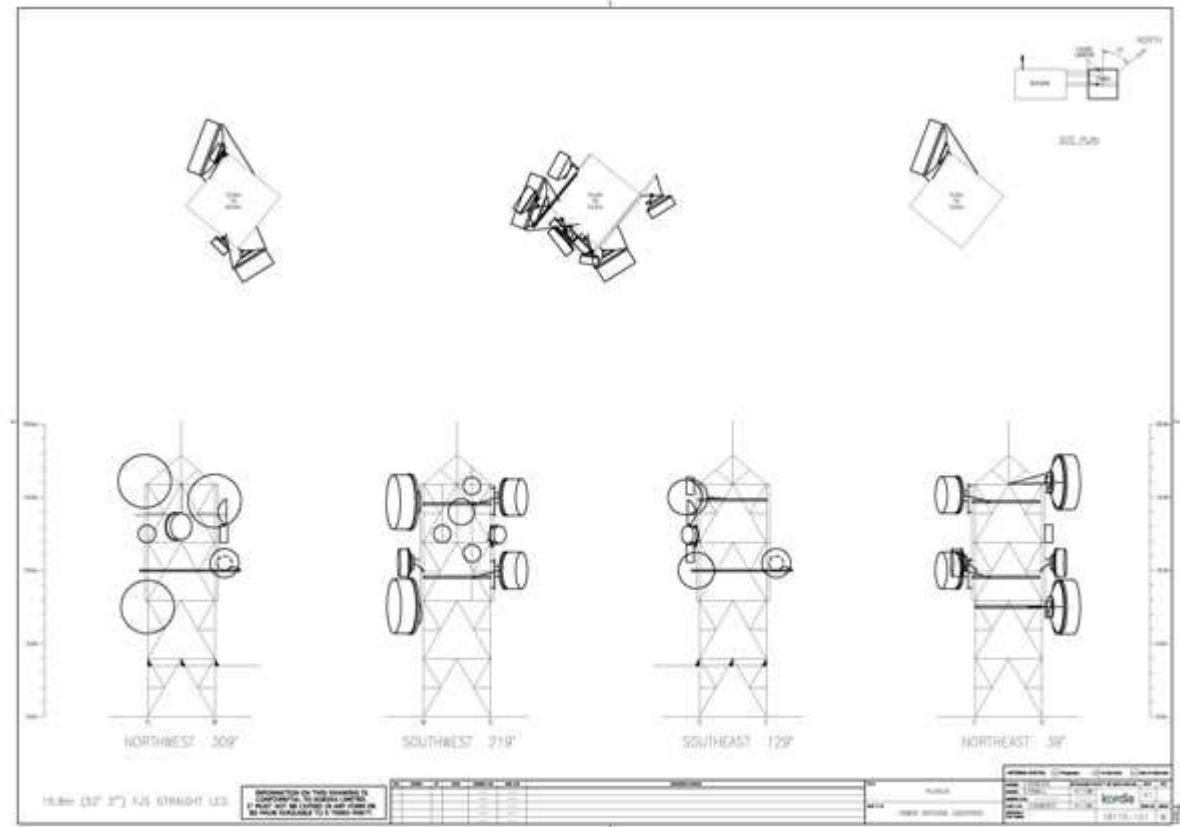
Attachments

Site and Locality Plan

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Tower Antennae Locations



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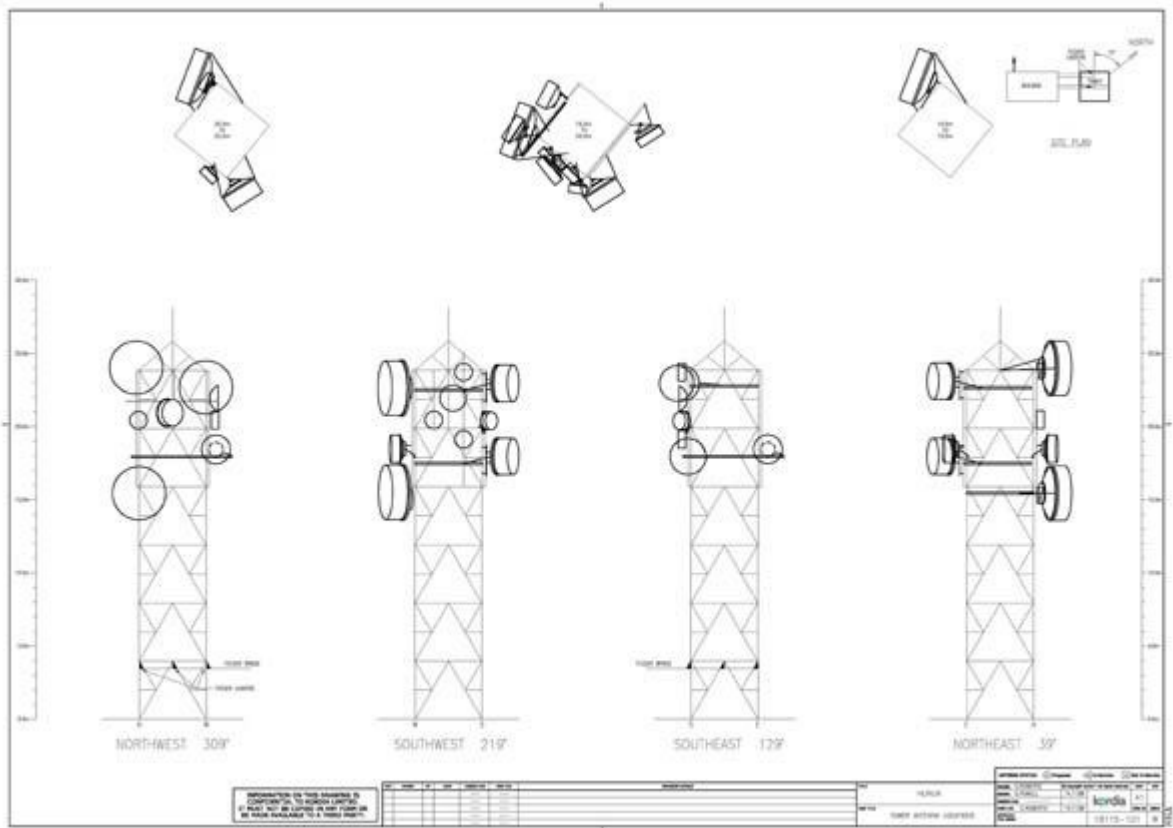
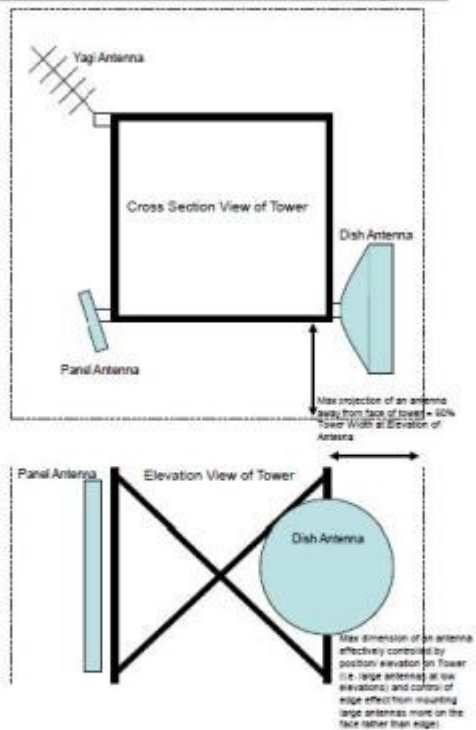


Diagram 1 - Depiction of Antenna Size Condition and Potential Effect

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Depiction of Antenna Size Condition and Potential Edge Effect



The Proposed Auckland Unitary Plan (notified 30 September 2013)

Radio Frequency Emissions Producer Statement

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Maritime New Zealand

Designation Schedule - Maritime New Zealand

Number	Purpose	Location
3500	Lighthouse ...	Chinaman Bay (Sec 2 SO 23207), Tiritiri Matangi

3500 Tiritiri Matangi Lighthouse

Designation Number	3500
Requiring Authority	Maritime New Zealand
Location	Chinaman Bay (Sec 2 SO 23207), Tiritiri Matangi
Rollover Designation	Yes
Legacy Reference	Designation 930, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Lighthouse - the designation is for an area on the island of Tiritiri Matangi that is used for a lighthouse and auxiliary equipment to support the operation of that unit.

Conditions

No conditions.

Attachments

No attachments.

Meteorological Service of New Zealand Ltd

Designation Schedule - Meteorological Service of New Zealand Ltd

Number	Purpose	Location
3700	Weather radar purposes	Mt Tamahunga (adjoins Allotment 111 PSH of Omaha), Omaha
3701	Auckland International Airport automatic weather station - meteorological activities	400 George Bolt Memorial Drive (Auckland International Airport), Mangere
3702	Automatic weather station	Whangaparaoa Road (Pt Allotment 252 PSH of Waiwera), Whangaparaoa Peninsula

3700 Mt Tamahunga Weather Radar

Designation Number	3700
Requiring Authority	Meteorological Service of New Zealand Ltd
Location	Mt Tamahunga (adjoins Allotment 111 PSH of Omaha), Omaha
Rollover Designation	Yes

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Legacy Reference	Designation 960, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Weather radar purposes.

Conditions

No conditions.

Attachments

No attachments.

3701 Auckland International Airport Automatic Weather Station

Designation Number	3701
Requiring Authority	Meteorological Service of New Zealand Ltd
Location	400 George Bolt Memorial Drive (Auckland International Airport), Mangere
Rollover Designation	Yes
Legacy Reference	Designation 113, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Auckland International Airport automatic weather station - meteorological activities.

Conditions

No conditions.

Attachments

No attachments.

3702 Whangaparaoa Automatic Weather Station

Designation Number	3702
Requiring Authority	Meteorological Service of New Zealand Ltd
Location	Whangaparaoa Road (Pt Alottment 252 PSH of Waiwera), Whangaparaoa Peninsula
Rollover Designation	Yes
Legacy Reference	Designation 961, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Automatic weather station.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

No conditions.

Attachments

No attachments.

Minister of Corrections

Designation Schedule - Minister of Corrections

Number	Purpose	Location
3900	Auckland Prison	530 Paremoremo Road, Paremoremo
3901	Auckland Prison reservoir	2 Attwood Road, Paremoremo
3902	Corrections purposes (non-custodial facility) ...	17 Ratanui Street, Henderson
3903	Mt Eden Prison	1 Lauder Road, Mt Eden
3904	Corrections purposes (non-custodial facility) ...	118 Jellicoe Road, Panmure
3905	Corrections purposes (non-custodial facility) ...	222 Queens Road, Panmure
3906	Corrections purposes (non-custodial facility) ...	18 Portage Road, New Lynn
3907	Corrections purposes (non-custodial facility) ...	3-5 Newsome Street, Onehunga
3908	Corrections purposes (non-custodial facility) ...	23 Fort Richard Road, Otahuhu
3909	Corrections purposes (non-custodial facility) ...	24 Canning Crescent, Mangere
3910	Comprehensive corrections facilities ...	20 Hautu Drive and 24 Kiwi Tamaki Road, Manukau
3911	Corrections purposes (non-custodial facility) ...	17 Porchester Road, Papakura
3912	Corrections purposes (non-custodial facility) ...	11 Roulston Street, Pukekohe

3900 Auckland Prison

Designation Number	3900
Requiring Authority	Minister of Corrections
Location	530 Paremoremo Road, Paremoremo
Rollover Designation	Yes
Legacy Reference	Designation 120, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Auckland Prison.

Conditions

1. The following condition (comprising parts a, b, c and d) applies to the whole of designation 3900 Auckland Prison:

The Proposed Auckland Unitary Plan (notified 30 September 2013)

a. Maximum Capacity

- i. That a maximum of 681 prisoners be accommodated within the penal institution at Paremoremo.
- ii. Under this designation, no new buildings or external alterations are to be made to existing buildings to accommodate the extra 31 prisoners, additional to the previous maximum of 650 prisoners.

b. Landscaping

- i. The requiring authority shall carry out landscaping on the site in accordance with the attached Landscape Plan.
- ii. All planting associated with the landscape plan shall be maintained regularly until fully established and kept in a tidy condition, including replacement if any planting dies or is destroyed. The replacement of any planting shall be of the same type, grade and size as the one it replaces, unless otherwise approved in writing by council, and shall be planted no later than the next planting season (i.e. April to September) following discovery of the need for replacement.

c. Parking

To alleviate the apparent parking shortage associated with the eastern wing, the requiring authority shall construct a further eight (8) car parks within 100 metres from the eastern wing.

d. Noise

The requiring authority shall ensure that the following maximum noise limits shall be complied with at all times at the boundaries of the subject site (excluding the boundary of Lot 3 DP 64 525, which continues to be covered by Condition 2b)) as follows:

7am - 10pm	10pm - 7am
55 dBH L10	40 dBA L10 75 dBA Lmax

Noise will be measured in accordance with NZS 6802:1991, Assessment of Environment Sound, and NZS 6803P:1984, the Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work. Noise standards shall not apply to noise for emergency and warning purposes.

2. The following conditions (2a - 2g) relate only to Lot 3 DP 64525 situated on the corner of Iona Avenue and Sanders Road:

a. Odour

No activity undertaken on Lot 3 DP 64525 shall create any intrusive odour that is, or is likely to be, either objectionable or offensive in the opinion of an enforcement officer, and is able to be detected beyond the boundary of the Prison designation.

b. Noise

Prior to the establishment of any activity on Lot 3 DP 64525 that may generate noise less than but within 5dBA of the noise standards specified in the table below, an Acoustic Design Report shall be obtained from a suitably qualified Acoustic Engineer confirming that the activity will not exceed the noise levels specified below:

Maximum Permitted Noise Level measured at the boundary of Lot 3 DP 64525			
Mon - Sat Inclusive	Mon - Sat inclusive	Sun & Public Holiday	All other times
7am - 10 pm	8pm - 11pm	7am - 12am	
50 dBA L10	45 dBA L10	45 dBA L10	40 dBA L10 75 dBA Lmax

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Noise will be measured in accordance with NZS 6802:1991 Assessment of Environmental Sound and NZS 6803P:1984 The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work and noise standards shall not apply to noise for emergency and warning purposes.

c. Outdoor Lighting

i. Outdoor lighting on Lot 3 DP 64525, shall be so selected, located, aimed, shielded, adjusted and screened as to ensure that glare resulting from the lighting complies with the standards specified in the table below.

Outdoor lighting measured horizontally or vertically at the boundary of Lot 2 DP 64525 (being the property owned by Mr P & Mrs M Rudd as at 4/2/02) shared with Lot 3 DP 64525	
7am and 10pm	added illuminance no more than 125 lux
10pm and 7am	added illuminance no more than 20 lux

ii. All outdoor lighting shall be directed downward and shielded from Lot 2 DP 64525 subject to achieving necessary security requirements.

d. Vibration

No activity on Lot 3 DP 64525 shall be permitted to create vibration levels (acceleration in metres per second squared) relative to frequency which affect occupants of adjacent buildings by exceeding the base curves of Figures 2a (z axis), 3a (x and y axis), and 4a (combined xyz axis) of International Standard ISO 2631-2:1989 - Evaluation of human exposure to whole-body vibration - Part 2: Continuous and shock-induced vibration in buildings (1 to 80 Hz).

Vibration will be measured in accordance with ISO 2631:1989, AS 2973: 1987 and AS 2187.2:1993

e. Tree Planting

A buffer strip, to achieve a continuous visual screen of activities occurring on Lot 3 DP 64525 as viewed from Lot 2 DP 64525, shall be planted on Lot 3 DP 64525 alongside the boundary with Lot 2 DP 64525 ("the Rudd property") in accordance with the diagrams entitled "Proposed Plan of Iona Avenue Boundary Showing Fences & Trees to Rudd Property with Corrections". The buffer strip is to be established no later than the planting season following November 2009.

The buffer strip planting is to be mulched and watered for a minimum period of two years following the initial planting and maintained continuously thereafter, by the Requiring Authority. All newly planted trees that die or decline such that in the opinion of the council's Monitoring Officer they are or will be of no screening value, must be replaced. The replacement trees should be of the same type, grade and size and planted no later than the following planting season (May to August), following instruction to do so by council. At any time, the specified plant species may be altered if prior approval is provided in writing by council.

f. Access to Lot 3 DP 64525

Heavy vehicle access to Lot 3 DP 64525 will not be allowed from the road frontage of Iona Road.

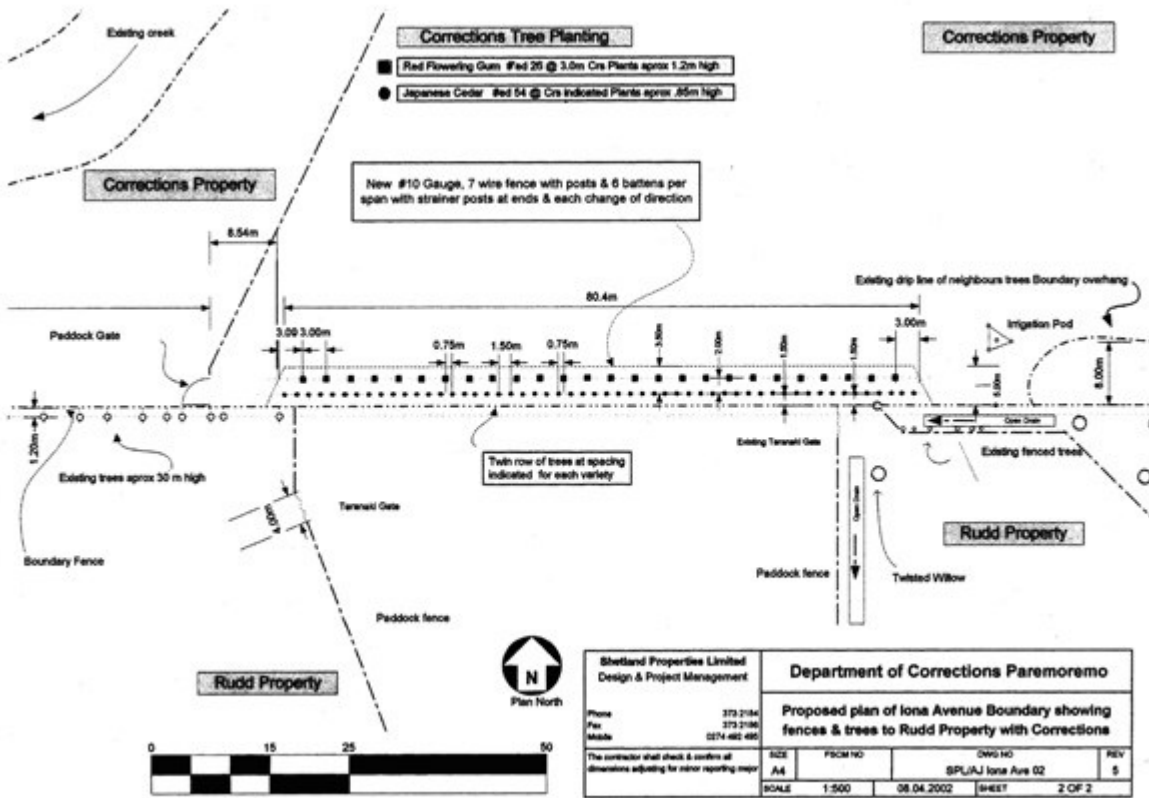
g. Security Fencing

Security fencing will not be erected on the common boundary between Lots 2 & 3 DP 64525.

Attachments

Landscape Plan

The Proposed Auckland Unitary Plan (notified 30 September 2013)



Proposed Plan of Iona Avenue Boundary Showing Fences & Trees to Rudd Property with Corrections

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3901 Auckland Prison Reservoir

Designation Number	3901
Requiring Authority	Minister of Corrections
Location	2 Attwood Road, Paremoremo, Auckland
Rollover Designation	Yes
Legacy Reference	Designation 119, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Auckland Prison reservoir.

Conditions

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No conditions.

Attachments

No attachments.

3902 Non-Custodial Facility - Ratanui Street

Designation Number	3902
Requiring Authority	Minister of Corrections
Location	17 Ratanui Street, Henderson
Rollover Designation	Yes
Legacy Reference	Designation DeptJ2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Corrections purposes (non-custodial facility), including community work centres and probation offices, excluding prisons.

Conditions

1. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Attachments

No attachments.

3903 Mt Eden Prison

Designation Number	3903
Requiring Authority	Minister of Corrections
Location	1 Lauder Road, Mt Eden
Rollover Designation	Yes
Legacy Reference	Designation D08-25, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Mt Eden Prison.

Conditions

The site is comprised of two areas as shown on the diagram annexed as Corrections Auckland Unitary Plan, Heritage Precinct, Date: 7 June 2012/Revision O, namely Area A (heritage precinct), and Area B (other areas). Conditions shall apply to each area as set out below –

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions Applicable to Area A - Heritage Precinct

1. Other than as provided for in condition 2 below, no additions or alterations shall be made to the walls or exterior of the original prison building contained in Area A other than in accordance with an outline plan of works submitted and processed in terms of Section 176A of the RMA.

2. The requiring authority may undertake without an outline plan of works procedure:

- a. Minor modifications and alterations to the walls and exterior of the original prison building which are consistent with any approved conservation plan; and/or
- b. The construction of a sally port at the main entry where such sally port is constructed inside the external walls of the original prison building.

3. The requiring authority may undertake such activities in, and modifications and alterations to, the interior of the existing buildings within Area A as it thinks fit.

Conditions Applicable to Area B - Other Areas

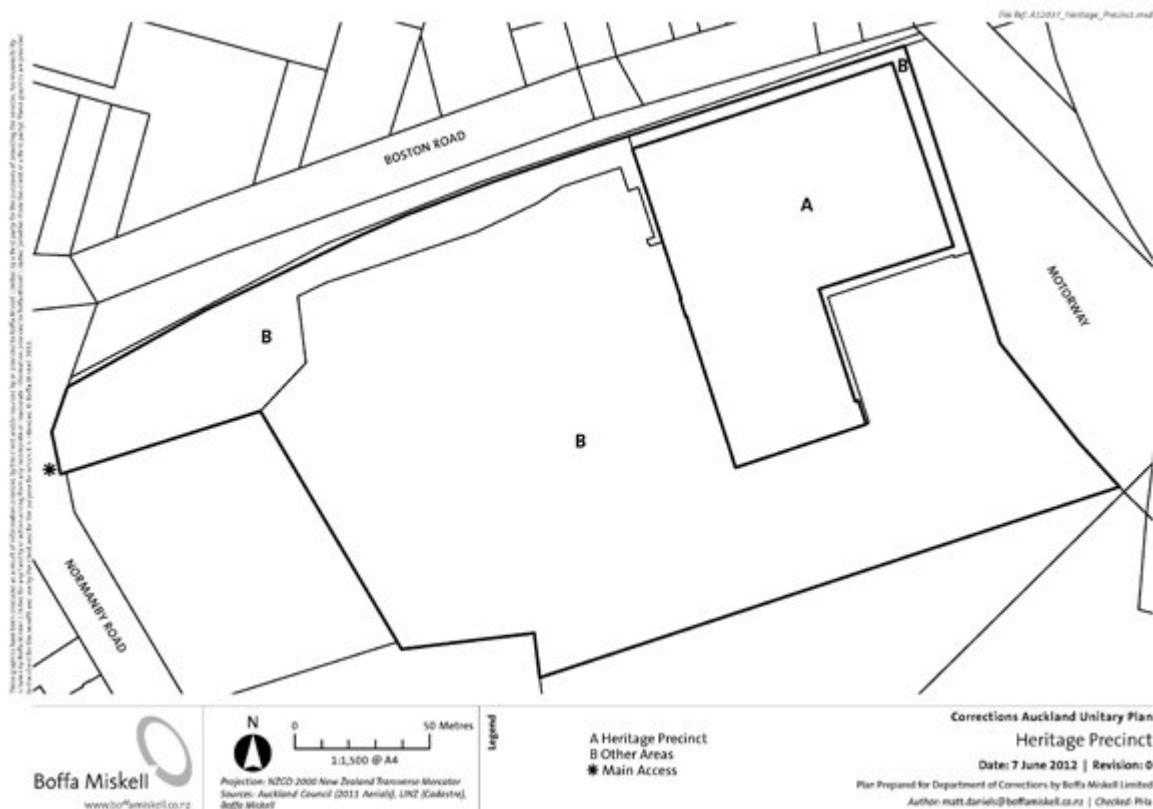
4. No buildings or structures shall be erected in the area shown as Area B other than in accordance with an outline plan of works submitted and processed in terms of Section 176A of the RMA provided that nothing in this condition shall preclude the construction of any sallyport constructed in accordance with condition 2 above.

Conditions Applicable to All Areas

5. In light of the fact that security remains the paramount consideration within the prison, nothing in these conditions shall preclude the erection of security fencing or equipment and structures necessary for maintaining security such as closed circuit television structures.

Attachments

Heritage Precinct Plan



3904 Non-Custodial Facility - Jellicoe Road

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Designation Number	3904
Requiring Authority	Minister of Corrections
Location	118 Jellicoe Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-33, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Corrections purposes (non-custodial facility), including community work centres and probation offices, excluding prisons.

Conditions

No conditions.

Attachments

No attachments.

3905 Non-Custodial Facility - Queens Road

Designation Number	3905
Requiring Authority	Minister of Corrections
Location	222 Queens Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-38, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Corrections purposes (non-custodial facility), including community work centres and probation offices, excluding prisons.

Conditions

No conditions.

Attachments

No attachments.

3906 Non-Custodial Facility - Portage Road

Designation Number	3906
Requiring Authority	Minister of Corrections

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Location	18 Portage Road, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation DeptJ1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Corrections purposes (non-custodial facility), including community work centres and probation offices, excluding prisons.

Conditions

1. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Attachments

No attachments.

3907 Non-Custodial Facility - Newsome Street

Designation Number	3907
Requiring Authority	Minister of Corrections
Location	3-5 Newsome Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H09-09, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Corrections purposes (non-custodial facility), including community Work centres and probation offices, excluding prisons.

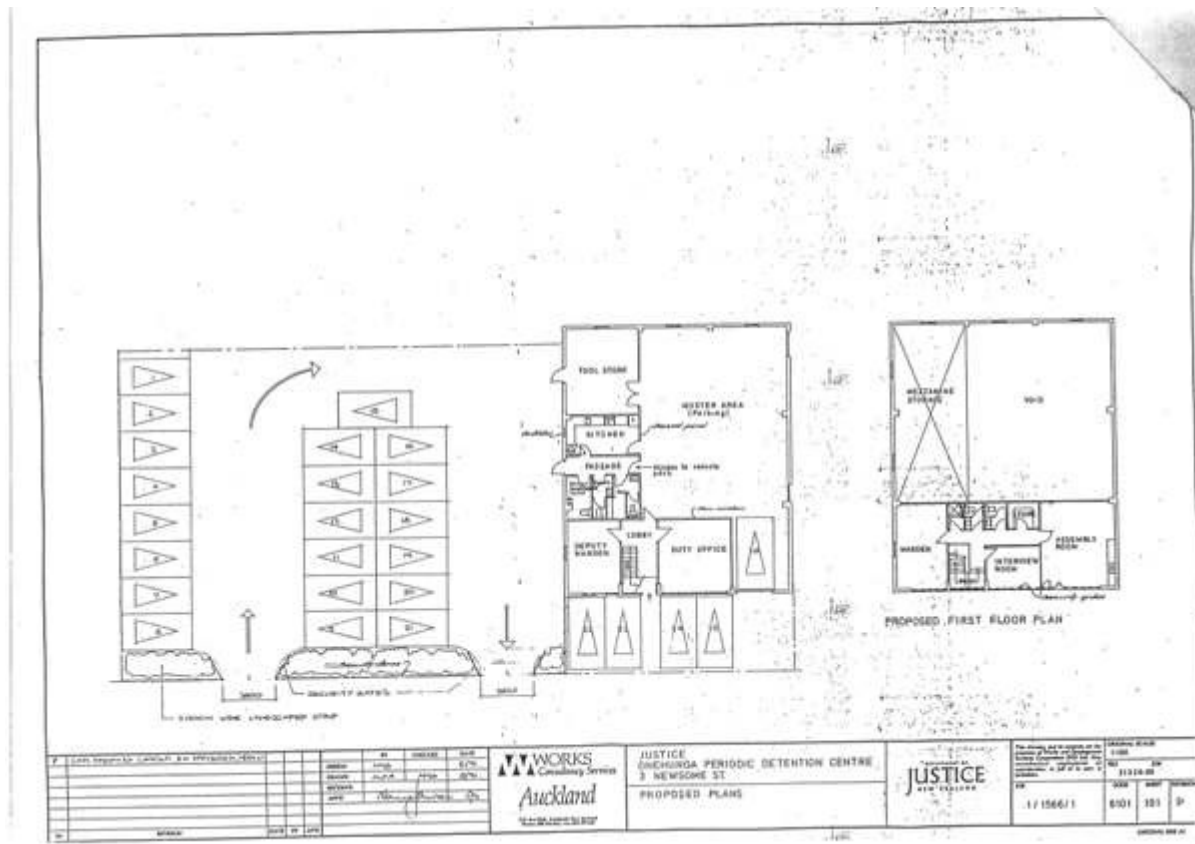
Conditions

1. That the proposed 25 off-street carparking spaces shall be sealed, arranged and marked in accordance with the "proposed plan" (Job No.1/25661/1) prepared by the Works Consultancy Services and tendered at the Planning Hearing on 17 September 1991.
2. That all on-site activities apart from clerical work and any occasional emergency repairs shall cease between the hours of 8pm on any day and 7am the following day.
3. That no more than 80 detainees shall report to the Centre at any one time.
4. That all loading and unloading activities associated with the activity shall be restricted to within the site.
5. That security shall be provided and retained on the site to the satisfaction of the Council.

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Attachments

Proposed Plans



3908 Non-Custodial Facility - Fort Richard Road

Designation Number	3908
Requiring Authority	Minister of Corrections
Location	23 Fort Richard Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J14-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Corrections purposes (non-custodial facility), including community work centres and probation offices, excluding prisons.

Conditions

1. The geological feature on the site being part of the Robertson Hill scoria cone and tuff ring shall not be excavated, physically investigated, damaged, or altered other than in accordance with an outline plan submitted and processed in terms of section 176A of the RMA.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

3909 Non-Custodial Facility - Canning Crescent

Designation Number	3909
Requiring Authority	Minister of Corrections
Location	24 Canning Crescent, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 178, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Corrections purposes (non-custodial facility), including community work centres and probation offices, excluding prisons.

Conditions

No conditions.

Attachments

No attachments.

3910 Wiri Comprehensive Corrections Facilities

Designation Number	3910
Requiring Authority	Minister of Corrections
Location	20 Hautu Drive and 24 Kiwi Tamaki Road, Wiri
Rollover Designation	Yes
Legacy Reference	Designation 288, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Comprehensive corrections facilities comprising a women's corrections facility (Auckland Region Women's Corrections Facility or ARWCF) and a men's corrections facility (MCF).

Conditions

The conditions that accompany this designation apply to the designated site as a whole, except where specified as applying only to the ARWCF or the MCF.

The conditions reference the following plans:

- The Indicative Concept Plan for the ARWCF (Figure 2, 3 February 2004, DB0901);
- The Development Plan for the MCF (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011);
- The Heritage Areas Plan (Figure 2, Revision F, prepared by Boffa Miskell, dated 25 March 2011); and
- The Quantitative Risk Assessment and Mitigation Plan (Figure 3, Revision B, prepared by Boffa Miskell,

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dated 17 May 2011.

The Indicative Concept Plan for the ARWCF is referred to in Condition 1(a). This condition of the original designation required the initial works for the ARWCF, which was established in 2006, to be in general accordance with this indicative concept plan. Condition 1(a) does not limit future activities on the site in so far as they are consistent with the designation and other conditions.

The Heritage Areas Plan identifies those parts of the site identified as heritage areas and remnant cultural landscape features. This plan is referred to in conditions 3, 37 and 38 which set out specific limitations that apply to these areas.

The Development Plan for the MCF shows the indicative location of its secure and non secure facilities, and the controls on development in conditions 81, 82, 83, 84 and 85.

For the purposes of these conditions, 'site' means the entire area of land subject to Designation 3910, unless specified in the condition as either the ARWCF or the MCF site. Reference to 'the Minister' in these conditions refers to the Minister of Corrections or their successor (where their successor is the requiring authority).

The designation is for the construction, operation, maintenance and upgrading of comprehensive corrections facilities and associated facilities and the authorisation of all ancillary activities and facilities including, but not limited to:

- any preliminary or future earthworks not covered by existing consents
- entry buildings
- visitor carparks
- staff carparks
- administration and staff amenities
- visits centres
- inmate receptions
- industries
- kitchens/laundries
- programmes
- health centres
- meeting houses
- high security accommodation
- high medium security accommodation
- medium low security accommodation
- low security accommodation
- self care (inner security area) accommodation
- self care (middle security area) accommodation
- atea
- inmate atea
- village green
- gymnasiums
- playing fields
- stormwater management ponds
- internal roading
- security fences, security walls, surveillance equipment and lighting
- landscaping and 'set back' buffer areas

and shall extend to all of the land shown within the extent of the designation boundary on plan DB0901, figure 2, indicative concept plan dated 3 February 2004 as amended by the Development Plan (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011) and these conditions.

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The designation shall be subject to the following conditions:

Scope of the Designation

1.

a. The initial works for the ARWCF to give effect to the designation shall be generally in accordance with the Notice of Requirement for the ARWCF dated 28 May 2002, and the indicative concept plan, Figure 2, 3 February 2004, DB0901, subject to any amendments required by the conditions that follow. However, nothing in this condition shall limit future activities on the site in so far as they are consistent with the designation and other conditions.

b. All works and activities for the MCF shall be generally in accordance with the Notice of Requirement for Alteration to Designation 288 dated 1 November 2010, subject to any amendments required by the conditions that follow. However, nothing in this condition shall limit future activities on the site in so far as they are consistent with the designation and other conditions.

c. The comprehensive corrections facilities on the site shall be limited to the ARWCF and a MCF.

d. Any secure facilities associated with the ARWCF shall be generally located within the area identified as 'Indicative Extent of ARWCF Secure Facilities' on the Development Plan (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011).

e. Any secure facilities associated with the MCF shall be generally located within the area identified as 'Indicative Extent of prison Secure Facilities' on the Development Plan (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011).

f. Any non-secure facilities associated with the MCF shall be generally located within the area identified as 'Indicative Extent of prison Non Secure Facilities' on the Development Plan (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011).

2. That for a distance of 45m from the northern boundary of the site, adjoining the land of Wiri Oil Services Ltd, no new buildings or activities shall be constructed or carried out. This condition shall not apply to horticultural activities or to maintenance of grounds, or to maintenance, alteration or use of the existing building.

3. No buildings (excluding security fencing and lighting, security and communication devices, including poles for lighting and surveillance equipment) shall be constructed within that part of the Corrections' designation, identified as area "A" on the Heritage Areas Plan (prepared by Boffa Miskell, Figure 2, Revision F, dated 25 March 2011).

4.

a. The accommodation units of the ARWCF shall be located at least 134 metres from the Wiri Oil Services Limited boundary and the outside of the secure perimeter fence shall be located at least 100 metres from that boundary.

b. All inmate accommodation, staff administration and kitchen buildings to be used by staff and inmates within 200m of the Wiri Oil Services boundary shall have mechanical ventilation. The ventilation system shall be capable of having suitable filtration systems installed to minimise odour and VOCs, to the satisfaction of the Manager – Resource Consents based on results of the monitoring required by condition 35.

5. An easement for an esplanade strip and/or access strip for a coastal recreational walkway for the benefit and use of the public shall be granted in the Council's favour at no cost to the Council by the Minister generally along the boundary of the subject land with the Manukau Harbour on the following basis:

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- a. The easement in perpetuity shall adjoin the mark of mean high water springs of the Manukau Harbour, unless the topography requires that it be located away from the coast. The legal documents relating to the easement shall be prepared by the Council's solicitors at the Minister's expense, executed by or on behalf of the Minister and registered on the certificate of title of the land prior to commencement of the proposed activity.
- b. The esplanade strip and access strip shall be of sufficient width to allow cycle and pedestrian access through the area.
- c. The route of the formed walkway shall be determined jointly by the Minister and the Council and shall minimise the impact upon the part of the Corrections' designation identified as area "C" on plan '21095' dated 9 October 2003 (as amended by the Heritage Areas Plan prepared by Boffa Miskell, Figure 2 Revision F, dated 25 March 2011). The construction and maintenance of the walkway will be undertaken by the Council, at such time as it deems fit to do so.
- d. The Minister shall construct and maintain as a minimum a standard post and wire fence along the boundary of the esplanade strip and the access strip easement, within 6 months of the creation of the easement.
- e. The Minister shall take all reasonable steps to place and maintain signs at the boundaries of the Minister's property along the walkway and at the public entrances to the walkway, prior to its use. The Minister shall consult with the Council, with regard to the wording of signage with a view to ensuring that, to the extent practicable, the signage does not discourage the public from using the walkway.
- f. The walkway shall be available to the public during hours of daylight every day of the year except in specified circumstances, to be agreed between the Minister and Council.
- g. During the event of the specific circumstances referred to in Condition 5(f), the Minister shall make available an alternative walkway to continue this public access.

Advice Note:

Easements have been created further to this condition and are registered against Identifier 368904 (North Auckland).

Traffic

6. The principal access to the ARWCF shall be off Hautu Drive, while access for an "emergency situation" may be provided off other adjacent roads. For the purposes of this condition, an "emergency situation" is defined as a situation requiring alternative vehicular access by the Department of Corrections, New Zealand Police, New Zealand Fire Service and/or an Ambulance, New Zealand Defence Force, Civil Defence and includes situations relating to the escape of any inmate.
7. Adequate onsite parking, loading, access and manoeuvring areas be provided at all times for all types of vehicles anticipated to visit the facilities. All onsite parking, loading, access and manoeuvring shall be formed, drained, sealed and marked out in accordance with council's Engineering Quality Standards and Figure 8.5 of Chapter 8 of the Auckland Council District Plan (Manukau Section) 2002. Full engineering drawings in respect of these works shall be submitted to and approved by the council, as part of the Outline Plan of Works.
8. In the event that the McLaughlins Road frontage of the site requires upgrading due to the Minister's construction, establishment, operation and/or maintenance of the facility, and becomes a public road, this shall be constructed to Business Road standards for half a road frontage in accordance with Rule 9.9.2.11(a)(iv) of the Auckland Council District Plan (Manukau Section) 2002. A payment, which shall be agreed between the Minister and the council, shall be paid to the council prior to commencement of the road frontage upgrading (such payment to be applied to the upgrade and to take into account any payments made to the owners of the road for its upgrade).
9. Cul de sacs in accordance with council's Engineering Quality Standards shall be fully formed and vested in the council and at no cost to the council as continuations of Hautu Drive and Ha Crescent prior to the commencement of Construction Work (as defined in chapter 18 of the District Plan). These areas shall include any necessary service berms and footpaths in addition to a standard front berm. Full engineering drawings in

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respect of these works shall be submitted to and approved by the Council.

Landscape and Urban Design

10. An Integrated Design and Mitigation Strategy (IDMS) shall be prepared for the entire designated site and submitted for the approval of the Manager – Resource Consents as part of the outline plan of works for the establishment of the MCF. The Manager-Resource Consents, the Department of Conservation, Ngati Te Ata, Te Akitai (and any other mana whenua group subsequently recognised), Vision Manukau and the Volcanic Cones Society shall be given an opportunity to review and comment on the draft IDMS (including for the avoidance of doubt, the visual mitigation strategy, ecological planting strategy, and comprehensive landscape plan) at least three (3) months prior to its submission with the outline plan of works.

The IDMS shall include the matters set out below.

IDMS Principles and Functions

- a. The IDMS must set out the overarching principles that will shape a visual mitigation strategy, an ecological planting strategy, and a comprehensive landscape plan.
- b. The IDMS shall address building placement, scale and form in relation to the surrounding and proposed landscape context and, in particular, shall identify viewshafts to Maunga Matukutureia from the southern part of the ARWCF, the marae on the CYFS facility, and the Weymouth/Puhinui walkway that are to be protected to the fullest extent practicable. The IDMS shall specify building materials and colour, proposed screening and planting, proposed pest control measures, proposed site preparation and remediation, plant species selection, plant establishment and ongoing maintenance and monitoring requirements.
- c. The IDMS should establish how it is proposed to integrate the development when viewed from the Clendon residential area, ARWCF and CYFS facility, and the means proposed to integrate the scale, form and bulk of the buildings and structures in the western and southern portion of the site in relation to the open space.
- d. All buildings and external structures shall be designed and finished in materials and colours that are generally visually recessive.

IDMS Components

- e. The IDMS shall include the following components, each of which shall give effect to the IDMS and its overarching principles:
 - i. A Visual Mitigation Strategy for the entire site. This shall include but not be limited to:
 - Key visual objectives including the identification and management of views towards the site from surrounding residential, commercial and public open space areas (particularly from the Weymouth/Puhinui Walkway and adjacent DoC reserve) and the objective of maintaining views of Maunga Matukutureia to the fullest extent practicable;
 - The use of mass planting where appropriate within a minimum 8 metre planting strip along all boundaries of the site to enable the screening and/ or visual integration of built forms within the site and with the surrounding landscape character, including the maintenance of the existing landform within this 8 metre planting strip (except where mounding or additional soil depth is required to achieve the optimum growth of plants). The 8 metre planting strip shall not apply to the following locations:
 - At the Hautu Drive, Ha Crescent, McLaughlins Road and Kiwi Tamaki Road vehicle and pedestrian entrances;
 - Either side of the access strip to Kiwi Tamaki Road; and
 - Parking areas, access drives and other hard surfaces associated with the ARWCF existing as at 1 May 2011.
 - ii. An Ecological Planting Strategy, to enhance the ecological attributes of the site, and in particular the south-west corner of the site, providing a buffer between the facilities and the Puhinui Creek. The strategy shall promote the use of eco-sourced species where appropriate.;
 - iii. A Comprehensive Landscape Plan for the entire site, including but not limited to:

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- Planting proposals for the retained wetland area and any stormwater ponds;
- Planting proposals for the entry and parking areas;
- Planting proposals within the required minimum 8 metre planting strip along all boundaries of the site, except in the locations excluded above;
- New parking areas designed with landscaped dividers or islands to provide separate parking bays each containing not more than 100 carparking spaces. The dividers or islands shall be planted with well developed specimen trees capable of growing to a height of approximately 6 metres within 10 years of planting. When determining tree and shrub species, safety aspects such as sight distances must not be compromised;
- Consideration of any planting and/or public amenities on adjoining public land to enable the co-ordinated management of the site's boundaries;
- The name (including botanical), numbers, location, spacing and size of the plant species, details on the timing of planting, and details of existing planting to be retained (where practicable);
- A landscape management programme, including implementation and maintenance, setting out the methods for pest control (including, if necessary, pest proof fencing along the boundary of the site and the Matukuturua Stonefields Historic reserve), use of sacrificial planting (where appropriate), fertilising, and if necessary irrigation, to ensure continued growth of the plants. The landscape management programme shall detail existing and proposed soil depths, sufficient to ensure the optimum growth of the plants. These minimum soil depths may either be achieved using existing ground conditions where appropriate, or through mounding and/or through the provision of additional soil.

iv. A report by a suitably qualified and experienced urban designer and landscape architect on how the design achieves the principles of the IDMS, including how the design achieves a good interface with surrounding areas.

11. The Minister shall not be in breach of Condition 10 if any one or more of the named groups specified do not wish to provide comment.

12. The outcomes of the engagement on the IDMS as specified in condition 10, including the comments provided by the parties and any changes made as a consequence, shall be documented and provided to the Manager – Resource Consents with the outline plan of works for the establishment of the MCF.

13. The Minister will cover the reasonable expenses of the parties named in condition 10 to commission any expert review of the IDMS, subject to the parties discussing the potential for joint engagement of an expert and subject to the Minister's approval of the scope of works and professional services fee proposals, prior to any expert advice or reports being commissioned by the parties.

14.

a. In the event that further outline plans are required and/or submitted for the site, the IDMS shall be updated in accordance with the conditions described above.

b. Unless and until any outline plan is required and/or submitted for further development undertaken at the ARWCF, only the planting including screening, pest and predator control, site preparation, species selection, and ongoing maintenance and monitoring aspects of the initial IDMS shall apply to the existing ARWCF.

15. Except for the screen and mass planting within the minimum 8 metre planting strip along all boundaries of the site, the landscape plan may be altered at any time, provided the changes to the plan are in general accordance with the IDMS and landscape plan which was approved by the Manager – Resource Consents as submitted with the outline plan.

16. The Minister shall implement the comprehensive landscape plan, the ecological planting strategy and the visual mitigation strategy within 12 months of completion of construction of the MCF and shall thereafter maintain all specified works and plantings to the satisfaction of the Manager – Resource Consents.

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Existing Landscaping Plans

17. Until such time as the IDMS required under condition 10 is approved by the Manager – Resource Consents, the following conditions (18-24) shall apply.

18. The visual mitigation and ecological planting plan for the ARWCF approved by the Council with the outline plan of works for the ARWCF on 10 September 2004 shall apply to the site.

19. The visual mitigation and ecological planting plan may be altered at any time with the approval of the Manager – Resource Consents. In that regard, the Manager – Resource Consents shall not unreasonably withhold his or her approval, and in particular will not refuse approval to changes to the plan made necessary as a result of expansion of facilities within the site on the sole ground that such expansion is not consistent with the plan as originally approved.

20. The general landscaping plan for the ARWCF approved by the Council with the outline plan of works for the ARWCF on 10 September 2004 shall apply to the site.

21. The general landscaping plan required under condition 20 above may be altered at any time, provided the changes to the plan are in general accordance with the plan which was approved by the Council.

22. The Minister shall implement the visual mitigation screening strategy within 6 months of completion of initial building construction for the ARWCF and shall thereafter maintain the planting to the satisfaction of the Council.

23. The Minister shall implement the ecological planting within 6 months of completion of initial building construction for the ARWCF and shall thereafter maintain the planting to the satisfaction of the Council.

24. The Minister shall implement the remainder of the general landscaping plan within 15 years of the ARWCF being occupied.

Lighting

25. All exterior lighting plans shall be submitted to the Manager – Resource Consents prior to the commencement of Construction Work. The lighting plans shall show and describe the location, type and intensity of lighting for facilities where external lighting is planned on the site and be approved to the satisfaction of the Manager – Resource Consents, taking into account the security requirements of the corrections facility.

Noise

26. All sleeping areas within the ARWCF shall be provided with acoustic insulation against noise from the adjacent Quarry and Business 5 and 6 zones so that internal noise within the ARWCF resultant from offsite activities does not exceed L10 35dBA 35dB LA10 and Lmax 55 dBA with external doors and windows closed. These spaces shall also be provided with alternative ventilation in accordance with the requirements of the New Zealand Building Code, subject to the satisfaction of the Manager – Resource Consents.

27. Any noise from construction work (as defined in Chapter 18 of the Auckland Council District Plan (Manukau Section) 2002) emanating from the site shall comply with the relevant requirements of the Auckland Council District Plan (Manukau Section) 2002.

28. Sound levels shall be measured and monitored by the Minister in accordance with New Zealand Standard NZS 6802:1999, Assessment of Environmental Sound and the results of the monitoring shall be compiled in a report to be submitted to the Manager – Resource Consents within 6 months of the opening of the ARWCF.

29. Should the results of the monitoring required by Condition 28 indicate that the facility does not comply with the noise limits specified, then discussions shall take place between the Minister and the Manager – Resource

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Consents to resolve this matter and remedy it as soon as is reasonably practicable.

Air

30. The Minister shall undertake monitoring of VOCs, including benzene, in relation to the ARWCF to the satisfaction of the Manager – Resource Consents, the results of which shall be forwarded to the Manager – Resource Consents as and when required. Monitoring shall be conducted simultaneously at two locations:

- a. One at the northern façade of the closest building to the northern boundary of the site which is required to have mechanical ventilation pursuant to condition 4(b); and
- b. The other at a location adjacent to the southern boundary of the site.

31. Monitoring required under condition 30 shall consist of passive sampling with 3M badges in accordance with NIOSH Method 1500 & 1501 or equivalent method approved by the Manager – Resource Consents, to produce monthly average concentrations, and shall be undertaken:

- a. For a period of 12 months commencing not more than one month from the date of confirmation of this designation; and
- b. In any further 12 month period or periods following receipt of written notice from the Manager – Resource Consents that there has been a significant change in the operations at the WOSL site. Results shall be recorded and made available to the Manager – Resource Consents on request. A report on the monitoring programme shall be presented to the Manager – Resource Consents at the end of each 12 month monitoring period. For the purposes of this condition and condition 32 below, a "significant change in the operations at the WOSL site" includes:
 - The commissioning of new fuel tanks within 100 metres of the northern boundary of the ARWCF site; and/or
 - Increases in total storage tank capacity on the WOSL site of more than 40% above 116 million litres, being the capacity on the WOSL site that existed at the confirmation of this designation; and/or
 - Any other change that, in the opinion of the Manager – Resource Consents, could give rise to significant increases in the concentration of VOCs, including benzene, on the ARWCF site.

32. In addition to monitoring required under condition 31 the Minister shall, from the date that the ARWCF opens, commence a field odour monitoring programme for the succeeding 12 months and repeat this five years thereafter and/or in any 12 month period or periods following receipt of written notice from the Manager – Resource Consents that there has been a significant change in the operations at the WOSL site.

- a. The monitoring shall be undertaken by an individual whose olfactory sensitivity complies with the requirements of an odour panellist used in dynamic olfactometry as stipulated in AS/NZS 4323.3:2001 (Stationary Source Emissions — Determination of Odour Concentration by Dynamic Olfactometry).
- b. Odour shall be assessed at no less than five locations in the vicinity of the ARWCF. At least one location will be on the northern boundary fence, and another in a position near the accommodation unit that is closest to that fence.
- c. The odour assessment method shall follow the "single measurement" procedures set out in the German Standard VDI 3940 (Determination of Odorants in Ambient Air by Field inspections).
- d. The location, day, time and atmospheric conditions shall be recorded at the time the assessments are made.
- e. Subject to (g) below, assessments at each location shall as far as practicable be undertaken once per week, with no less than 50 assessments undertaken of each site over the 12 month period. The assessment day and time shall be determined in conjunction with the Manager – Resource Consents and Wiri Oil Services Limited, and shall aim to ensure that:
 - i. The assessments achieve a representative measure of odours at the ARWCF and account for activities at WOSL that may have the potential to cause odour; and
 - ii. Information that is necessary for the Manager – Resource Consents to review the monitoring regime pursuant to (g) below to focus monitoring upon times when odour events are more likely is collected as efficiently as possible.
- f. Results shall be recorded and made available to the Manager – Resource Consents on request. A report on the monitoring programme shall be presented to the Manager – Resource Consents at the end of each 12 month monitoring period.

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g. The Manager – Resource Consents may, if it considers it appropriate having regard to the monitoring results received pursuant to paragraph (e) above, require changes to be made to the monitoring regime so as to focus upon times and/or days of the week when odour events are more likely to occur. Such changes will be made by written notice provided to the Minister or his or her representatives. For the avoidance of doubt, no such alteration to the monitoring regime shall increase its duration beyond 12 months, require monitoring to be undertaken at more than five locations on the site, or require a total of more than 50 assessments of each site to be undertaken during the monitoring period.

33. The Minister shall from the date the ARWCF opens log all air quality complaints received. The complaint details shall include:

- a. The date, time, position and nature of the complaint;
- b. Location within the corrections facility of the complaint and, unless the complainant elects not to supply those details, their name, phone number and address; and
- c. Any remedial actions undertaken. Details of any complaints received shall be provided to the Manager – Licencing & Compliance within seven days of receipt of the complaint(s).

34. If the Council reaches the view that an odour nuisance and/or health effects may be occurring within the site, based on:

- a. The frequency or nature of odour complaints received by the Council (pursuant to condition 33 or otherwise); and/or
- b. Monitoring required under conditions 30, 31 and 32, the Manager – Resource Consents will appoint an independent air quality expert to undertake an investigation and make recommendations pursuant to condition 35 below. The independent air quality expert will be chosen by the Manager – Resource Consents, Wiri Oil Services Ltd and Department representatives. The costs of such expert will be paid for by the Department.

35. In the event that an independent air quality expert is appointed under Condition 34, he or she shall be instructed to undertake an investigation of the site over a period of not less than two weeks and not more than six weeks to determine whether, in his or her professional view, the installation of the filtration equipment specified in condition 4(b) is justified so as to mitigate or avoid odour nuisance and/or health effects.

36. In the event that the independent air quality expert recommends the installation of filtration equipment under condition 35 above, the Minister shall ensure that the specified filtration equipment is fully installed and operational within three months of the date the recommendation is received by the Minister.

Archaeological or Cultural Artefacts

37. The small triangle of land in the south-western corner of the subject site, which includes remnants of a historic stone wall, stone structures, a midden and the spring, shall be excluded from any earthworks and building development (excluding fencing). This area of land is identified as area "C" on plan '21095', dated 9 October 2003 (as amended by the Heritage Areas Plan prepared by Boffa Miskell, Figure 2, Revision F, dated 25 March 2011).

38. The Minister shall carry out consultation with Ngati Te Ata and Te Akitai (and any other mana whenua group subsequently recognised), for any works that are proposed by the Minister within an area identified as a "Remnant Cultural Landscape Feature" shown on the Heritage Areas Plan, prepared by Boffa Miskell, Figure 2, Revision F, dated 25 March 2011. In this regard, consultation should address the following:

- a. Whether any matters pertaining to tangata whenua protocols need to be addressed;
- b. Whether the works afford appropriate acknowledgement of the status of the Area of Significance to Tangata Whenua;
- c. Whether the works take into account the necessary tangata whenua protocols; and
- d. Whether there is a need for tangata whenua monitors to be appointed to monitor earthworks on any part of the site.

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The Minister shall not be in breach of this condition if any tangata whenua group declines to consult.

39. In the event of archaeological features being uncovered (e.g. shell midden, hangi, oven stones, pit depressions, defensive ditches, artefact material, gardening soils or koiwi tangata (human skeletal remains), work shall cease within a 10m radius of the discovery and the Manager – Resource Consents, the New Zealand Historic Places Trust Regional Archaeologist and the appropriate iwi authorities shall be contacted within 72 hours so that appropriate action can be taken.

Advice Note:

The requirement set out in Condition 39 above includes the appropriate iwi authorities and the New Zealand Historic Places Trust being given a reasonable time to record and recover archaeological features discovered before work may recommence there. Work should not recommence until the New Zealand Historic Places Trust has given approval for work to continue.

Ecological Protection

40. Any works that create the potential for inflows of sediment and nutrients into waterways (e.g. the Puhinui Creek mangrove area) and the Manukau Harbour shall comply with the Auckland Regional Council sediment control guidelines and Council requirements.

Advice Note:

At the time the Notice of Requirement for the alteration for the designation for the MCF was lodged, the relevant sediment control guidelines are ARC Technical Publication 90 "Erosion & Sediment Control Guidelines for Land Disturbing Activities in the Auckland Region".

Community Impact Forum (CIF)

41.

a. The Minister shall establish and coordinate a Community Impact Forum (CIF) and appoint an independent chairperson in consultation with the Minister of Māori Affairs and the Council on such terms and conditions as the Minister sees fit; and

b. The CIF shall include the prison management from both the ARWCF and the MCF, the Community Liaison Officer (CLO) for the Comprehensive Corrections Facilities on the site, the Council, and one representative from those of the Manurewa, Papakura, Mangere-Otahuhu, and Otara-Papatoetoe Local Boards that wish to be involved. The Minister shall also invite, as a minimum, 1 representative from the following parties to join the membership of the CIF:

- Mana whenua representatives, being Ngati Te Ata, Te Akitai (and other mana whenua group subsequently recognised) and 1 other tangata whenua representative appointed on the nomination of the Tangata Whenua Committee;
- Local resident and community groups;
- Local business community;
- Department of Corrections including relevant service areas;
- Department of Conservation;
- Ministry of Social Development;
- Child Youth and Family Services;
- Management of the Korowai Manaaki Youth Justice Facility;
- Management of the Weymouth Northern Residential Centre;
- Housing New Zealand;
- Counties Manukau District Health Board;
- Māori service providers to the Comprehensive Corrections Facilities;
- Pacific Island service providers to the Comprehensive Corrections Facilities;
- Te Puni Kōkiri;
- Other social infrastructure and service providers (both government and not for profit) that the CIF agrees as

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appropriate for example; local NGOs, youth representatives, local schools, and early childhood education centres/ kindergartens;

- New Zealand Police (including representatives from Counties Manukau Police District);
- Wiri Oil Services Limited; and
- New Zealand Transport Agency.

CIF Purpose

42. The purpose of the CIF is as follows:

- a. To provide a forum for community and stakeholder involvement through which any issues of community interest or concern can be raised and responded to in relation to the construction of the MCF and the presence and operation of the ARWCF and the MCF including any Outline Plans of Works prepared by Corrections.
 - b. To provide a forum for Corrections to inform the CIF and its members concerning actions taken through its relationships with service providers and government agencies to facilitate the effective provision of social infrastructure, social support and health services to the ARWCF and MCF and to seek the input of the CIF and its members on these matters.
 - c. To develop, review, implement and report on a Social Impact Monitoring Plan (SIMP) that will be used by Corrections in conjunction with other agencies with relevant responsibilities to address any adverse social and cultural effects and community based service delivery and rehabilitation needs attributable to the presence and operation of the ARWCF and the MCF.
 - d. To receive and consider the findings of the SIMP to allow the relevant agencies on the CIF (including Corrections) to respond as appropriate in accordance with condition 52.
 - e. With reference to the SIMP, to identify and promote opportunities to provide mutual benefit for the Comprehensive Corrections Facilities and the local community (for example the provision of local goods and services and employment opportunities) and to support where relevant the achievement of the community outcomes outlined in Tomorrow's Manukau – Manukau Apopo 2006-2016 or other succeeding documents, strategies or frameworks such as Local Board plans.
 - f. To provide a forum for the promotion of policy and programme integration and crosssector collaboration at the local and regional levels, where the effects of the ARWCF and the MCF have relevance to other policy areas;
 - g. To consider issues relating to compliance with designation conditions;
 - h. To recommend project and scheduling priorities to the Social Impact Fund Allocation Committee established under condition 55 for consideration, scheduling and funding.
- CIF Operating Procedures

43. The CIF shall be formed prior to the commencement of the Construction Work on the MCF and no later than 1 February 2012. The CIF shall have its first meeting in February 2012 following appointment of the independent social impact assessment specialist pursuant to condition 48 and circulation of the draft brief for preparation of the SIMP pursuant to condition 51(a). Meetings shall be convened once every 3 months thereafter, unless otherwise sought by the majority of its members.

44. Meetings will be held at times and locations that maximise representation and attendance.

45. The Minister will offer an honorarium to CIF members (including the independent chair appointed pursuant to condition 41(a)) for participants not members of Government Agencies to cover the reasonable expenses in attending meetings. The amount of this honorarium will be at the sole discretion of the Minister. The Minister shall also be responsible for any direct costs of running the meetings.

46. The Minister shall not be in breach of Condition 41 if any one or more of the parties, specified in Condition 41, either do not wish to be members of the CIF or do not attend particular meetings.

47. The CIF shall formulate its Terms of Reference that will include:

- a. Defined roles and responsibilities of its members, to achieve the purposes of the CIF.
- b. A process for reviewing membership and roles of the Minister and other groups and agencies involved in the CIF.

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- c. Procedural matters for the running and recording of meetings, including decision making and quorums for meetings.
- d. The establishment of a working group for the purpose of managing the preparation of the SIMP required by Condition 49 and subsequent annual reviews of the SIMP.

Social Impact Monitoring Plan (SIMP)

48. A suitably qualified independent social impact assessment (SIA) specialist (whose appointment shall be agreed by the Council) shall be engaged by 1 January 2012 to prepare a Social Impact Monitoring Plan (SIMP).

49. The Purpose of the SIMP is to provide a framework to identify, assess, monitor, manage, and re-assess the social and cultural effects (positive and negative) of the ARWCF and MCF on the community, and also provide an annual report on compliance with designation conditions.

SIMP Content and Procedure

50. The SIMP will be based on best practice guidelines and procedures for social impact assessment and shall include:

- a. A social impact assessment, which shall be undertaken by the independent SIA specialist, to provide a baseline of potential effects.
- b. Alignment with the community outcomes sought in Tomorrow's Manukau – Manukau Apopo 2006-2016 or other succeeding documents, strategies or frameworks such as Local Board plans.
- c. A set of indicators covering the drivers and outcomes of potential social and cultural effects attributable to the presence and operation of the ARWCF and/or the MCF. This may include:
 - Changes in demand associated with the ARWCF and MCF on social infrastructure and social services (such as health, housing, education, police);
 - Capacity of the social infrastructure and service providers to respond to increases in demand for social infrastructure and social services associated with the ARWCF and MCF;
 - Community views (positive and negative) associated with the ARWCF and the MCF (e.g. concerning matters such as community safety, the future of the community and its children, and community aspirations);
 - Details of any formalised arrangements and agreements between the Minister and other government agencies in relation to providing supporting services or funding for prison-related activities;
 - Number of prison staff living in or moving into the local area, their transport requirements and accommodation needs;
 - Number of prisoner families living in or moving into the local area, their transport requirements and accommodation needs;
 - Number of released prisoners living in or moving into the local area, their transport requirements and accommodation needs;
 - Number of visitors, their transport requirements and accommodation needs;
 - Changes in local crime statistics, including gang activity;
 - Employment and training opportunities within the local community;
 - Employment and training opportunities for prisoner rehabilitation purposes;
 - Opportunities for training and employment at the Comprehensive Corrections Facility(s);
 - Other relevant indicators as identified and agreed to by the CIF from time to time.
- d. An annual report on compliance with designation conditions.
- e. An annual report on the identification, monitoring, evaluation and management of the effects outlined in the SIMP indicators, together with a summary of matters raised with the CIF and how they have been responded to by the CIF and its members.

51. The following procedures shall apply to the preparation of the initial SIMP and to subsequent annual reviews:

- a. A draft brief to the appointed SIA specialist detailing the scope of work for preparing the initial SIMP shall be prepared by the Minister and agreed with the Council prior to the first meeting of the CIF and shall be circulated

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to the CIF's members prior to the CIF's first meeting.

b. The contents of the final brief to the independent SIA specialist shall be considered and agreed by a majority of CIF members at the first meeting of the CIF.

c. The initial SIMP shall be prepared by the independent SIA specialist with the participation and input of the Minister, the Tangata Whenua Committee, CIF and CLO.

d. The initial SIMP shall be prepared prior to the commencement of Construction Work on the MCF and within 6 months of the approval of the brief to the independent SIA specialist (whichever is the earlier).

e. The SIMP shall be reviewed by an independent SIA specialist annually thereafter with the participation and input of the Minister, the Tangata Whenua Committee, CIF and CLO.

f. Both the initial SIMP and subsequent annual reviews will be made publicly available through the Department of Corrections website and by any other suitable means, and shall be forwarded to the Manager – Resource Consents, the Manurewa Local Board and the CIF, and to the Manukau Library and Te Matariki Clendon Library.

Matters Arising from the SIMP

52. Any social and cultural effects attributable to the presence and operation of the ARWCF and/or the MCF (in whole or in part) and identified through the SIMP shall be dealt with by the Minister according to the following process:

a. The Minister in conjunction with the Tangata Whenua Committee, CIF and the independent social impact assessment specialist will determine where responsibility lies to address any social/cultural effect identified in the SIMP (specifically, whether it is the responsibility of the Minister, other parties, or the Minister in combination with other parties to deal with the social/cultural effect identified).

b. Where there is disagreement between the Minister and the CIF as to:

i. Whether the social and cultural effects are attributable to the ARWCF and/or the MCF (in whole or in part);

ii. The measures required to be undertaken to avoid, remedy or mitigate those effects; or

iii. Whether it is the Minister's responsibility to address any issue (in whole or in part);

an independent and appropriately qualified and experienced arbitrator, agreeable to the Council and the Minister, shall be promptly engaged at the Minister's cost to determine the cause of the social and cultural effects and the measures to be undertaken to avoid, remedy or mitigate the social/cultural effect identified. The independent arbitrator shall consider the findings of the SIMP, the views of the CIF members including the reasons for disagreement, and shall determine whether the effects are attributable to the ARWCF and/or MCF, and if necessary, appropriate measures required to be undertaken to avoid, remedy or mitigate the effects. The independent arbitrator shall also determine whether any matter is within the Minister's responsibility to address, in the event of any disagreement in that regard. The independent arbitrator shall, as soon as possible, issue his or her decision on the matter. In making the decision, the independent arbitrator shall be entitled to seek such further information and hear from the parties as he or she thinks fit.

c. The Minister shall take all reasonable steps to ensure that social and cultural effects identified in the SIMP as attributable to the ARWCF and/or the MCF (in whole or in part), or any effects identified in a decision by an independent arbitrator appointed pursuant to condition 52(b) above, and which are within the Minister's responsibility to address (whether in whole or in part), are appropriately avoided, remedied or mitigated as soon as practicable. To the extent that any matter is outside the responsibility of the Minister to address, he or she will request appropriate Ministers, or any other relevant party, to take such measures as are necessary to avoid, remedy or mitigate the adverse effects of those matters.

d. The Minister shall have available at least \$250,000 budgeted each year ("the social impact fund") to ensure that those social and cultural effects identified in Condition 52(c) as being attributable to the ARWCF and/or the MCF within the Minister's responsibility are appropriately avoided, remedied or mitigated.

e. Any unused portion of the social impact fund made available in any given year pursuant to this condition shall accumulate from year to year to a maximum of \$500,000.

f. The fund and maximum shall be CPI adjusted at 1 July each year. Tangata Whenua Committee and Māori stakeholder consultation

53.

a. The Minister shall establish a Tangata Whenua Committee for the purpose of consultation and advice

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regarding any matters of cultural concern that might arise with respect to the operation or programmes of either of the prisons on the site.

b. Unless otherwise agreed, the Committee shall meet at least 3 monthly and be cochaired by those representatives acknowledged as being mana whenua. The first meeting of the Committee shall take place no later than 6 months following the confirmation of the alteration to Designation 288 and shall be facilitated by the manager of the ARWCF.

c. The membership of the Committee shall include 1 representative from each of the following:

- Ngati Te Ata;
- Te Akitai Waiohau
- Te Kawerau Iwi Tribal Authority
- Huakina Development Trust
- Ngāi Tai Umupuia Te Waka Tōtara Trust ;
- Ngāti Paoa Trust;
- Ngāti Tamaoho Trust;
- Ngāti Whātua o Ōrākei Māori Trust Board;
- Waikato-Tainui Te Kauhanganui Incorporated.

d. The Committee shall determine its own procedures and may, with the Minister's approval, invite other relevant tangata whenua to appoint representatives in addition to those named in this condition.

e. The Minister will offer an honorarium to committee members for participants not members of Government Agencies to cover the reasonable expenses in attending meetings. The amount of this honorarium will be at the sole discretion of the Minister. The Minister shall also be responsible for the direct costs of running the meetings.

f. The Minister shall not be in breach of this condition if any one or more of the parties specified either do not wish to be members or do not attend particular meetings.

54. Prior to the submission of the Outline Plan of Works, the Minister shall ensure that comments are sought from Māori stakeholders groups, including but not limited to those set out below, on the operation of the proposed MCF. The comments will inform the operation of the proposed MCF, particularly as it relates to the rehabilitation and reintegration of Māori prisoners. A report recording these comments will be provided to the Manager – Resource Consents with the Outline Plan of Works. These Māori stakeholder groups may include but are not limited to the following:

- Ngati Te Ata;
- Te Akitai Waiohau;
- Te Kawerau Iwi Tribal Authority;
- Hoani Waititi Marae Trust;
- Manukau Urban Māori Authority;
- Huakina Development Trust;
- Māori Women's Welfare League;
- National Māori PHO Coalition;
- Ngāi Tai Umupuia Te Waka Tōtara Trust;
- Ngāti Paoa Trust;
- Ngāti Tamaoho Trust;
- Ngāti Whātua o Kaipara ki te Tonga (Ltd);
- Ngāti Whātua o Ōrākei Māori Trust Board;
- Orakei Marae;
- Ruapotaka Marae;
- Manurewa Marae;
- Te Wananga O Aotearoa;
- Tumutumu Marae Trustees Committee;
- Waikato Raupatu Lands Trust;
- Waipareira Trust.

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Social Impact Fund Allocation Committee ("SIFAC")

55. The Minister shall establish a Social Impact Fund Allocation Committee whose purpose is to allocate, review and oversee the funds made available by the Minister under condition 52(d) for the purposes recommended to it from the CIF and/or the Tangata Whenua Committee.

- a. The SIFAC shall be chaired by the chairperson appointed to the CIF.
- b. There shall be no more than 7 members of the SIFAC of whom at least 2 shall be appointed by the Minister (one of whom shall be appointed in consultation with the Minister of Māori Affairs), at least 2 shall be appointed by the Council, and up to 2 may be co-opted by the SIFAC following its establishment.
- c. Other than the Chair, no member may also be a member of the CIF unless that is the unanimous resolution of the SIFAC.
- d. The SIFAC shall determine its own proceedings but must report on its activities annually to the Minister and the Manager – Resource Consents. The SIFAC must determine a quorum for the purpose of any significant decision or recommendation.
- e. The Minister shall provide a secretariat to the SIFAC – who may be the Community Liaison Officer.
- f. A member shall be appointed for a term of 3 years and may be reappointed at the end of any such term. A vacancy created by a member retiring or resigning for any reason may be filled in such manner as the SIFAC determines.
- g. The Minister will offer an honorarium to SIFAC members for participants not members of Government agencies to cover the reasonable expenses in attending meetings. The amount of this honorarium will be at the sole discretion of the Minister.
- h. The SIFAC shall cease to exist when the fund created under condition 52(d) ceases and all allocations and reviews have been finalised.

Community Liaison Officer (CLO)

56. The Minister shall appoint an appropriately qualified Community Liaison Officer (CLO) in accordance with the following provisions:

- a. The CLO shall be appointed in consultation with the Council, and on terms and conditions agreed in consultation with the Council, by 1 December 2011.
- b. The responsibilities of the CLO shall include:
 - i. Providing advice to the CIF on appropriate Terms of Reference prior to its first meeting;
 - ii. Ongoing liaison with the independent SIA specialist;
 - iii. Proactively engaging with stakeholders and community, including the members of the CIF
 - iv. Assistance in the preparation of the SIMP;
 - v. Attendance at community meetings and forums as required to engage on issues of relevance to the MCF (including during its construction) and ARWCF; and
 - vi. Attendance at CIF, SIFAC and Tangata Whenua Committee meetings where invited.
- c. The CLO shall be remunerated by Corrections.

Existing ARWCF Community Liaison Group

57. Until such time as the CIF required under Condition 41 is established, the following conditions (58-62) relating to the existing community liaison group for the ARWCF shall apply.

58. The Minister shall establish and co-ordinate a community liaison group which shall comprise a minimum of one representative of each of the following parties:

- The Council;
- Ngati Te Ata and Te Akitai (and any other mana whenua group subsequently recognised);
- Local residential community landowners/community;
- Department of Corrections Management team;
- New Zealand Police;
- Wiri Oil Services Limited.

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The community liaison group will be an ongoing point of contact between Corrections and the community. The group shall be formed within four months of building construction commencing and shall have its first meeting at that time.

59. The Minister shall be responsible for convening the meetings of the community liaison group and shall cover the direct costs of running those meetings and the costs associated with any actions which are agreed to as a result of the meetings.

60. The Minister shall provide an opportunity for the Community Liaison Group to meet at least twice during any 12 month period and also when otherwise sought by the majority of its members.

61. The Minister shall not be in breach of Conditions 58–60 if any one or more of the named groups, specified in Condition 58, either do not wish to be members of the ARWCF Community Liaison Group or do not attend particular meetings.

62. At a minimum, matters to be considered, and recommendations made on, by the Community Liaison Group shall include the following:

- a. Any strategy to be developed by the Minister to ensure that opportunities are provided to the local community for employment associated with the construction and operation of the ARWCF.
- b. A notification network and community response guidelines in the event of an escape from the ARWCF facilities, as well as a point of contact of the facilities for members of the community to call if any issues arise.

Emergency Planning

63. An upgraded emergency management plan (“EMP”) for the ARWCF and the proposed MCF, incorporating evacuation management, shall be developed in consultation with Wiri Oil Services Limited and New Zealand Transport Agency and be submitted to the Council, for the approval of the Council Civil Defence Controller, in conjunction with the Chief Fire Officer Manukau, and the District Commander Counties-Manukau Police. The EMP shall include 24 hour contact details for the facilities in the event of an emergency.

64. The upgraded EMP shall be prepared in two stages. The first stage shall be the upgraded EMP for the ARWCF and shall be submitted to the Council (Civil Defence Controller) within three (3) months of the alteration to the designation being confirmed. The plan shall be developed to particularly address the potential for a vapour cloud explosion from the Wiri Oil terminal. It will include identification of “safe areas” to which people can be evacuated in the event of such an emergency, which may include areas within or outside of the ARWCF secure perimeter (including if required within the non-secure perimeter area of the MCF).

65. Any safe areas identified in the EMP as being outside of the ARWCF and necessary for the emergency evacuation of women prisoners, shall be identified on the Outline Plan of Works for the MCF and be reserved during both construction and operation of the MCF (provided that, during construction, such areas may be moved within the site, provided sufficient area and safe access from the ARWCF is maintained at all times).

66. The upgraded EMP for the ARWCF shall incorporate the findings of a structural assessment of all existing buildings at ARWCF in relation to the 0.5 x 10⁻⁶ risk contour for a vapour cloud explosion for the future growth scenario as modeled in the Sherpa Report¹ from the Wiri Oil terminal. The structural assessment shall be undertaken by a suitably qualified engineer as soon as practicable and shall identify the safe buildings at ARWCF within or to which people can be evacuated in the event of an imminent risk of vapour cloud explosion from the Wiri Oil terminal.

67. The plan will also include procedures by which the total and overnight accommodated population numbers on site are managed, recorded and reported to ensure compliance with the thresholds stated in condition 112.

68. The second stage shall be the upgraded EMP for the MCF and shall be submitted to the Council (Civil

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Defence Controller) prior to the occupation of the MCF.

Wastewater Drainage

69. Adequate provisions shall be made for the disposal of wastewater. This shall involve the extension of the existing public systems from an adequate system to and within the site to provide each building with individual connection points and provision for the upstream catchment(s) in accordance with the Engineering Performance Standards of the District Plan. Engineering plans shall be submitted to Watercare Services and shall be certified as approved prior to the commencement of Construction Work on site.

Water Supply

70. Adequate provision shall be made for the supply of water. This shall include the extension of the existing public system to provide buildings with connection points and provision for surrounding district in accordance with Council's Engineering Performance Standards of the District Plan. Engineering plans shall be submitted to Watercare Services and shall be certified as approved prior to the commencement of Construction Work on site.

Water Quality Pond Management

71. The Minister shall provide Manager – Resource Consents with a copy of the Stormwater Quality Pond Management Operation and Maintenance Plan (that shall include but not be limited to the following):

- a. Outfall structure maintenance of Pond No's 3 and 5.
- b. Post-storm event maintenance procedure.
- c. The frequency of regular maintenance and inspections.
- d. General inspection checklists for all aspects of the stormwater management systems.

72. The Minister shall provide Manager – Resource Consents with a copy of the as-built plans (that shall include but not be limited to the following):

- a. As-built plans of the stormwater management system shall be submitted to the Manager – Resource Consents within thirty days (30) after completion of the stormwater management system;
- b. The surveyed locations and elevations of all stormwater structures, which shall be measured to the nearest 0.1 metre with co-ordinates expressed in terms of the New Zealand Mapping Grid and DOSLI datum;
- c. Stormwater management device details including locations, dimensions, volumes, flood levels, sections, treatment efficiencies, inlet, discharge rates and outlet structures'
- d. Elevations of all inflow and outflow structures;
- e. All flowpath dimensions including emergency flowpaths and the relationship to the Annual Exceedence Probability; and
- f. Documentation of any discrepancies between the approved plans and the 'as-built' plans.

Land Modification

73. All land modification works shall be undertaken in such a manner as to ensure that beyond the boundary of the site there shall be no 'dust' or 'soil erosion/siltation', which in the opinion of the Manager – Resource Consents, is objectionable, offensive or has the potential to create an adverse effect on the receiving environment.

74. If considered necessary by the Manager – Resource Consents, control measures consisting of an all-weather construction entrance will be installed. Such control measures will consist of a stabilised pad of aggregate on a filter cloth base at the construction site entrance/exit to ensure that any vehicles leaving the site do not deposit soil and other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the Minister of Correction's expense. Any major movement of excavated material from the site may require the installation of a wheel wash for trucks at the construction site entrance.

75. The Minister shall ensure that the land within the site and the land on adjoining properties shall remain stable at all times with respect to the approved on-site excavation works.

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76. Adequate provision shall be made during the earthworks construction for the protection and/ or relocation of all existing public drains within the site. Any damage to public drains that may occur during the development shall be the Minister's responsibility.

Network Utility Services

77. Power and telephone services shall be installed underground to provide service connections to the correctional facility and shall be located entirely within the boundaries of the site.

Maximum Prisoner Accommodation

78. Prisoner accommodation within the MCF shall be limited to that required for the management of 1060 prisoners.

79. Prisoner accommodation within the ARWCF shall be limited to that required for the management of 480 prisoners. This condition is subject to conditions 112 and 113.

In addition to the other conditions above, the following conditions (80 – 107 and 115 – 121 and 123- 124) shall only apply to the MCF.

Security Level at the MCF

80. There shall be no maximum security prisoner accommodation at the MCF.

Development Controls

81. Building heights shall not exceed the RL height limits in the separate areas shown on the Development Plan (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011):

Area 1: RL 24.5 metres or four storeys, whichever is the lower.

Area 2: RL 19.5 metres.

(RL above DOSLI datum 1946).

Exemptions from this condition are as follows:

Area 1:

- Sloping roofs (limited to either gable or hip) and rooftop projections, including lift rooms and plant not exceeding 3 metres above the height limit in condition 81(a) above.
- Lighting, security and communication devices, including poles for lighting and surveillance equipment not exceeding 6 metres above the height limits in condition 81(a) above.

Area 2:

- Sloping roofs (limited to either gable or hip) and rooftop projections, including lift rooms and plant not exceeding 2 metres above the height limits in condition 81(b) above.
- Lighting, security and communication devices, including poles for lighting and surveillance equipment not exceeding 2 metres above the height limits in condition 81(b) above.

82. The external face of the secure perimeter wall or fence shall not exceed an overall height of 6 metres above finished ground level, provided that the maximum height of the wall or fence shall not exceed RL 27.5 metres in Area 1 and RL 21.5 metres in Area 2 as shown on the Development Plan (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011). The exterior face of the secure perimeter shall be no closer than 13.5 metres to the external boundaries of the site.

For the purposes of this condition 'finished ground level' shall be measured at the exterior side of the secure perimeter wall or fence.

83. Site coverage shall be no greater than 32% of Area 1 and 20% of Area 2 as shown on the Development Plan (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011):

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For the purposes of this condition the area used to calculate 'site coverage' means that portion of Areas 1 and 2 shown on the Development Plan (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011) covered by buildings. Included in the term "buildings" for the purpose of this definition are accessory buildings, and those parts of the site covered by overhanging buildings, but not fences or walls, eaves, pergolas, slatted open decks, or similar structures of a substantially open nature.

84. The Gross Floor Area ("GFA") for all buildings within Areas 1 and 2, as shown on the development plan (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011), shall not exceed a total of 75,000m².

For the purposes of this condition 'GFA' means the following: GFA is the sum of the gross area of the several floors of all buildings on a site, measured from the exterior faces of the exterior walls, or from the centre lines of walls separating two buildings or, in the absence of walls, from the exterior edge of the floor.

Except as otherwise provided, where floor to floor vertical distance exceeds 6m, the GFA of the building or part of the building so affected shall be taken as the volume of that space in cubic metres divided by 3.6.

In particular, GFA includes:

- Basement space except as specifically excluded by this definition;
- Elevator shafts, stairwells and lobbies at each floor unless specifically excluded by this definition;
- Interior roof space providing headroom of 2.4m or more whether or not a floor has been laid;
- Floor spaces in interior balconies and mezzanines;
- Floor space in terraces (open or roofed), external balconies, breezeways, porches if more than 50% of the perimeter of these spaces is enclosed, except that a parapet not higher than 1.2m or a railing not less than 50% open and not higher than 1.4m shall not constitute an enclosure;
- All other floor space not specifically excluded.

The GFA of a building shall not include:

- Uncovered steps;
- Interior roof space having less than 2.4m headroom;
- Floor space in terraces (open or roofed), external balconies, breezeways or porches. (A "breezeway" is a roofed outdoor area). Provided that not more than 50% of the perimeter of these spaces is enclosed and provided that a parapet not higher than 1.2m or a railing not less than 50% open and not higher than 1.4m, shall not constitute an enclosure;
- Pedestrian circulation space;
- Space for stairs, escalators and elevators servicing a floor or that part of a floor used only for carparking or loading;
- Required off-street parking and/or loading spaces;
- Carparking in basement space (including manoeuvring areas, access aisles and access ramps).
- Non-habitable floor space in approved structures.

85. The sum total of all buildings within the MCF secure facilities area identified on the Development Plan for the MCF (Figure 1, Revision B, prepared by Boffa Miskell, dated 12 May 2011) shall be designed to accommodate the requirement for the management of a maximum of 1060 prisoners.

Traffic

86.

- a. The principal operational access to the MCF (being the access for staff, service providers and visitors) shall be from either Hautu Drive or Kiwi Tamaki Road.
- b. Except as provided for by Condition 87 below, should Hautu Drive be the road that services the principal operational access for the MCF, the following mitigation works shall be undertaken by the Minister or their nominee prior to the occupation of the MCF, and operational limits maintained during its operation:

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i. Works on the Hautu Drive/Roscommon Road intersection as follows:

- Increase the right-turn bay out of Hautu Drive to a minimum length of 50 metres; and
- Increase the right-turn bay on Roscommon Road into Hautu Drive to a minimum length of 100 metres.

ii. Other operational controls as follows:

- Public visiting hours shall not start or finish during the periods 6.30am - 9.30am or between 4.00pm and 6.30pm on weekdays.
- Custodial shift change-overs shall not occur within the period between 6.30am – 9.30am and 4.00pm – 6.30pm.

c. Except as provided for by Condition 87 below, should Kiwi Tamaki Road be the road that services the principal operational access for the MCF then the following mitigation works shall be undertaken by the Minister or their nominee prior to the occupation of the MCF, and operational limits maintained during its operation:

i. Works on the Kiwi Tamaki Road /Roscommon Road/Bolderwood Place intersection as follows:

- Signalisation of the Kiwi Tamaki Road /Roscommon Road/ Bolderwood Place intersection;
- Increase the right turn bay on Roscommon Road into Kiwi Tamaki to a minimum length of 100 metres; and
- Provide a right turn bay out of Kiwi Tamaki Road to a minimum length of 50 metres.

ii. Other operational controls as follows:

- Public visiting hours shall not start or finish during the periods 6.30am - 9.30am or between 4.00pm and 6.30pm on weekdays.
- Custodial shift change-overs shall not occur within the period between 6.30am – 9.30am and 4.00pm – 6.30pm

87. A traffic impact assessment ("TIA") of the potential traffic effects of the MCF operation on the Hautu Drive/Roscommon Road or Kiwi Tamaki Road/Roscommon Road intersection shall be undertaken by a qualified traffic engineer and submitted to the Council with the Outline Plan of Works. The TIA shall include consultation with the New Zealand Transport Agency and Auckland Transport. The assessment shall model the traffic effects of the MCF on the intersection, taking into account the operational characteristics of the prison, including staff numbers, shift patterns, and visitor hours to determine whether the mitigation works and/or operational controls imposed by Condition 86 are required. In the event that the TIA determines the intersection performance can be maintained to a level of service acceptable to the Council and Auckland Transport, without some or all of the mitigation works or operational limits set out in Condition 86, then only such mitigation works or operational controls as are necessary to maintain a level of service acceptable to the Council and Auckland Transport are required.

88. A TIA of the potential construction traffic effects of the MCF on the Hautu Drive/Roscommon Road, Kiwi Tamaki Road/ Roscommon Road/ Bolderwood Place and/or McLaughlins Road (Vogler Drive)/Roscommon Road intersection shall be undertaken (whichever is used for construction traffic) by a qualified traffic engineer and submitted to the Council with the Outline Plan of Works. The TIA shall include consultation with the New Zealand Transport Agency and Auckland Transport, and shall determine the traffic effects of the construction of the MCF on the intersection(s), taking into account the construction duration, methodology, earthwork requirements and construction traffic access. In the event that the TIA determines the intersection performance cannot be maintained to a level of service acceptable to the Council and Auckland Transport, then such temporary works as are necessary shall be undertaken and maintained for the duration of construction to ensure an appropriate level of service.

Post operation monitoring condition

89.

- a. A traffic assessment survey of the actual traffic effects of the operation of the MCF on either Hautu Drive/Roscommon Road or the Kiwi Tamaki Road/Roscommon Road/Bolderwood Place intersection (depending on which one is used as the principal operational access) shall be undertaken by an independent and qualified traffic engineer on an annual basis commencing one year after the occupation of the MCF until such time as the MCF is fully occupied, or five years have elapsed since the initial occupation of the MCF, whichever occurs first.
- b. The traffic assessment survey shall be submitted to Manager – Resource Consents and Auckland Transport

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for review within 2 months of a survey under the above condition.

c. The assessment should consider weekday and weekend peak trip generation, intersection Level of Service and queuing at the relevant intersection resulting from the operation of the MCF.

d. In the event that the traffic assessment survey determines either that:

i. The observed queuing into or out of the principal operational access exceeds the queue storage for these movements; or

ii. The traffic assessment survey determines that the existing level of service for the Roscommon Road through movements at the relevant intersection is "C" (Ausroad standards) or better (excluding traffic attributable to the men's prison) at the time of the survey, and as a result of traffic attributable to the men's prison the level of service for Roscommon Road through movements at the intersection are below the accepted limit of level of service "C" (Ausroad standards), then additional mitigation works within the legal road will be required to produce a level of service "C" (Ausroads standards) on Roscommon Road through the intersection.

e. Where the traffic assessment survey determines that the existing Level of Service for the Roscommon Road through movements at the intersection (excluding traffic attributable to the MCF) is below Level of Service "C" at the time of survey (i.e. either Level of Service "D" or "E"), then additional mitigation works within the legal road will only be required to maintain the existing Level of Service on Roscommon Road through the intersection.

f. Any additional mitigation works required by this condition shall be detailed in a mitigation plan which accompanies the traffic assessment survey referred to in this condition. The mitigation plan shall be provided to Manager – Resource Consents and Auckland Transport for approval together with the traffic assessment survey. The approved additional mitigation works shall be undertaken by the Minister or their nominee within 12 months of the approval by Manager – Resource Consents and Auckland Transport of the mitigation plan.

90. Any of the mitigation works required under Conditions 7 and 86-89 shall be undertaken by the Minister or their nominee at their cost.

Travel Demand Management

91. The Minister or their nominee shall submit a framework Travel Demand Management Plan ("TDMP") with the Outline Plan of Works for the MCF, for the purposes of encouraging increased use of public transport and active modes (such as walking and cycling) and ride share schemes as a means of travel to the site. The TDMP plan shall be prepared to the satisfaction of the authorised representative of Auckland Transport and shall address, but not be restricted to the following:

- a. Working with Auckland Transport to promote the aims outline above;
- b. Promotion of safe and sustainable travel for all users of the prison facility;
- c. Monitoring, review and amendment as appropriate of the facilities for active modes, public transport and ride share schemes; and
- d. How active modes, public transport and ride share will be encouraged and promoted.

The effectiveness of the TDMP shall be reviewed annually by the Minister or their nominee. The results of the review, including any new measures to encourage increased use of public transport and active modes, shall be reported within 2 months of the review to Auckland Transport.

Parking and Cycle Facilities

92. The parking required for the MCF under condition 7 shall include the allocation of at least 20 parking spaces for multi-occupancy vehicles and be located as close as practicable to the staff entrance. The use of these parking spaces shall be monitored, reviewed and supply adjusted as part of the Travel Demand Management Plan. Provision shall also be made for at least 10 covered and secured cycle stands for staff and 5 cycles stands for visitors, and a minimum of 2 (if not already provided) showers/changing rooms within the staff facilities.

Kiwi Tamaki Road

93. All reasonable steps shall be undertaken by the Minister to secure appropriate access arrangements to and

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from the MCF over the adjoining property to Kiwi Tamaki Road. In the event that such access is secured it shall serve as the principal access for the MCF and Hautu Drive shall only be used for emergency purposes, but Hautu Drive will continue to be the principal access to the ARWCF. In the event, however, that access from Kiwi Tamaki Drive cannot be secured, Hautu Drive will be the principal access for the MCF.

Lighting

94. All external lighting shall be designed by an appropriately qualified illumination engineer to comply with Australian Standard AS4282, and the final external lighting design plan shall be submitted to the **Manager – Resource Consents** for approval prior to the commencement of Construction Work in relation to the MCF.

Noise

95. The noise levels from activities within the MCF measured at the following receiving locations shall not exceed:

Receiving Location	Average Maximum Level dBL _{Aeq}		Maximum dBL _{Amax}
	Mon-Sun 7am-10pm	At all other times	
At the boundary of any residential zone, at the boundary of Child Youth and Family Services' Korowai Manaaki Youth Justice Residence and at the inner security area of the ARWCF	50	40	65

96. External facades to all sleeping areas in the MCF shall be designed to achieve an indoor noise level of LA_{eq} 35dB with external doors and windows closed. The design shall be based on a level of LA_{eq} 70dB measured at any point on the boundary of the MCF site based on the source of noise being at 60m inside the neighbouring sites. The spectrum of the noise on the boundary shall be that prescribed in the table below. The design shall take into account the typical reverberation time of the receiving rooms.

63Hz	125Hz	250Hz	500Hz	1000Hz	2000Hz	4000Hz	dBa
79dB	72dB	71dB	66dB	64dB	64dB	59dB	70dB

These spaces shall also be provided with alternative ventilation in accordance with or better than the requirements of the New Zealand Building Code to the satisfaction of the Manager – Resource Consents.

97. Noise levels shall be measured and assessed in accordance with the requirements of New Zealand Standard NZS 6801:2008 “Acoustics - Measurement of Environmental Sound” and New Zealand Standard NZS 6802:2008 “Acoustics - Environmental Noise”.

98. Construction noise shall not exceed the limits specified in and shall be measured in accordance with New Zealand Standard NZS 6803:1999 “Acoustics – Construction Noise”.

99. Construction vibration shall not exceed the limits specified in Table 3 of the German standard DIN 4150-3:1999 “Structural Vibration – Effects of Vibration on Structures” and shall be measured in accordance with these standards.

100. A Construction Noise and Vibration Management Plan showing how construction activities will comply with New Zealand Standard NZS 6803:1999 “Acoustics – Construction Noise” and German Standard DIN 4150-3:1999 “Structural Vibration – Effects of Vibration on Structures” shall be prepared and submitted for the

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approval of the Manager – Resource Consents prior to the commencement of Construction Work in relation to the MCF.

Screening

101. Buildings shall be designed to ensure that there are no direct views between prisoner accommodation and the Children Youth and Family Korowai Manaaki Residential Facility at 24 Kiwi Tamaki Road (Pt Lot 1 DP 177225).

102. Buildings shall be designed and/or visual barriers used to ensure that prisoners within the ARWCF are not visible to prisoners within the MCF, and to ensure that prisoners within the MCF are not visible to prisoners within the ARWCF.

Contamination

103. Prior to the commencement of Construction Work on the MCF site, a Contaminated Land Management Plan (“CLMP”) shall be prepared by a suitably experienced person and submitted to the Manager – Resource Consents for approval. The CLMP shall make reference to the site investigations undertaken, and provide procedures and methods for the management (i.e. treatment and/or removal) of any contaminated soils or water on the site, during and post construction.

Community Safety Management Plan (CSMP)

104. Prior to occupation of the MCF, the Minister shall provide to the Council a Community Safety Management Plan (“CSMP”) that includes the following matters:

a. Response to a prison escape:

The CSMP shall set out procedures to be followed in the event of an escape and a notification procedure for neighbours and the surrounding community.

b. Visitor management:

The CSMP shall set out procedures to be followed to manage visitors’ behaviour on site. This shall specify practices such as visits by appointment only and subject to approval from the site manager, requirements for identification to be presented, police checks and spot checks of visitors’ cars for drugs and other contraband. Visitor ablution facilities shall be provided on-site.

Name, signage and visibility

105. The name of the MCF must not draw any association with any local feature or place name.

106. All signage relating to the prison shall be located within the MCF site and kept to a practicable minimum size and number.

107. Where practicable, marked prison vehicles shall not use residential streets.

Quantitative Risk Assessment and Mitigation

108. The Minister shall meet, at least annually, with Wiri Oil Services Limited to discuss any relevant compliance issues arising, information exchange or revisions that may be required to the deed between the Department of Corrections and Wiri Oil Services Limited dated 7 March 2011. That deed addresses the management and mitigation of any effects arising from the potential risk of vapour cloud explosion on the prison site or reverse sensitivity effects on WOSL arising from AWRCF activities, including the requirement for further risk assessment should either party be contemplating any material change to the factors modelled in the Sherpa Report referred to in condition [66]. The results of this consultation shall be reported to the Manager – Resource Consents as soon as practicable.

109. The Minister shall facilitate the installation at the Wiri Oil Services Ltd Terminal of an early warning detection system as soon as practicable and no later than 31 December 2013, in accordance with the agreement set out in the deed between the Department of Corrections and Wiri Oil Services Limited (WOSL)

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dated 7 March 2011. The system will provide for the detection of overfill or other loss of containment events at the WOSL site and reduction in the amount of flammable vapour released. A report by a suitably qualified expert setting out the outcomes of an investigation into options for an early warning detection system and a recommendation as to the preferred option shall be provided by the Minister to the Manager – Resource Consents within 6 months of the confirmation of the alteration to the designation.

110. Within 3 months following installation of the early warning detection system or, in the event that no such system is completed or installed, by 31 December 2013, the Minister shall provide a Quantitative Risk Assessment (QRA) to WOSL and the Manager – Resource Consents. The Minister, Council and WOSL shall jointly engage a suitably qualified expert to prepare that QRA. The QRA shall confirm:

- a. Whether the level of risk at the ARWCF is now within the “negligible” band as calculated by means of the Australian NSW Department of Planning (DoP) Hazard Industry Planning Advisory Paper (HIPAP) No 4 Risk Criteria for Land Use Safety Planning² (“HIPAP 4 criteria”) or such equivalent criteria as agreed between the Minister, WOSL and the Council;
- b. In addition to the installation of an early warning detection system at the Wiri Oil terminal whether any other mitigation or management measures are required at the ARWCF (or otherwise on the Designation 288 site), to ensure the level of risk at the ARWCF site posed by the Wiri Oil terminal achieves the lowest reasonably practicable ALARP, or such equivalent risk assessment criteria as agreed between the Minister, WOSL and the Council. These mitigation or management measures shall include, but are not limited to:
 - i. Buffer areas where night time population is avoided;
 - ii. Decommissioning of existing buildings at ARWCF whose purpose is to accommodate night time population where this is now considered inappropriate;
 - iii. Structural works that may be required for buildings;
 - iv. Additional detection or early warning systems; and
 - v. Any other recommended measures.

111. The Minister shall implement on the designation 3910 site as soon as practicable on completion of the QRA, any other mitigation or management measures pertaining to that site that are recommended by the QRA conducted under condition 110(b), including structural upgrades, to ensure the lowest practicable risk is met, to the satisfaction of Council.

112. A further QRA shall be undertaken by a suitably qualified expert (engaged jointly between the Minister, Council and WOSL) and shall be provided to the Council and WOSL by the Minister where the population within the existing ARWCF (as at 1 May 2011) exceeds any of the following triggers:

- a. A total daytime population (all buildings) of 580 (including prisoners, staff, service providers and visitors) within the Indicative Extent of ARWCF Secure Facilities on the Quantitative Risk Assessment and Mitigation Plan (Figure 3, Revision B, prepared by Boffa Miskell, dated 17 May 2011);
- b. Introduction of any overnight population (including prisoners and staff) within existing buildings 1-3 identified on the Quantitative Risk Assessment and Mitigation Plan (Figure 3, Revision B, prepared by Boffa Miskell, dated 17 May 2011);
- c. An increase in any overnight population (including prisoners and staff) in existing buildings 4-13 or otherwise within the Indicative Extent of ARWCF Secure Facilities on the Quantitative Risk Assessment and Mitigation Plan (Figure 3, Revision B, prepared by Boffa Miskell, dated 17 May 2011) above 466; or
- d. Any relocation within existing buildings of overnight population closer to the WOSL boundary above the overnight population shown on the Quantitative Risk Assessment and Mitigation Plan (Figure 3, Revision B, prepared by Boffa Miskell, dated 17 May 2011).

113. A further QRA shall also be undertaken by a suitably qualified expert (engaged jointly between the Minister, Council and WOSL) and shall be provided to the Council and WOSL by the Minister prior to the lodgement of an Outline Plan of Works for any new building on the Designation 288 site within the Future

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WOSL Growth Scenario Risk Contour identified on the Quantitative Risk Assessment and Mitigation Plan (Figure 3, Revision B, prepared by Boffa Miskell, dated 17 May 2011).

114. The QRA required under conditions 112 and 113 shall assess the level of risk for development or activity that exceeds any of these triggers based on the HIPAP 4 criteria, or such equivalent risk assessment criteria as agreed between the Minister, WOSL and the Council. If the risk can be mitigated to meet the individual and societal risk assessment criteria, the appropriate mitigation measures must be put in place by the Minister prior to the occupation of the buildings in the manner set out in condition 110. If the level of risk cannot be adequately mitigated to meet the appropriate risk assessment criteria, the proposed development or activity shall not proceed.

Advice Note:

For clarity, where a QRA is required under conditions [109]-[114], the assessment shall evaluate both the existing and future growth scenarios outlined in the Deed identified in condition [108]. A copy of the Deed is available for inspection at Council offices.

Construction Management Plan

115. A Construction Management Plan ("CMP") shall be submitted to the Manager – Resource Consents prior to the commencement of Construction Work on the MCF.

The CMP shall include specific details relating to the construction and management of all works associated with the MCF, including:

- a. A Construction Lighting Management Plan to control glare and spill light from temporary lighting during the construction period;
- b. A Construction Noise and Vibration Management Plan to demonstrate how compliance will be achieved with conditions 98, 99 and 100;
- c. The Construction Traffic Impact Assessment required to be submitted with the Outline Plan of Works in accordance with condition 88;
- d. The methods to ensure compliance with Land Modification conditions 73-76; and
- e. The following information:
 - i. Details of the Community Liaison Officer appointed by Corrections under condition 56), including their contact details (phone, facsimile, postal address, email address);
 - ii. Details of the site or project manager, including their contact details (phone, facsimile, postal address, email address);
 - iii. The location of large notice boards that clearly identify the name, telephone number and address for service of the site or project manager;
 - iv. An outline construction programme of the works;
 - v. Any means to ensure that no damage occurs to street trees through the construction period;
 - vi. The means to ensure the protection of services such as pipes and water mains within the road reserve;
 - vii. Measures to be adopted to maintain the site in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
 - viii. Location of workers offices and conveniences (e.g. portaloos);
 - ix. Procedures for ensuring that occupiers in the immediate vicinity of construction areas are given prior notice of the commencement of Construction Work and are informed about the expected duration of the works;
 - x. Means of ensuring the safety of the general public during construction; and
 - xi. Means of ensuring compliance of construction activities with Civil Aviation Rules Part 77 Objects and Activities Affecting Navigable Airspace.

Prison Operations

116. For so long as the MCF on the site is used to accommodate sentenced prisoners, the Minister shall operate a rehabilitation and reintegration programme at the site that incorporates a fundamental aim of reducing reoffending by prisoners as a component of the MCF operation.

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117. The Minister shall incorporate a prisoner education programme (which may be part of its rehabilitation programme) as a component of the MCF operation.

118. The Minister shall give due regard to providing employment or contracting opportunities to suitably qualified Counties-Manukau area individuals and businesses as part of the construction and operation of the MCF.

119. The Minister shall provide a standard of primary on-site healthcare to prisoners at the MCF that is reasonably equivalent to the standard of primary healthcare available to the public.

120. The Minister shall monitor the MCF visitor carpark security, and will take all reasonable steps to avoid any loitering by prisoner visitors or associates in and around the carpark.

121. The Minister shall ensure that any graffiti appearing within the MCF site will be removed in a timely manner.

122. The Minister will ensure that communication protocols are established between the operators of ARWCF and the MCF to ensure that any changes to operations at either prison that could potentially impact on the other prison must be considered by both parties to enable potential adverse impacts to be addressed.

123. The Kaitiaki plan with Ngati Te Ata dated 1 March 2011 must be attached to any operating contract for the MCF.

Reserve Contribution

124. The Minister shall pay a reserve contribution in respect of the development of the MCF, which shall be calculated at a rate of 0.5% of the assessed value of the development and pro-rated for the FTE staffing complement as a fraction of the total expected maximum on-site population. For the avoidance of doubt, no reserve contribution shall be made that includes a calculation of the prisoner population. The reserve contribution shall be paid prior to release of any building consent for the MCF development.

Advice Note:

Indicatively only, and based on the projections given at the hearing, this would equate to a reserve contribution of \$736,000, from an estimated capital cost of \$368 million and total expected population of 1770 (1060 prisoners + 710 staff).

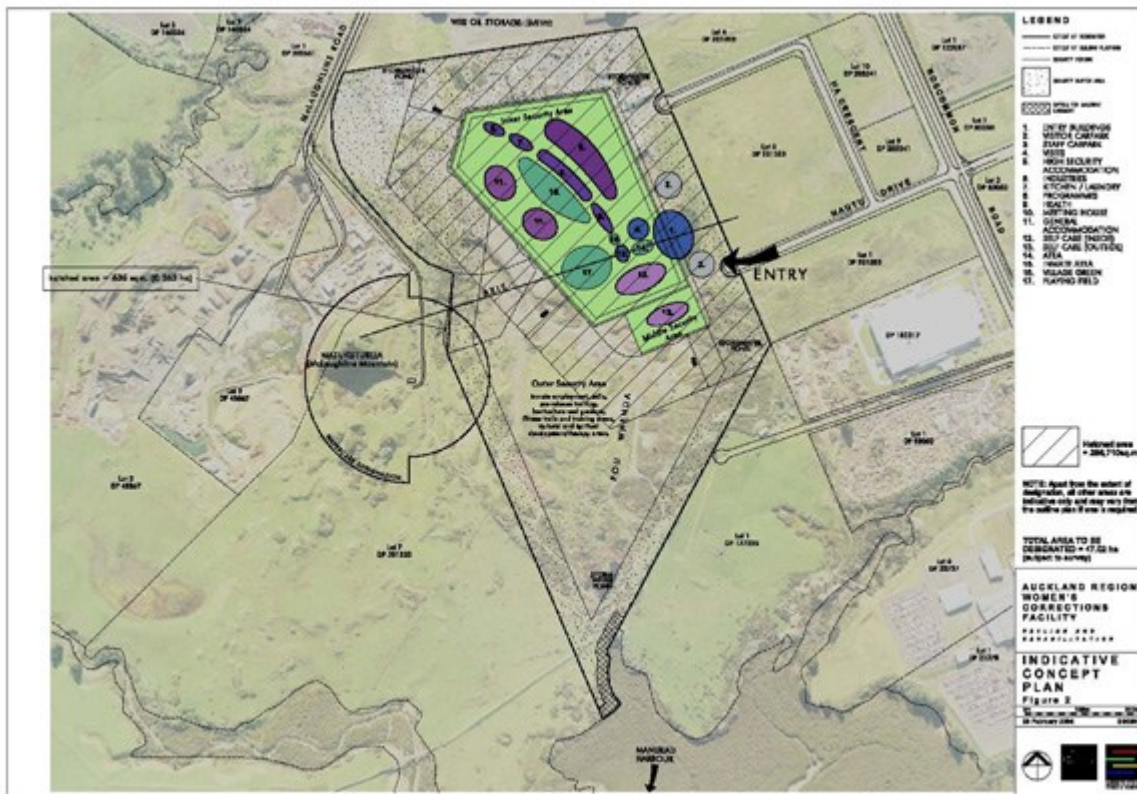
¹ Quantitative Risk Assessment Report (Stage 1) Wiri Oil Terminal Proposed Men's Prison Development, NZ Department of Corrections, Sherpa Consulting, October 2010.

² Hazard Industry Planning Advisory Paper (HIPAP) No 4, Risk Criteria for Land Use Safety Planning, NSW Department of Planning, Consultation Draft, July 2008.

Attachments

Indicative Concept Plan for the ARWCF

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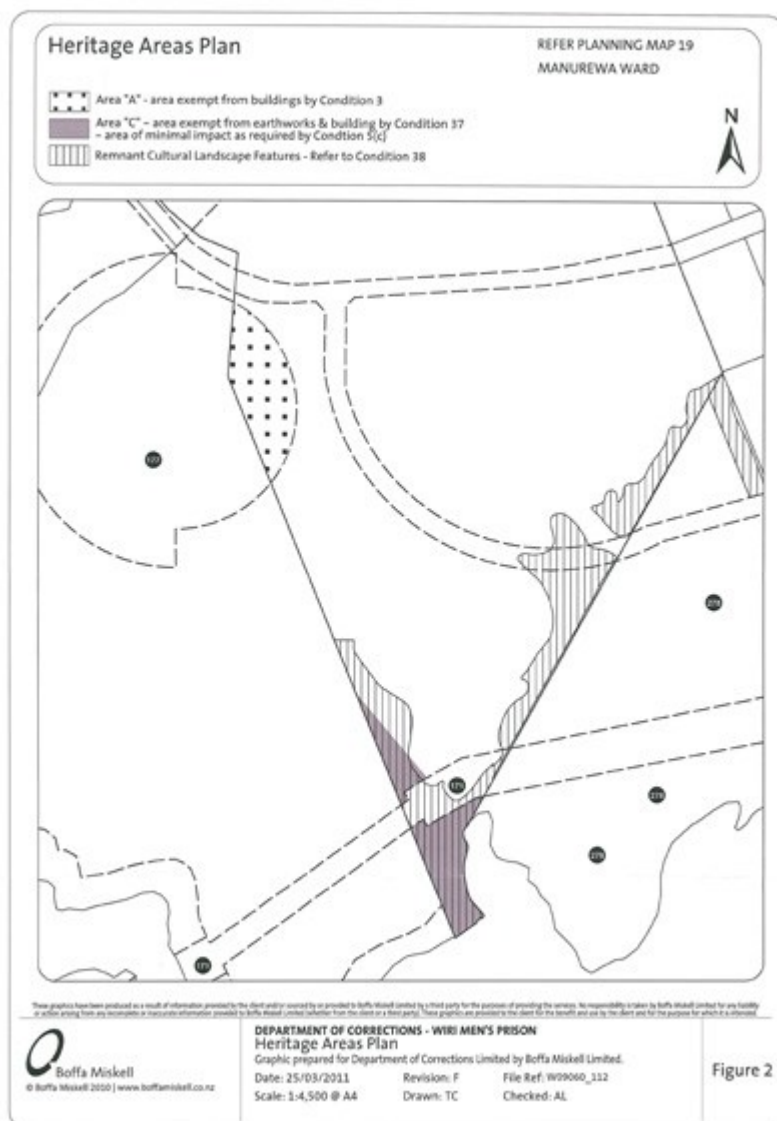


Development Plan for the MCF



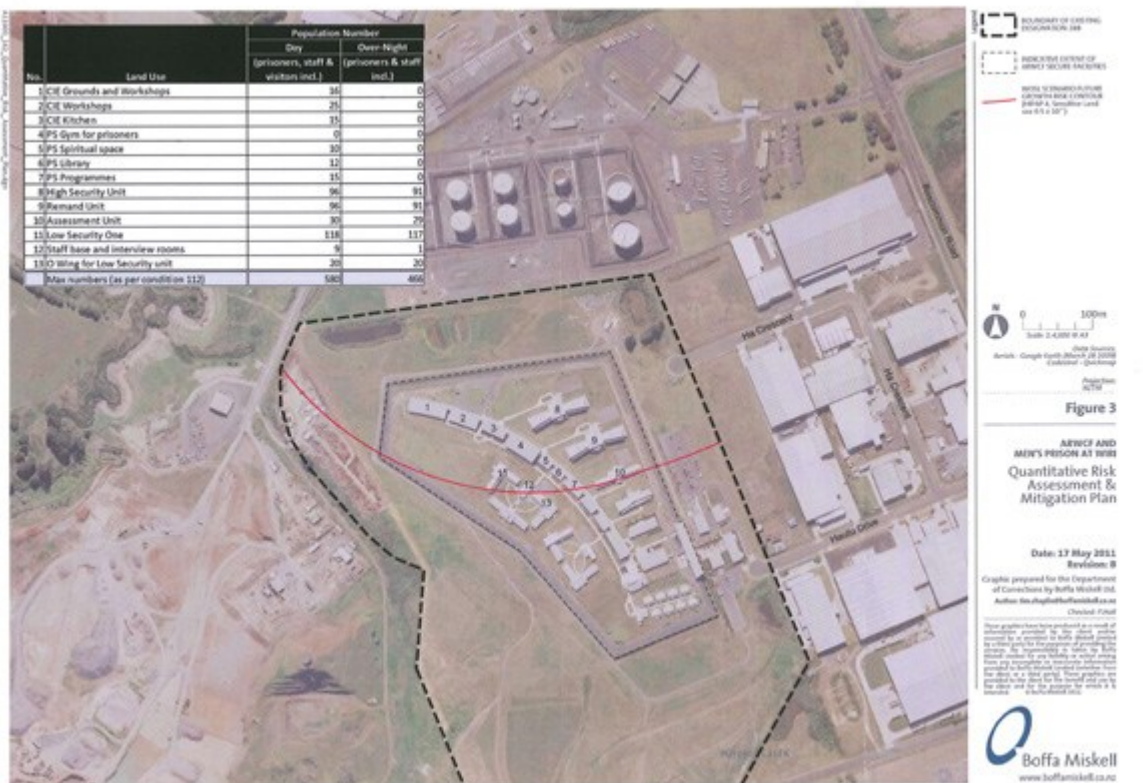
Heritage Areas Plan

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Quantitative Risk Assessment and Mitigation Plan

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3911 Non-Custodial Facility - Porchester Road

Designation Number	3911
Requiring Authority	Minister of Corrections
Location	17 Porchester Road, Papakura, Auckland
Rollover Designation	Yes
Legacy Reference	Designation 29, Plan Change 13, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Corrections purposes (non-custodial facility), including community work centres and probation offices, excluding prisons.

Conditions

No conditions.

Attachments

No attachments.

3912 Non-Custodial Facility - Roulston Street

Designation Number	3912
Requiring Authority	Minister of Corrections

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Location	11 Roulston Street, Pukekohe, Auckland
Rollover Designation	Yes
Legacy Reference	Designation 83, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Corrections purposes (non-custodial facility), including community work centres and probation offices, excluding prisons.

Conditions

No conditions.

Attachments

No attachments.

Minister for Courts

Designation Schedule - Minister for Courts

Number	Purpose	Address
4100	Judicial, court, tribunal and related purposes ...	65-71 Albert Street, Auckland Central
4101	Judicial, court, tribunal and related purposes ...	24 Waterloo Quadrant, Auckland Central
4102	Judicial, court, tribunal and related purposes ...	250-260 Great South Road, Papakura
R4103	Judicial, court, tribunal and related purposes ...	415-421 Great North Road, Henderson
4104	Manukau District Courthouse ...	30 Manukau Station Road, Manukau City Centre
4105	Judicial, court, tribunal and related purposes ...	25 Stadium Drive, Pukekohe

4100 Auckland District Courthouse

Designation Number	4100
Requiring Authority	Minister for Courts
Location	65-71 Albert Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 294, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Judicial, court, tribunal and related purposes including collection of fines and reparation, administration, support, custodial services, and ancillary activities. Works include development and operation of land and buildings for the aforementioned purposes.

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

1. Development of the site shall be in accordance with the underlying development controls for the site except in the following circumstances:

- a. The maximum Floor Area Ratio can be sought without requiring the inclusion of bonus features within the development; and
- b. Future development of the site is not subject to any development control related to the provision of glazing on road frontages.

Attachments

No attachments.

4101 Auckland High Court

Designation Number	4101
Requiring Authority	Minister for Courts
Location	24 Waterloo Quadrant, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 295, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Judicial, court, tribunal and related purposes including collection of fines and reparation, administration, support, custodial services, and ancillary activities. Works include development and operation of land and buildings for the aforementioned purposes.

Conditions

1. Development of the site shall be in accordance with the underlying development controls for the site except in the following circumstances:

- a. The maximum Floor Area Ratio can be sought without requiring the inclusion of bonus features within the development; and
- b. Future development of the site is not subject to any development control related to the provision of glazing on road frontages.

2. No alteration shall be made to the interior or exterior of the original courthouse building other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991.

3. In light of the fact that security remains a paramount consideration within the Courthouse, nothing in these conditions shall preclude the alterations and works necessary for maintaining security except that with respect to the original courthouse building, early consultation with the Council is required in order that the heritage impact of the alterations and works may be determined.

Attachments

No attachments.

4102 Papakura District Courthouse

Designation Number	4102
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Minister for Courts
Location	250-260 Great South Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 30, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Judicial, court, tribunal and related purposes including collection of fines and reparation, administration, support, custodial services, and ancillary activities. Works include development and operation of land and buildings for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

R1403 Henderson Courthouse

Designation Number	R4103
Requiring Authority	Minister for Courts
Location	415-421 Great North Road, Henderson
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Judicial, court, tribunal and related purposes including collection of fines and reparation, administration, support, custodial services, and ancillary activities. Works include development and operation of land and buildings for the aforementioned purposes.

Conditions

General

1. Where conditions of consent reference particular design or construction standards these may be updated with the agreement of the requiring authority to reflect changes in standards applying at the time of submission of Outline Plan under section 176A of the Resource Management Act 1991 or construction.

Built Form

2. Buildings must not exceed the 72.5m in height or 18 storeys.

3. With reference to Figure 1, development on site must not project beyond:

- A 45 degree recession plane measured from a point 8.5m vertically above ground level along the northern boundary of identified public open space zones; and
- A 45 degree recession plane measured from a point 16.5m vertically above ground level along the western

The Proposed Auckland Unitary Plan (notified 30 September 2013)

boundaries of identified public open space zones.

4. Any part of the new courthouse building projecting above 24.5m (or 6 storeys) in height must be setback from the road, side and rear façades by a minimum of 6m.

5. Prior to the submission of an Outline Plan for redevelopment of the site, concept plans shall be submitted to Council's Urban Design Team for comment.

Yards

6. No building shall be located closer than 10m from the Opanuku Stream site boundary as shown in Figure 2.

7. No building shall be located within the side (5m) and rear yards (10m) as shown in Figure 2.

Transportation

8. A Comprehensive Integrated Transport Assessment (ITA) shall be submitted with any Outline Plan of Works for any major buildings or works on the site that generate a significant additional transport demand. At a minimum, the following shall be provided:

- a. Forecasts of future travel demand over time by mode of travel and recommendations for an appropriate mix of parking, travel management measures, pedestrian, cycle and passenger transport facilities to meet this demand;
- b. An indication of the form, timing and manner in which the above will be provided;
- c. Measures to:
 - i. Monitor travel demand and patterns against those forecast and to revise as necessary forecast travel demand by mode;
 - ii. Review the effectiveness of the measures proposed within the ITA including the travel plan;
 - iii. Review and confirm the appropriateness of parking, travel management measures, pedestrian, cycle and passenger transport facilities provided pursuant to these conditions of consent; and
- d. An assessment of how parking demand and the requirement for off-site parking may reduce over time as the provision and uptake of public transport and other measures to reduce travel by private vehicle increases.

9. Prior to any construction works commencing on site, a Temporary Traffic Management Plan (TTMP) shall be submitted to the Council's Manager, for approval. The TTMP must be prepared by a qualified and experienced Site Traffic Management Supervisor and shall be approved in writing prior to works commencing. No work shall commence on site until written approval of the Traffic Management Plan is provided by Council.

Construction

10. Prior to the redevelopment of the site into a courthouse, the Requiring Authority must submit a Construction Management Plan ("CMP") to Council for approval. At a minimum, the CMP shall include the following:

- a. Details of the site or project manager, including their contact details;
- b. An outline construction programme of works;
- c. Measures to be adopted to maintain the land in a tidy conditions in terms of disposal and storage of rubbish, storage and unloading of construction materials and similar construction activities;
- d. Location of workers offices and conveniences;
- e. Procedures for controlling sediment run-off and dust mitigation measures;
- f. Measures to protect riparian vegetation along the Opanuku Stream during construction activities; and
- g. In the event of the discovery of any unrecorded archaeological features, an Accidental Discovery Protocol;

The approved CMP is to be implemented and maintained for the duration of the project.

11. The Requiring Authority must prepare, and submit for approval with the CMP, a Communications Plan that details procedures for communicating with the public and the owners and occupiers of properties in the immediate vicinity of the construction area throughout the construction period. The Communications Plan must

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include a copy of the TTMP prepared under condition 7 as well as procedures for:

- a. Giving notice of the commencement of construction activities;
- b. Providing information about the expected duration of work, including a programme of works; and
- c. Giving notice of any changes to the programme of works.

The approved Communications Plan is to be implemented and maintained for the duration of the project.

Noise & Vibration

12. Prior to the commencement of works, the Requiring Authority will submit a Construction Noise & Vibration Management Plan (CNVMP) to the Council's Manager for approval. The approved CNVMP must be implemented and maintained throughout the entire demolition and construction periods.

13. The CNVMP must describe the measures to be adopted, as far as practicable, to meet the requirements of NZS6803:1999 Acoustics — Construction Noise. The CNVMP must refer to noise management measures set out in Annexure E of NZS6803:1999, and as a minimum must address the following:

- a. Construction sequence;
- b. Machinery and equipment to be used, including the use of non—percussive machinery where practicable;
- c. Hours of operation, including times and days when noisy construction work would occur;
- d. The design of noise mitigation measures such as temporary barriers or enclosures;
- e. Construction noise and vibration limits for specific areas;
- f. Development of alternative strategies where full compliance with NZS6803:1999 cannot be achieved, including consultation with residents and other occupiers to achieve acceptance outcomes;
- g. Vibration Monitoring Measures;
- h. Methods for monitoring and reporting on construction noise & vibration;
- i. Methods for receiving and responding to complaints about construction; and
- j. Reporting procedures.

Public Utilities

14. Adequate provision shall be made for the disposal of wastewater and the provision of water supply.

Attachments

Henderson Courthouse Designation Plan

The Proposed Auckland Unitary Plan (notified 30 September 2013)



The Proposed Auckland Unitary Plan (notified 30 September 2013)

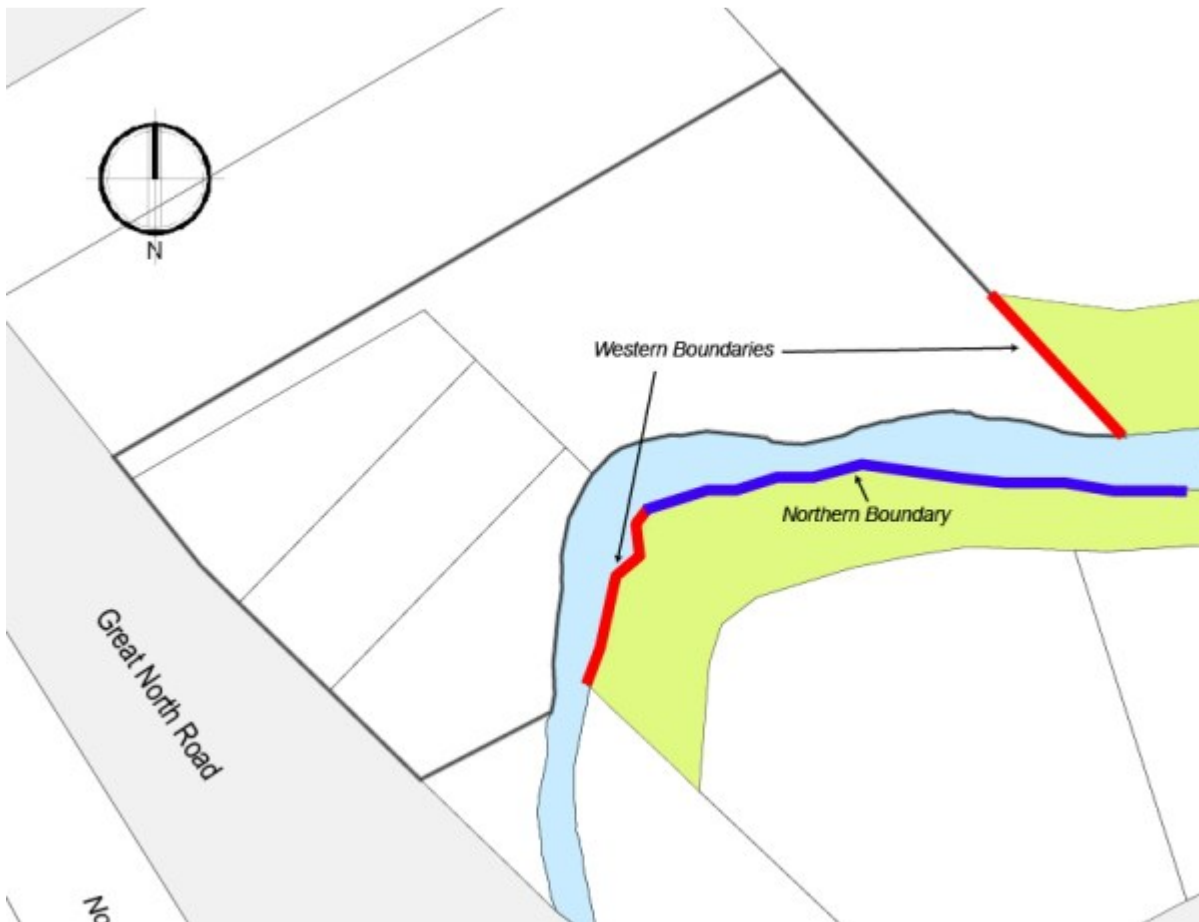


Figure 2 –Yards (Not to Scale)

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4104 Manukau Courthouse

Designation Number	4104
Requiring Authority	Minister for Courts
Location	30 Manukau Station Road, Manukau City Centre
Rollover Designation	Yes
Legacy Reference	Designation 179, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Manukau District Courthouse: judicial, court, tribunal and related purposes including collection of fines and reparation, administration and support services, and ancillary activities (for example food and beverage kiosk). Works include development and operation of land and buildings for the aforementioned purposes.

Conditions

1. General

An outline plan of works for any development that triggers additional parking demand, loading or access requirements to the site will be assessed against the relevant assessment criteria under Rule 4.2.1.2.4.1 of the Proposed Unitary Plan.

2. Access to the Primary Road Network

No direct vehicular access to Manukau Station Road shall be allowed.

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3. Assessment Criteria — Parking and Vehicle Circulation

3.1 General

When assessing an Outline Plan of Works, Council will have regard to the extent to which the proposed development or redevelopment meets the criteria set out in this condition.

3.2 Provision of Parking

As part of an Integrated Transport Assessment (ITA) provided in terms of condition 6 any Outline Plan of Works shall provide a robust assessment of the parking demand to be generated by a proposed development or redevelopment and demonstrate the parking provision to meet the estimated demand:

- a. On the site;
- b. On a site sufficiently close to it for constant use by vehicles in connection with the site; and/or
- c. In accordance with condition 3.5.

3.2.1 Assessment of Number of Parking Spaces to be Provided

The extent to which the proposed development or redevelopment provides an adequate number of parking spaces on the site, on a site sufficiently close to it for constant use by vehicles in connection with the site, and in accordance with clauses 4.5 and 9.2 to accommodate the estimated parking demand.

3.2.2 Diminution of Land Available

The extent to which the total parking area that is made available in respect of a new building in compliance with the requirements for off — road parking is not diminished by the subsequent construction of any structure by the storage of goods, or by any other activity.

3.2.3 Allocation of Parking Spaces

The extent to which the requiring authority or other occupier of the site allocates or manages the parking spaces so as to prevent staff, fleet vehicles, visitors or particular occupiers associated with that site from utilising the parking.

3.3 Provision of Loading Space

The extent to which adequate provision is made for loading space for any activity within the designation which generates delivery trips by heavy vehicles

3.4. Design of Parking and Circulation Areas

3.4.1 Vehicle Dimensions

The extent to which each new parking space to be provided in terms of this Section is in accordance with the dimensions specified in accepted standards.

3.4.2 Reverse Manoeuvring

The extent to which parking areas are designed to ensure that vehicles are not required to reverse either onto or off the site; and are not required to execute more than a three point turn to exit the site.

3.4.3 Design and Constructional Details

The extent to which new public and private parking areas comply with the following requirements:

- a. The new parking spaces and access drives and aisles required in respect of the site in question shall, before the commencement of the corresponding new activity on that site, be formed, sealed and permanently marked or laid out in accordance with approved plans to the Council's satisfaction;
- b. The new parking areas shall be maintained at all times so as not to create a dust nuisance;
- c. Stormwater drainage from the parking area shall be constructed to the satisfaction of the Council;
- d. Provision shall be made to illuminate access driveways and pedestrian areas within new public parking areas used during the hours of darkness. Illumination shall not be directed towards any adjacent residentially zoned

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land;

e. New parking areas and signs and markings shall be maintained so that at all times they remain legible and available for use by vehicles; and

f. The design and layout of new parking areas shall be such that vehicles are not required to reverse a distance greater than 30m to enter or exit any right angled parking space (or 10m for any other angled or parallel parking space) or to exit any parking aisle in the event that the parking spaces within the aisle are occupied.

3.5. Acceptance of Cash in Lieu of Parking Spaces

a. Where it is not reasonable or practicable to make provision for the new parking requirement in respect of new or redeveloped buildings on the designated site, on the site or sufficiently close to it for constant use by vehicles in connection with the site, the Minister may with the agreement of the Council instead of providing the required number of carparks, make payment to the Council of a sum of money not exceeding the cost including land value, of providing the parking requirement on that site. Alternatively the Minister may, with the agreement of Council make payment of a sum based on the cost of providing any parking shortfall on land in the vicinity of the site or the cost of providing parking on a nearby site set aside for carparking purposes, providing that this sum does not exceed that specified above.

b. Any payment made under subsection (a) of this rule shall contribute to satisfying the parking provision in respect of the new or redeveloped buildings on the site, and shall be kept in a separate account in the Council's name and applied by the Council from time to time as opportunity offers in the acquisition of land and the making of provision for parking as close as, is reasonable and practicable to the site in respect of which the parking area was required to be provided.

c. Notwithstanding the above Council may apply not more than half of any payment made under Section (a) of this rule on passenger transport infrastructure in the vicinity of the site provided that the site and use of the site in question would benefit from the provision of this infrastructure. When the cash in lieu of parking is used by Council to provide parking spaces, a number of parking spaces equivalent to their respective contribution to the cost of formulation will be made available for use by the owners of the designated sites for which cash in lieu of parking has been accepted.

4. Traffic Management Works

Any outline plan of works submitted by the requiring authority for any development or redevelopment that is likely to have an impact on the transportation network of the designated site shall be assessed having regard to the potential transportation related effects of the development or redevelopment proposed to be undertaken pursuant to the designation.

The requiring authority shall include in its outline plan of works its proposals for dealing with the potential transportation related effects of the development or redevelopment and any off-site works or contribution to off site works it proposes to deal with those effects.

The requiring authority shall be required to meet the reasonable costs of all new access and traffic management works (including any additional land required to accommodate these works) associated with the development or redevelopment to the extent that such works are required to meet safety, access, egress, or amenity considerations related to the development or redevelopment or where the works are required to mitigate the likely adverse effects from the development or redevelopment on the safety or operation of the transport network.

5. Travel Plan

a. A Travel Plan shall be developed for the Manukau Courthouse with any major buildings or works on the site that generate a significant additional transport demand. This Plan shall be designed to reduce dependency on private car travel, and manage staff and visitor travel to achieve travel mode split targets developed as part of the travel planning process.

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b. The Travel Plan and its implementation shall include the provision of infrastructure, initiatives and facilities to support the use of travel alternatives. At a minimum, the following shall be provided:

- i. Covered, secure cycle parking to meet demand identified within the ITA and located in a convenient location and designed in accordance with current standards (e.g. Australian Standard AS 2890.3-1993 parking facilities part 3 Bicycle parking facilities);
- ii. Changing facilities and lockers appropriate for walkers, cyclists and motorbike users;
- iii. Ongoing educational and information advising and encouraging staff and visitors of how to access and use alternative forms of travel to motorcar and car pooling opportunities for staff; and
- iv. Any management practices designed to reduce travel demand to the Court and in particular demand for car parking spaces.

c. The Travel Plan shall be maintained and reviewed over time at not less than 3 year intervals and at the time of outline plan of works for significant extension to buildings, and updated as necessary. The recommendations of each updated travel plan must be implemented.

6. Integrated Transport Assessment (ITA)

An ITA shall be submitted with any outline plan of works for any major buildings or works on the site that generate a significant additional transport demand. At a minimum, the following shall be provided:

- a. Forecasts of future travel demand by mode of travel and recommendations for an appropriate mix of parking, travel management measures, pedestrian, cycle and passenger transport facilities to meet this demand;
- b. An indication of the form, timing and manner in which the above will be provided;
- c. Measures to:
 - i. Monitor travel demand and patterns against those forecast and to revise as necessary forecast travel demand by mode;
 - ii. Review the effectiveness of the measures proposed within the ITA including the travel plan; and
 - iii. Review and confirm the appropriateness of parking, travel management measures, pedestrian, cycle and passenger transport facilities provided pursuant to these conditions of consent; and
- d. An assessment of whether off-site parking may be reduced, taking into account surveyed data about the modal share of court users at the time of the ITA being prepared.

7. Parking to be Provided

No occupation or use of any expansion to the Courthouse shall take place until the parking identified within any approved outline plan has been provided.

8. Built Form

When assessing an outline plan, Council will have regard to the following matters taking into account the role and function of a courthouse and associated needs including security:

- a. The extent to which the proposed design provides for informal surveillance of public and semi-public areas within and adjacent to the development, including streets, walkways and open spaces, by:
 - i. Designing the proposal in accordance with good practice for Crime Prevention Through Environmental Design (CPTED) and in particular, facilitating passive surveillance of public spaces;
 - ii. The use of lighting design to provide security for buildings and enhance the safety of public spaces; and
 - iii. Avoiding blind corners and concealed alcoves near lifts, stairwells, car parks and walkways.

9. Landscaping

Any outdoor storage or rubbish collection area shall be screened from public view by landscape design and/or the erection of a fence, and maintained in a tidy condition when viewed from the public open space zone or public road.

Advice Notes

1. It is recommended that a Memorandum of Understanding or other appropriate agreement be prepared between Auckland Transport and the requiring authority documenting their mutual understanding in respect of:

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- a. The timing, procurement processes for work that the Ministry of Justice will contribute towards, and design of any road works that may affect or facilitate access to the site; and
- b. Liaison and support relating to development and maintenance of a travel plan and associated initiatives.

2. All works within the legal road corridor (boundary to boundary) require a 'Corridor Access Request (CAR) approved by Auckland Transport. All works include inter alia open cut trenching and trenchless techniques for utility installations.

3. Application for a CAR is made online to www.beforeudig.co.nz where relevant background details are required including Notice of Requirement /OPW or certificate of compliance, traffic management plans etc.

4. Please note that a CAR may require up to 15 days to process and construction hours may be restricted on Level 2 or 3 roads, as defined in the Code of Practice for Temporary Traffic Management, ("COPTTM" of NZTA) to those that may be permitted under this consent.

5. The Requiring Authority will be required to submit a Temporary Traffic Management Plan (TTMP) for the Project or the relevant Project stage where construction activities are likely to have a significant effect on the safety and operation of the adjoining road network. This shall be prepared by a suitably qualified person in accordance with the Code of Practice for Temporary Traffic Management (COPTTM).

Attachments

No attachments.

4105 Pukekohe District Courthouse

Designation Number	4105
Requiring Authority	Minister for Courts
Location	25 Stadium Drive, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 82, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Judicial, court, tribunal and related purposes including collection of fines and reparation, administration, support, custodial services, and ancillary activities. Works include development and operation of land and buildings for the aforementioned purposes.

Conditions

No conditions.

Attachments

No attachments.

Minister of Defence

Designation Schedule - Minister of Defence

Number	Description	Location
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

4300	Defence purposes (as defined by section 5 of the Defence Act 1990) - military training area	Approximately 720ha of land bound by Ardmore Quarry Road to the northeast and Hunua Road to the south, Ardmore
4301	Defence purposes (as defined by section 5 of the Defence Act 1990) - military camp	129-143 Porchester Road, 100 Grove Road and 119 Walters Road, Papakura
4302	Defence purposes (as defined by section 5 of the Defence Act 1990) - army centre (administration and operational)	204-234 Great North Road, Arch Hill
4303	Defence purposes (as defined by section 5 of the Defence Act 1990) - military camp	Whangaparaoa Road, Army Bay, Whangaparaoa Peninsula
4305	Defence purposes (as defined by section 5 of the Defence Act 1990) - ammunition depot	51 Onetaunga Road and Pt Allotment 157 PSH of Takapuna, Chatswood
4306	Defence purposes (as defined by section 5 of the Defence Act 1990) - naval base	142 Vauxhall Road, Narrow Neck
4307	Defence purposes (as defined by section 5 of the Defence Act 1990) - naval base	64 King Edward Parade, Torpedo Bay, Devonport
4308	Defence purposes (as defined by section 5 of the Defence Act 1990) - naval base	South of Calliope Road, and west of Spring Street, Devonport.
4309	Defence purposes (as defined by section 5 of the Defence Act 1990) - naval base	West of Jim Titchener Parade and Cautley Street, Devonport
4310	Defence purposes (as defined by section 5 of the Defence Act 1990) - air base	Brigham Creek Road, Kowhai Road, Kauri Road and Bristol Road, Whenuapai
4311	Defence purposes (as defined by section 5 of the Defence Act 1990) - protection of approach and departure paths	Vicinity of Whenuapai Airfield
4312	Defence purposes (as defined by section 5 of the Defence Act 1990) - air weapons range danger template	Tasman Road, Woodhill (Kaipara South head)
4313	Defence purposes (as defined by section 5 of the Defence Act 1990) - administration and operations	29-59 Clark Road and 415-419 Hobsonville Road, Hobsonville

4300 Ardmore Training Area

Designation Number	4300
Requiring Authority	Minister of Defence
Location	Approximately 720ha of land bound by Ardmore Quarry Road to the northeast and Hunua Road to the south, Ardmore (refer to Figure 1 below)
Rollover Designation	Yes
Legacy Reference	Designation 2, Auckland Council District Plan (Papakura Rural Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - military training area.

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The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

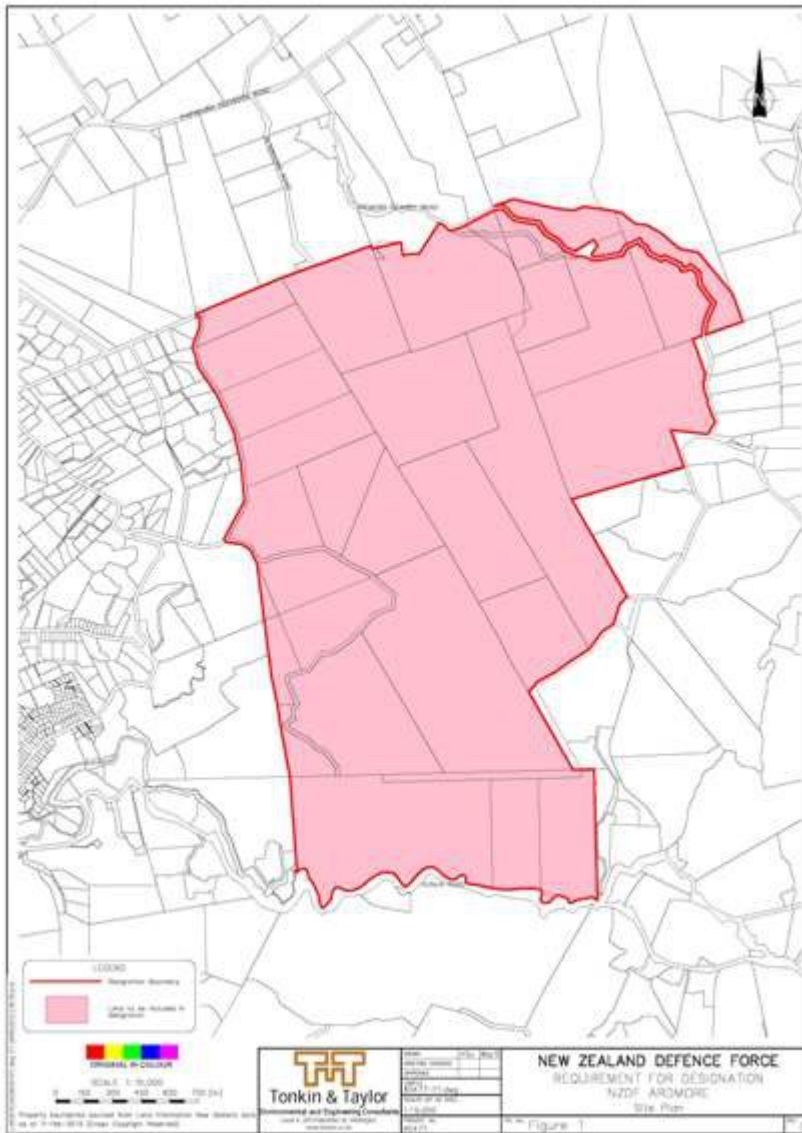
1. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with section 176A(2)(b) of the Resource Management Act 1991, no outline plan is required for those activities.

2. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 1 - Designation NZDF Ardmore Site Plan

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purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

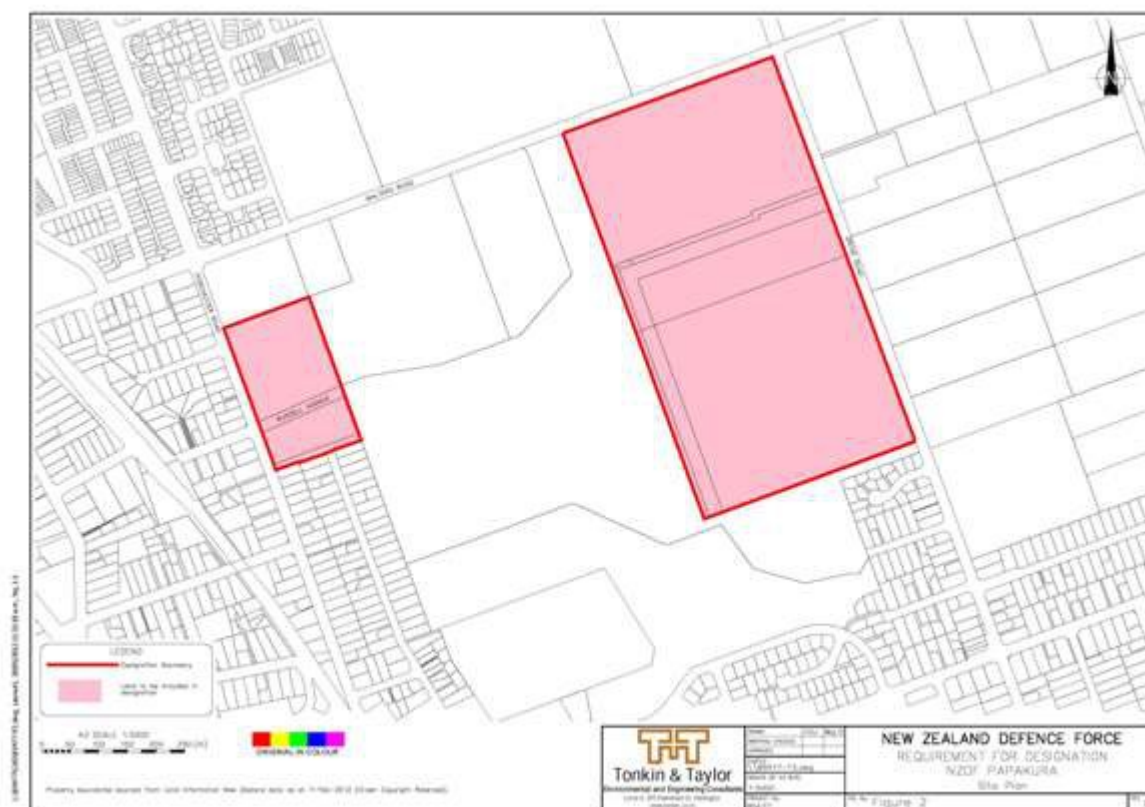
Conditions

1. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with section 176A(2)(b) of the Resource Management Act 1991, no outline plan is required for those activities.
2. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 2 - Designation NZDF Papakura Site Plan

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4302 Arch Hill Centre

Designation Number	4302
Requiring Authority	Minister of Defence
Location	204-234 Great North Road, Arch Hill (refer to Figure 3 below)
Rollover Designation	Yes
Legacy Reference	Designation C07-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - army centre (administration and operational).

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- The contribution of forces under collective security treaties, agreements or arrangements;
- The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- The provision of any public service.

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The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

1. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with section 176A(2)(b) of the Resource Management Act 1991, no outline plan is required for those activities.

2. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 3 - Designation NZDF Arch Hill Site Plan

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4303 Whangaparaoa Training Camp

Designation Number	4303
Requiring Authority	Minister of Defence
Location	Whangaparaoa Road, Army Bay, Whangaparaoa (refer to Figure 4 below)
Rollover Designation	Yes
Legacy Reference	Designation 922, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - military camp.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty

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the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

1. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with section 176A(2)(b) of the Resource Management Act 1991, no outline plan is required for those activities.

2. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 4 - Designation NZDF Whangaparoa Site Plan

□

4305 Kauri Point Storage Facility

Designation Number	4305
Requiring Authority	Minister of Defence
Location	51 Onetaunga Road and Pt Allot 157 PSH of Takapuna, Chatswood (refer to Figure 5 below)
Rollover Designation	Yes
Legacy Reference	Designation 90, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - ammunition depot.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;

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- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

Yards

1. The following yards shall apply in respect of designation boundaries except the boundary with the Coastal Marine Area (where no yard shall apply):

All boundaries: 3m

Building height

2. 9m

Height in Relation to Boundary

3. Buildings must not project beyond a 45 degree recession plane measured from a point 2.5 m vertically above ground level where the designation boundary adjoins a residential zoned site.

Building length

4. Where sites adjoining the designation boundary are zoned residential, those parts of any building which exceed a height of 5 metres and are within 10 metres of the designation boundary are to be wholly confined within the arms of a 130 degree angle formed by two lines intersecting any point on an adjacent residential boundary such that each line forms an angle of 25 degrees with that boundary.

Exceptions and notes for conditions 1-4:

Building height, bulk and location controls apply only in respect of new buildings and additions to existing buildings.

The following structures are excluded from all building height, bulk and location controls:

- a. Perimeter security fencing up to a height of 4m;
- b. Flagpoles; and
- c. Lighting standards up to a maximum height of 12.5m, and lighting standards exceeding a height of 12.5m subject to an outline plan.

Noise limits

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5. The $L_{Aeq}(15 \text{ min})$ noise level and maximum noise level (L_{AFmax}) arising from any activity within the designated area, other than noise from construction, demolition or maintenance, measured at or within the boundary of a property in the residential zones outside the designated area, must not exceed the following limits:

Monday to Saturday 7am-10pm	$L_{Aeq}(15 \text{ min})$ 55dB
Sunday 9am-6pm	$L_{Aeq}(15 \text{ min})$ 55dB
All other times	$L_{Aeq}(15 \text{ min})$ 45dB $L_{eq}(15 \text{ min})$ 60dB at 63 Hz $L_{eq}(15 \text{ min})$ 55dB at 125 Hz L_{AFmax} 75dB

Construction, demolition and maintenance noise limits

6. Noise from construction and demolition activities must meet the requirements of Tables 2 and 3 of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999). The measurement and assessment of construction noise must be in accordance with New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) and the requirements of annex A of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) must be used if it is necessary to assess the measured L_{eq} levels in high background noise areas.

Exceptions to noise limits:

- a. Military helicopter operations except that:
 - i. There shall not be more than 50 landings and 50 take-offs per calendar year;
 - ii. Over-flying of dwellings by landing helicopters is to be avoided;
 - iii. Military helicopter landings and take-offs will be limited to between the hours of 0700 – 2200; and
 - iv. Landing shall take place at the maximum practical distance from nearby residences (this will be dependent upon ground conditions).
- b. Emergency helicopter operations;
- c. Parade ground activities, gun salutes and other activities for ceremonial occasions, including preparation for such occasions;
- d. Noise from safety signals, warning devices or emergency pressure relief valves, provided they do not sound for more than a reasonable period; and
- e. Noise associated with outdoor recreational activities and sporting events.

Lighting

7. Lighting in all areas shall conform to the following:

- a. At no time between the hours of 10pm and 7am shall any outdoor lighting be used in a manner that the use of such lighting causes an added illuminance in excess of 20 lux measured horizontally or vertically at any point along any boundary of any adjoining site which is zoned Residential (and outside the designated area); and
- b. All outdoor lighting shall be shielded in such a manner that light emitted by the fixture is projected below a horizontal plane running through the lowest point in the fixture where that light is emitted, or is shielded in such a manner that the lowest edge of the shield is at or below the centre line of the light source.

Aerials and Antennae

8. Telecommunication and radio communication aerials and antennae that comply with the limits prescribed in NZS 2772.1 (1999) New Zealand Standard for radiofrequency fields – maximum exposure levels between 3 kHz and 300 GHz shall be permitted in all parts of the designated area. Where aerials and antennae are attached to buildings, their height plus that of any support structure shall not exceed the height limit of the area by more than five metres.

Administration

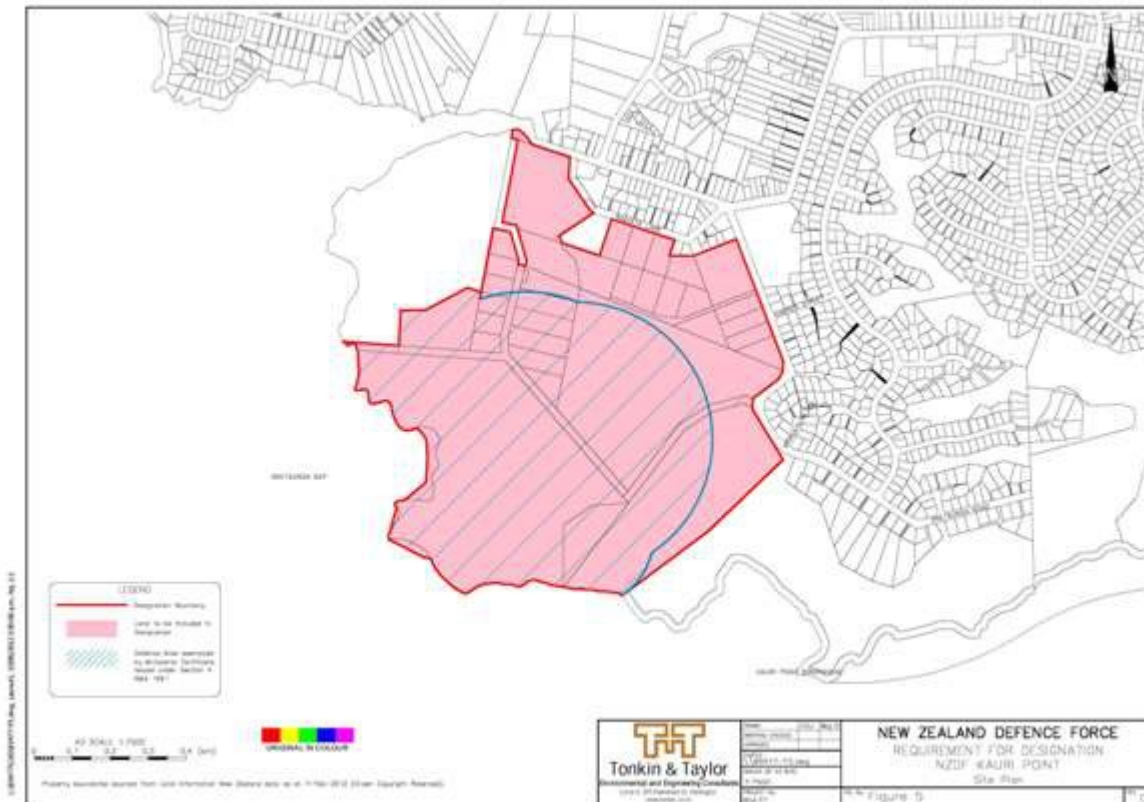
9. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with s176A(2)(b) RMA, no outline plan is required for those activities.

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10. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 5 - Designation NZDF Kauri Point Site Plan



4306 Narrow Neck Facility

Designation Number	4306
Requiring Authority	Minister of Defence
Location	142 Vauxhall Road, Narrow Neck (refer to Figure 6 below)
Rollover Designation	Yes
Legacy Reference	Designation 88, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - naval base.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- The protection of the interests of New Zealand, whether in New Zealand or elsewhere;

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- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

Yards

1. The following yards shall apply in respect of designation boundaries except the boundary with the Coastal Marine Area (where no yard shall apply):

All boundaries: 3m

Building height

2. 9m

Height in Relation to Boundary

3. Buildings must not project beyond a 45 degree recession plane measured from a point 2.5 m vertically above ground level where the designation boundary adjoins a residential zoned site.

Building length

4. Where sites adjoining the designation boundary are zoned residential, those parts of any building which exceed a height of 5 metres and are within 10 metres of the designation boundary are to be wholly confined within the arms of a 130 degree angle formed by two lines intersecting any point on an adjacent residential boundary such that each line forms an angle of 25 degrees with that boundary.

Exceptions and notes for conditions 1-4:

Building height, bulk and location controls apply only in respect of new buildings and additions to existing buildings.

The following structures are excluded from all building height, bulk and location controls:

- a. Perimeter security fencing up to a height of 4m;
- b. Flagpoles; and
- c. Lighting standards up to a maximum height of 12.5m, and lighting standards exceeding a height of 12.5m subject to an outline plan.

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Noise limits

5. The LAeq(15 min) noise level and maximum noise level (LAFmax) arising from any activity within the designated area, other than noise from construction, demolition or maintenance, measured at or within the boundary of a property in the residential zones outside the designated area, must not exceed the following limits:

Monday to Saturday 7am-10pm	LAeq(15 min) 55dB
Sunday 9am-6pm	LAeq(15 min) 55dB
All other times	LAeq(15 min) 45dB Leq(15 min) 60dB at 63 Hz Leq(15 min) 55dB at 125 Hz LAFmax 75dB

Construction, demolition and maintenance noise limits

6. Noise from construction and demolition activities must meet the requirements of Tables 2 and 3 of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999). The measurement and assessment of construction noise must be in accordance with New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) and the requirements of annex A of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) must be used if it is necessary to assess the measured Leq levels in high background noise areas.

Exceptions to noise limits:

- a. Military helicopter operations except that:
 - i. There shall not be more than 50 landings and 50 take-offs per calendar year;
 - ii. Over-flying of dwellings by landing helicopters is to be avoided;
 - iii. Military helicopter landings and take-offs will be limited to between the hours of 0700 – 2200; and
 - iv. Landing shall take place at the maximum practical distance from nearby residences (this will be dependent upon ground conditions).
- b. Emergency helicopter operations;
- c. Parade ground activities, gun salutes and other activities for ceremonial occasions, including preparation for such occasions;
- d. Noise from safety signals, warning devices or emergency pressure relief valves, provided they do not sound for more than a reasonable period; and
- e. Noise associated with outdoor recreational activities and sporting events.

Tree Protection

7. Pohutukawa trees over 3m in height shall be removed or pruned only for the reasons of:

- a. Adverse tree health;
- b. Human safety; and
- c. Risk of property damage, including to buildings, vehicles, roads, and underground services.

8. Trimming and maintenance of pohutukawa trees over 3 m in height is to be undertaken by a qualified arborist.

Lighting

9. Lighting in all areas shall conform to the following:

- a. At no time between the hours of 10pm and 7am shall any outdoor lighting be used in a manner that the use of such lighting causes an added illuminance in excess of 20 lux measured horizontally or vertically at any point along any boundary of any adjoining site which is zoned Residential (and outside the designated area); and
- b. All outdoor lighting shall be shielded in such a manner that light emitted by the fixture is projected below a horizontal plane running through the lowest point in the fixture where that light is emitted, or is shielded in such a manner that the lowest edge of the shield is at or below the centre line of the light source.

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Aerials and Antennae

10. Telecommunication and radio communication aerials and antennae that comply with the limits prescribed in NZS 2772.1 (1999) New Zealand Standard for radiofrequency fields – maximum exposure levels between 3 kHz and 300 GHz shall be permitted in all parts of the designated area. Where aerials and antennae are attached to buildings, their height plus that of any support structure shall not exceed the height limit of the area by more than 5m.

Administration

11. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with s176A(2)(b) RMA, no outline plan is required for those activities.

12. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 6 - Designation NZDF Narrow Neck Site Plan



4307 Torpedo Bay Facility

Designation Number	4307
Requiring Authority	Minister of Defence
Location	64 King Edward Parade, Torpedo Bay, Devonport (refer to Figure 7 below)
Rollover Designation	Yes
Legacy Reference	Designation 89, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - naval base.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

Building height

1. 9m

Exceptions and notes for conditions 1-4:

Building height, bulk and location controls apply only in respect of new buildings and additions to existing buildings.

The following structures are excluded from all building height, bulk and location controls:

- a. Flagpoles; and
- b. Lighting standards up to a maximum height of 12.5m, and lighting standards exceeding a height of 12.5m subject to an outline plan.

Noise limits

2. The LAeq(15 min) noise level and maximum noise level (LAFmax) arising from any activity within the designated area, other than noise from construction, demolition or maintenance, measured at or within the boundary of a property in the residential zones outside the designated area, must not exceed the following limits:

Monday to Saturday 7am-10pm	LAeq(15 min) 55dB
-----------------------------	-------------------

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Sunday 9am-6pm	LAeq(15 min) 55dB
All other times	LAeq(15 min) 45dB Leq(15 min) 60dB at 63 Hz Leq(15 min) 55dB at 125 Hz LAFmax 75dB

Construction, demolition and maintenance noise limits

3. Noise from construction and demolition activities must meet the requirements of Tables 2 and 3 of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999). The measurement and assessment of construction noise must be in accordance with New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) and the requirements of annex A of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) must be used if it is necessary to assess the measured Leq levels in high background noise areas.

Exceptions to noise limits:

- a. Military helicopter operations except that:
 - i. There shall not be more than 50 landings and 50 take-offs per calendar year;
 - ii. Over-flying of dwellings by landing helicopters is to be avoided;
 - iii. Military helicopter landings and take-offs will be limited to between the hours of 0700 – 2200; and
 - iv. Landing shall take place at the maximum practical distance from nearby residences (this will be dependent upon ground conditions).
- b. Emergency helicopter operations;
- c. Parade ground activities, gun salutes and other activities for ceremonial occasions, including preparation for such occasions;
- d. Noise from safety signals, warning devices or emergency pressure relief valves, provided they do not sound for more than a reasonable period; and
- e. Noise associated with outdoor recreational activities and sporting events.

Lighting

4. Lighting in all areas shall conform to the following:

- a. At no time between the hours of 10pm and 7am shall any outdoor lighting be used in a manner that the use of such lighting causes an added illuminance in excess of 20 lux measured horizontally or vertically at any point along any boundary of any adjoining site which is zoned Residential (and outside the designated area); and
- b. All outdoor lighting shall be shielded in such a manner that light emitted by the fixture is projected below a horizontal plane running through the lowest point in the fixture where that light is emitted, or is shielded in such a manner that the lowest edge of the shield is at or below the centre line of the light source.

Aerials and Antennae

5. Telecommunication and radio communication aerials and antennae that comply with the limits prescribed in NZS 2772.1 (1999) New Zealand Standard for radiofrequency fields – maximum exposure levels between 3 kHz and 300 GHz shall be permitted in all parts of the designated area. Where aerials and antennae are attached to buildings, their height plus that of any support structure shall not exceed the height limit of the area by more than five metres.

Administration

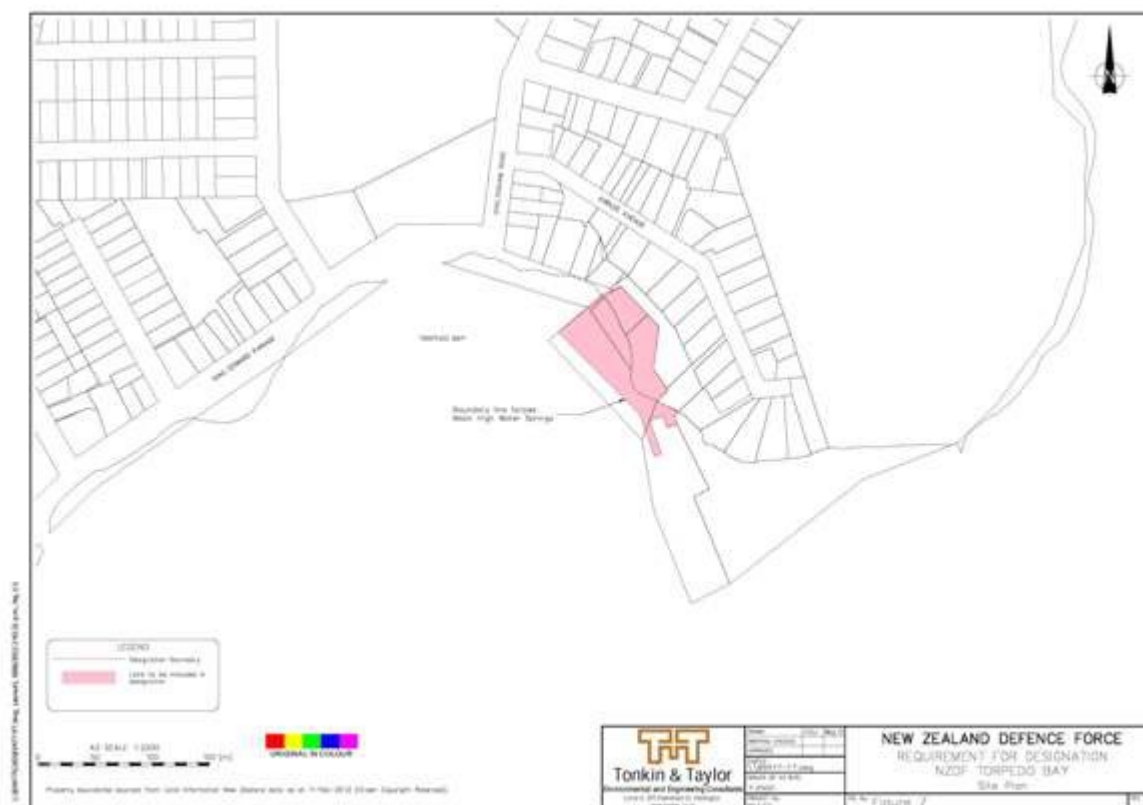
6. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with s176A(2)(b) RMA, no outline plan is required for those activities.

7. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

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Figure 7 - Designation NZDF Torpedo Bay Site Plan



4308 Devonport Naval Base - South Yard

Designation Number	4308
Requiring Authority	Minister of Defence
Location	South of Calliope Road, and west of Spring Street, Devonport.(refer to Figure 8 below)
Rollover Designation	Yes
Legacy Reference	Designation 91, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - naval base.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and

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f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

Yards

1. DNB - South Yard: Calliope Road

a. The following yards shall apply in respect of designation boundaries except the boundary with the Coastal Marine Area (where no yard shall apply):

Calliope Road and Spring Street: 3m

All other boundaries: 1.2m; and

b. The following yard shall apply in respect of the cliff top:
10m

For the purposes of this control, cliff top is defined as the point at which the gradient of the slope (as approached from the top of the slope) reaches a gradient steeper than 1 in 0.5.

2. DNB - South Yard: Philomel

The following yard shall apply in respect of the designation boundary with Spring Street:
5m

Building height

3. DNB - South Yard: Calliope Road
9m

4. DNB - South Yard: Philomel and DNB - South Yard: Dockyard
18m

Height in Relation to Boundary

5. DNB - South Yard: Calliope Road and DNB - South Yard: Philomel Buildings must not project beyond a 45 degree recession plane measured from a point 2.5 m vertically above ground level where the designation boundary adjoins a residential zoned site.

Building length

6. DNB - South Yard: Calliope Road Where sites adjoining the designation boundary are zoned residential, those parts of any building which exceed a height of 5 metres and are within 10 metres of the designation

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boundary are to be wholly confined within the arms of a 130 degree angle formed by two lines intersecting any point on an adjacent residential boundary such that each line forms an angle of 25 degrees with that boundary.

Exceptions and notes for conditions 1-6:

Building height, bulk and location controls apply only in respect of new buildings and additions to existing buildings.

The following structures are exempt from the following building height, bulk and location controls:

a. Perimeter security fencing up to a height of 3 m is exempt from all height, bulk and location controls.

Flagpoles are exempt from:

i. yard control at DNB - South Yard: Philomel;

ii. building height control at DNB - South Yard: Calliope Road, Philomel, and Dockyard; and

iii. height in relation to boundary at DNB - South Yard: Calliope Road and Philomel;

b. Lighting standards up to a maximum height of 12.5m, and lighting standards exceeding a height of 12.5m subject to an outline plan, are exempt from:

i. yard control at DNB - South Yard: Calliope Road and Philomel;

ii. building height control at DNB - South Yard: Calliope Road, Philomel, and Dockyard;

iii. height in relation to boundary control at DNB - South Yard: Calliope Road, and Philomel; and

iv. building length at DNB – South Yard: Calliope Road;

c. Structures in the DNB - South Yard: Calliope Road that provide pedestrian or vehicular access to or from the cliff are exempt from yard and building height controls;

d. Structures associated with the operation of any Main Gate at DNB – South Yard: Philomel, including but not limited to offices and security features, are exempt from yard and height controls;

e. Lift motors, fly towers, machinery rooms, water towers, towers, turrets, provided they do not exceed 3m above permitted height and do not exceed 10% of the area of the roof to the storey below are exempt from all building height, bulk and location controls at DNB – South Yard: Philomel and Dockyard;

f. Cranes and derricks, and structures necessary to accommodate cranes and derricks and ship superstructures, up to 25m are exempt from building height control at DNB – South Yard: Dockyard; and

g. Structures that are necessary to provide for access from the cliff top to buildings below, in not more than three locations, are exempt from the building height control at DNB – South Yard: Philomel.

Noise limits

7. The LAeq(15 min) noise level and maximum noise level (LAFmax) arising from any activity within the designated area, other than noise from construction, demolition or maintenance, measured at or within the boundary of a property in the residential zones outside the designated area, must not exceed the following limits:

Monday to Saturday 7am-10pm	LAeq(15 min) 55dB
Sunday 9am-6pm	LAeq(15 min) 55dB
All other times	LAeq(15 min) 45dB Leq(15 min) 60dB at 63 Hz Leq(15 min) 55dB at 125 Hz LAFmax 75dB

Construction, demolition and maintenance noise limits

8. Noise from construction and demolition activities must meet the requirements of Tables 2 and 3 of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999). The measurement and assessment of construction noise must be in accordance with New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) and the requirements of annex A of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) must be used if it is necessary to assess the measured Leq levels in high background noise areas.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Exceptions to noise limits:

- a. Military helicopter operations except that:
 - i. There shall not be more than 50 landings and 50 take-offs per calendar year;
 - ii. Over-flying of dwellings by landing helicopters is to be avoided;
 - iii. Military helicopter landings and take-offs will be limited to between the hours of 0700 – 2200; and
 - iv. Landing shall take place at the maximum practical distance from nearby residences (this will be dependent upon ground conditions).
- b. Emergency helicopter operations;
- c. Parade ground activities, gun salutes and other activities for ceremonial occasions, including preparation for such occasions;
- d. Noise from safety signals, warning devices or emergency pressure relief valves, provided they do not sound for more than a reasonable period; and
- e. Noise associated with outdoor recreational activities and sporting events.

Tree Protection

9. DNB - South Yard: Calliope Road

Pohutukawa trees over 3 m in height on the cliff top shall be removed or pruned only for the reasons of:

- a. Adverse tree health;
- b. Human safety;
- c. Cliff stability; and
- d. Risk of property damage, including to buildings, vehicles, roads, and underground services.

10. Trimming and maintenance of all native trees on the cliff top is to be undertaken by a qualified arborist. For the purposes of this control, cliff top is defined as the point at which the gradient of the slope (as approached from the top of the slope) reaches a gradient steeper than 1 in 0.5, plus the first 10m back from the top of the cliff top.

Lighting

11. Lighting in all areas shall conform to the following: a. At no time between the hours of 10pm and 7am shall any outdoor lighting be used in a manner that the use of such lighting causes an added illuminance in excess of 20 lux measured horizontally or vertically at any point along any boundary of any adjoining site which is zoned Residential (and outside the designated area); and b. All outdoor lighting shall be shielded in such a manner that light emitted by the fixture is projected below a horizontal plane running through the lowest point in the fixture where that light is emitted, or is shielded in such a manner that the lowest edge of the shield is at or below the centre line of the light source.

Aerials and Antennae

12. Telecommunication and radio communication aerials and antennae that comply with the limits prescribed in NZS 2772.1 (1999) New Zealand Standard for radiofrequency fields – maximum exposure levels between 3 kHz and 300 GHz shall be permitted in all parts of the designated area. Where aerials and antennae are attached to buildings, their height plus that of any support structure shall not exceed the height limit of the area by more than 5m.

Administration

13. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with s176A(2)(b) RMA, no outline plan is required for those activities.

14. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 8 - Designation NZDF Devonport Site Plan

The Proposed Auckland Unitary Plan (notified 30 September 2013)

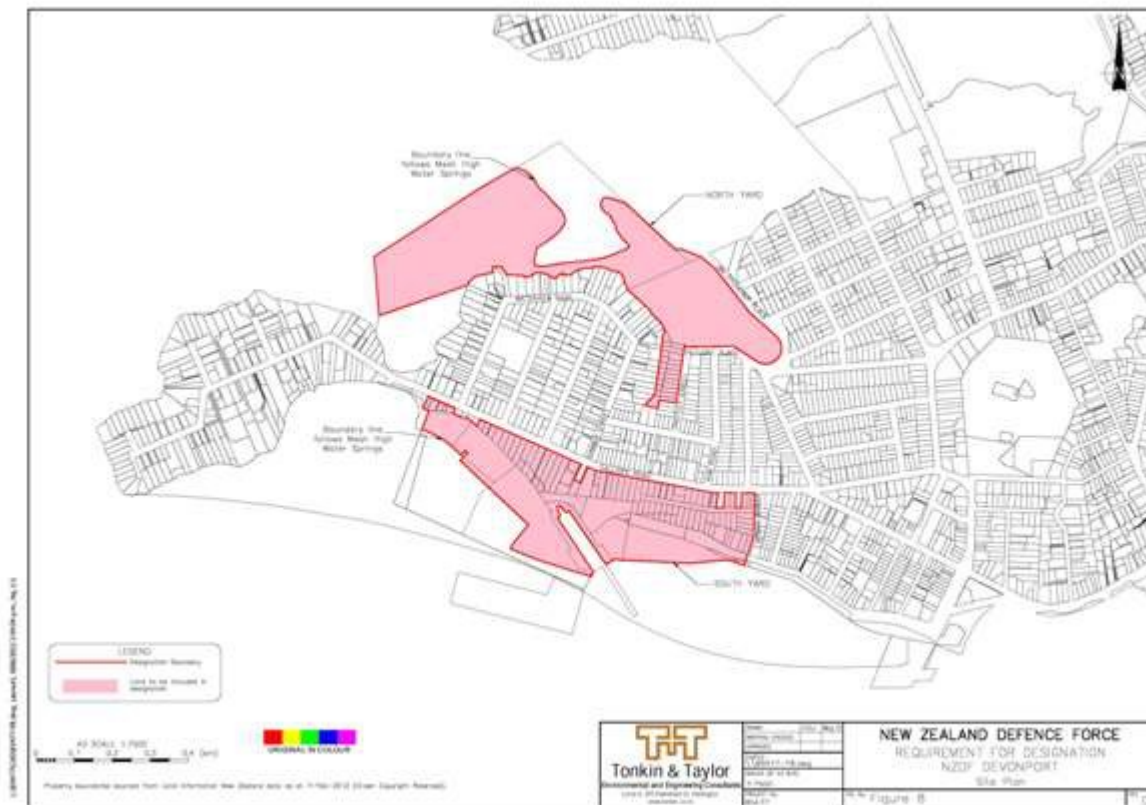
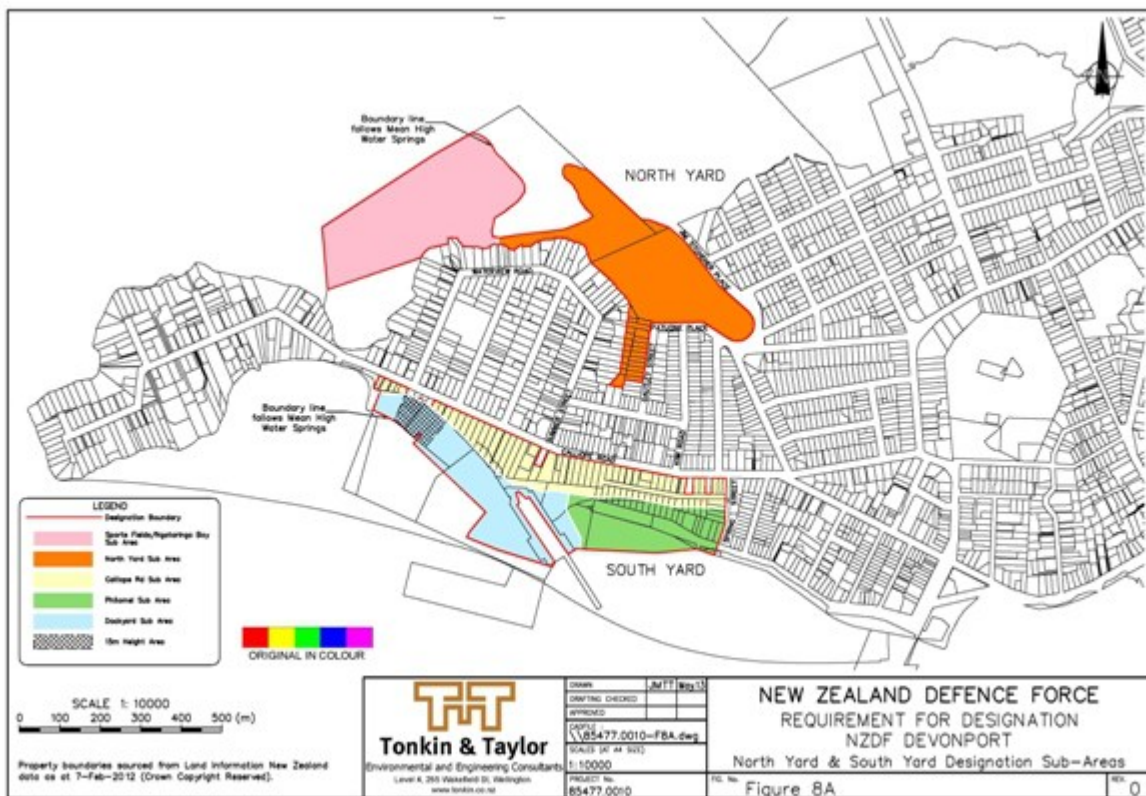


Figure 8A - Designation NZDF Devonport North Yard & South Yard Sub-Areas



4309 Devonport Naval Base - North Yard

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	4309
Requiring Authority	Minister of Defence
Location	West of Jim Titchener Parade and Cautley Street, Devonport (refer to Figure 8 below)
Rollover Designation	Yes
Legacy Reference	Designation 92, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - naval base.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

Yards

1. The following yards shall apply in respect of designation boundaries except the boundary with the Coastal Marine Area (where no yard shall apply):

All boundaries: 3m

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Building height

2. 12.5m

Height in Relation to Boundary

3. Buildings must not project beyond a 45 degree recession plane measured from a point 2.5 m vertically above ground level where the designation boundary adjoins a residential zoned site.

Building length

4. Where sites adjoining the designation boundary are zoned residential, those parts of any building which exceed a height of 5 metres and are within 10 metres of the designation boundary are to be wholly confined within the arms of a 130 degree angle formed by two lines intersecting any point on an adjacent residential boundary such that each line forms an angle of 25 degrees with that boundary.

Maximum site coverage

5. North Yard: Sports fields The maximum permitted site coverage or cumulative total area of buildings must not exceed 35%.

Minimum permeable area

6. DNB - North Yard: Sports fields The minimum permeable area must not be less than 25%.

Exceptions and notes for conditions 1-6:

Building height, bulk and location controls apply only in respect of new buildings and additions to existing buildings.

The following structures are excluded from all building height, bulk and location controls:

- a. Perimeter security fencing up to a height of 4m;
- b. Flagpoles; and
- c. Lighting standards up to a maximum height of 12.5m, and lighting standards exceeding a height of 12.5m subject to an outline plan.

Noise limits

7. The LAeq(15 min) noise level and maximum noise level (LAFmax) arising from any activity within the designated area, other than noise from construction, demolition or maintenance, measured at or within the boundary of a property in the residential zones outside the designated area, must not exceed the following limits:

Monday to Saturday 7am-10pm	LAeq(15 min) 55dB
Sunday 9am-6pm	LAeq(15 min) 55dB
All other times	LAeq(15 min) 45dB Leq(15 min) 60dB at 63 Hz Leq(15 min) 55dB at 125 Hz LAFmax 75dB

Construction, demolition and maintenance noise limits

8. Noise from construction and demolition activities must meet the requirements of Tables 2 and 3 of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999). The measurement and assessment of construction noise must be in accordance with New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) and the requirements of annex A of New Zealand Standard on Acoustics – Construction Noise (NZS 6803: 1999) must be used if it is necessary to assess the measured Leq levels in high background noise areas.

Exceptions to noise limits:

The Proposed Auckland Unitary Plan (notified 30 September 2013)

- a. Military helicopter operations except that:
 - i. There shall not be more than 50 landings and 50 take-offs per calendar year;
 - ii. Over-flying of dwellings by landing helicopters is to be avoided;
 - iii. Military helicopter landings and take-offs will be limited to between the hours of 0700 – 2200; and
 - iv. Landing shall take place at the maximum practical distance from nearby residences (this will be dependent upon ground conditions).
- b. Emergency helicopter operations;
- c. Parade ground activities, gun salutes and other activities for ceremonial occasions, including preparation for such occasions;
- d. Noise from safety signals, warning devices or emergency pressure relief valves, provided they do not sound for more than a reasonable period; and
- e. Noise associated with outdoor recreational activities and sporting events.

Lighting

7. Lighting in all areas shall conform to the following:
- a. At no time between the hours of 10pm and 7am shall any outdoor lighting be used in a manner that the use of such lighting causes an added illuminance in excess of 20 lux measured horizontally or vertically at any point along any boundary of any adjoining site which is zoned Residential (and outside the designated area); and
 - b. All outdoor lighting shall be shielded in such a manner that light emitted by the fixture is projected below a horizontal plane running through the lowest point in the fixture where that light is emitted, or is shielded in such a manner that the lowest edge of the shield is at or below the centre line of the light source.

Aerials and Antennae

8. Telecommunication and radio communication aerials and antennae that comply with the limits prescribed in NZS 2772.1 (1999) New Zealand Standard for radiofrequency fields – maximum exposure levels between 3 kHz and 300 GHz shall be permitted in all parts of the designated area. Where aerials and antennae are attached to buildings, their height plus that of any support structure shall not exceed the height limit of the area by more than 5m.

Administration

9. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with s176A(2)(b) RMA, no outline plan is required for those activities.
10. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 8 - Designation NZDF Devonport Site Plan

The Proposed Auckland Unitary Plan (notified 30 September 2013)

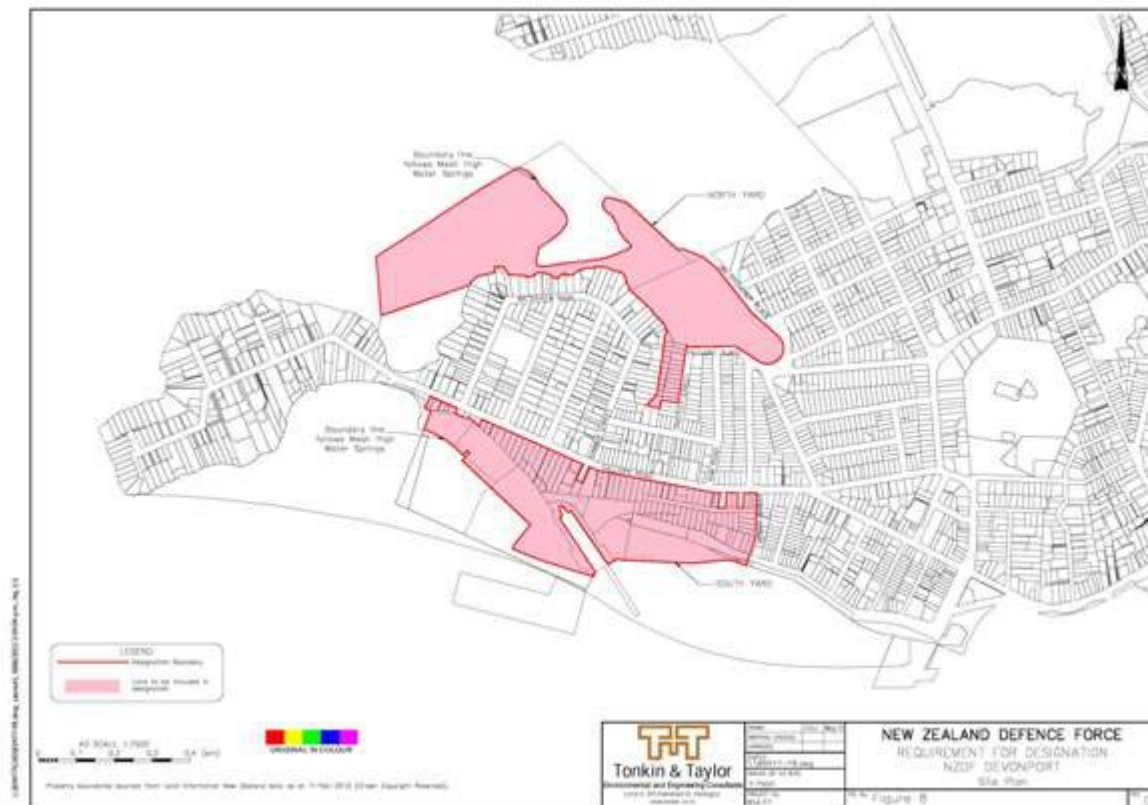
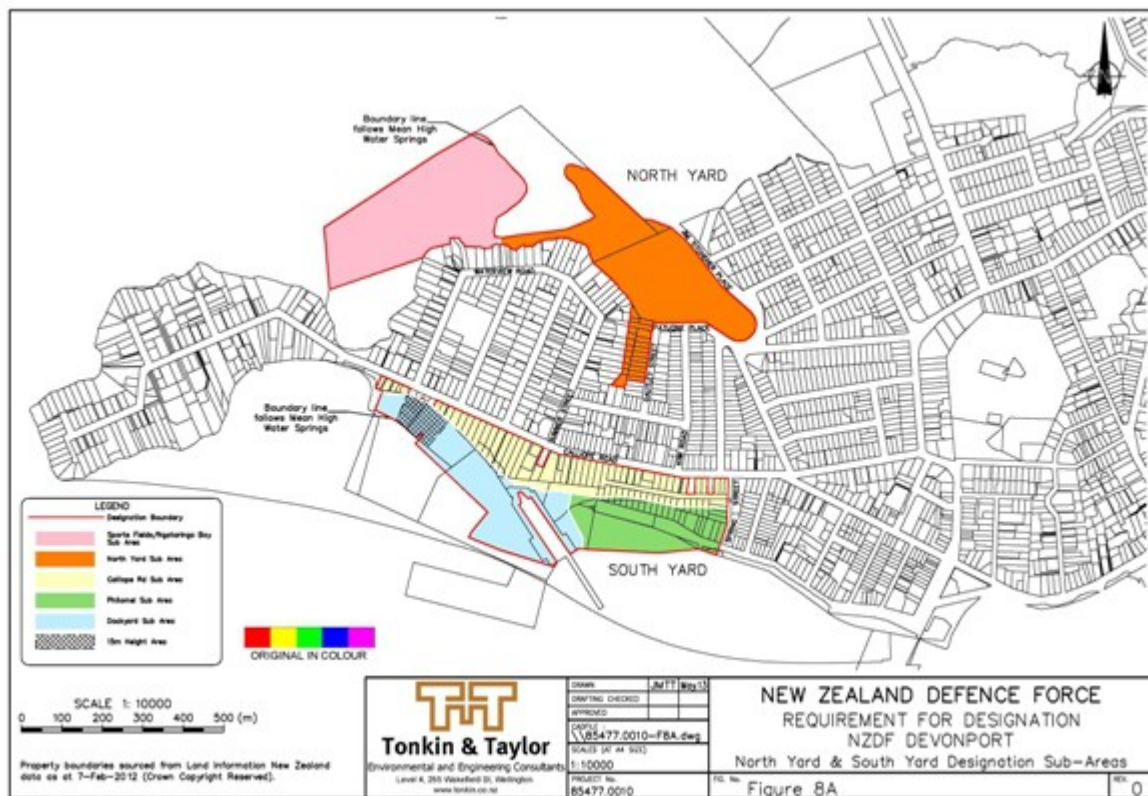


Figure 8A - Designation NZDF Devonport North Yard & South Yard Sub-Areas



The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	4310
Requiring Authority	Minister of Defence
Location	Brigham Creek Road, Kowhai Road, Kauri Road and Bristol Road, Whenuapai (refer to Drawing 9A-1 below)
Rollover Designation	Yes
Legacy Reference	Designation MD1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - air base.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

Aircraft Noise

1. Aircraft operations on the RNZAF Airbase shall not exceed a day/night (Ldn) level of:
 - a. 65dBA outside the Airnoise Boundary (Ldn 65 dBA Contour) shown on the Airbase Noise map; and
 - b. 55dBA outside the Outer Control Boundary (Ldn 55 dBA Contour) shown on the Airbase Noise map.

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For the purpose of this control noise will be measured in accordance with the NZS 6805:1992 and calculated, as stated in NZS 6805:1992, using FAA Integrated Noise Model (INM) and records of actual aircraft operations and calculated as a 90 day rolling logarithmic average.

Exceptions to noise limits:

- a. The aircraft is landing in an emergency;
- b. The aircraft is landing at the Airbase as an alternative in adverse weather conditions; or
- c. The aircraft is using the airfield as part of a search and rescue operation or civil emergency.

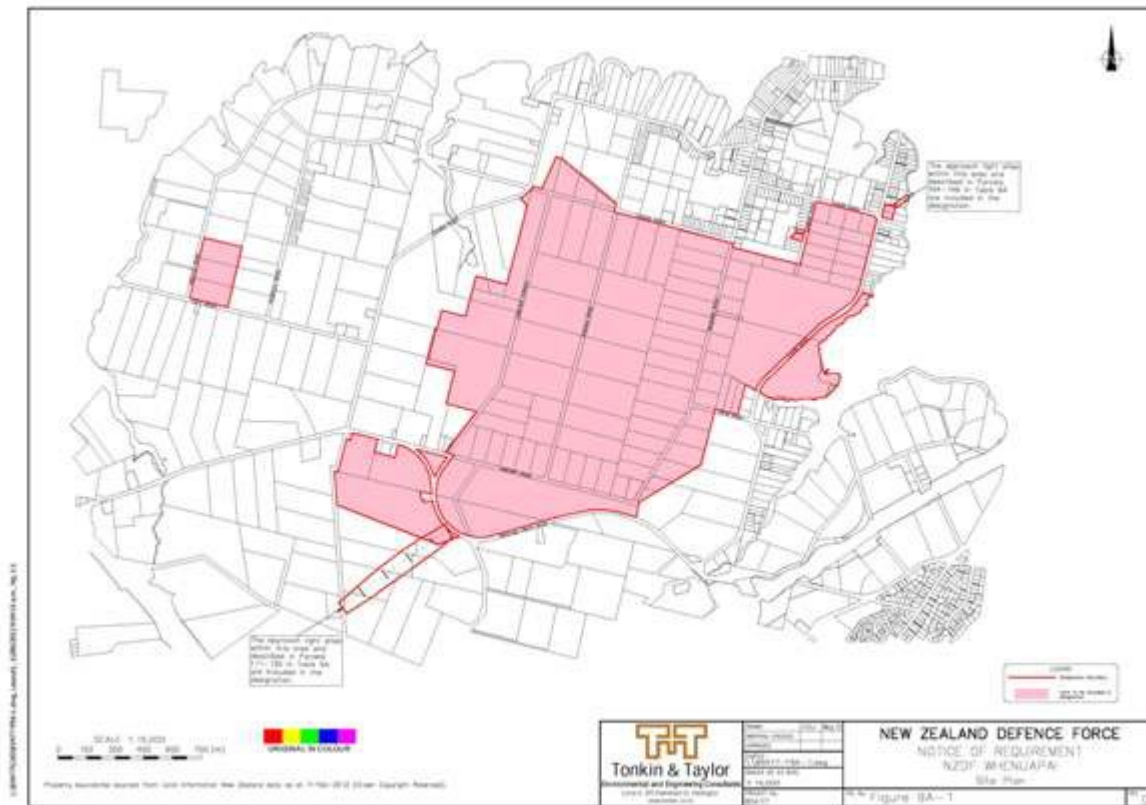
Administration

2. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with s176A(2)(b) RMA, no outline plan is required for those activities.

3. For the avoidance of doubt, maintenance activities do not require an outline plan.

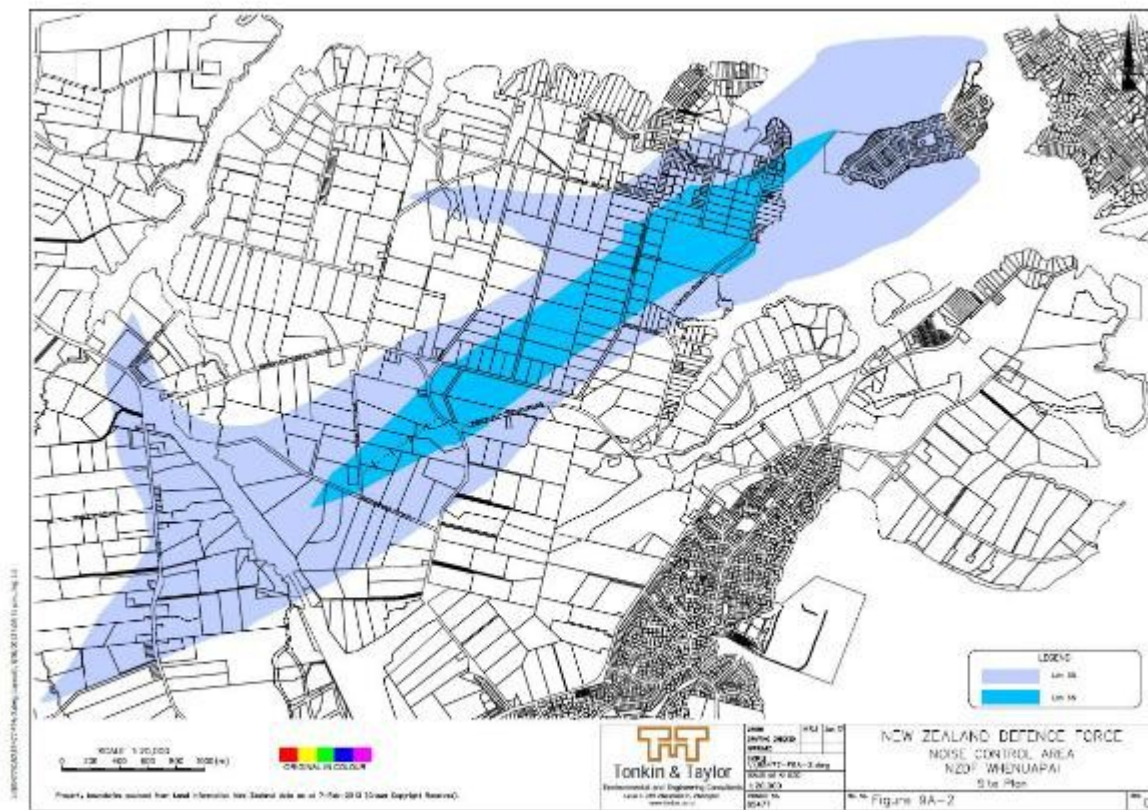
Attachments

Drawing 9A-1 - Notice of Requirement Whenuapai Site Plan



Drawing 9A-2 - Noise Control Area Whenuapai Site Plan

The Proposed Auckland Unitary Plan (notified 30 September 2013)



4311 Whenuapai Airfield Approach and Departure Path Protection

Designation Number	4311
Requiring Authority	Minister of Defence
Location	Vicinity of Whenuapai Airfield
Rollover Designation	Yes
Legacy Reference	Auckland Council District Plan (Waitakere Section) 2003; and Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - protection of approach and departure paths.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- The contribution of forces under collective security treaties, agreements or arrangements;
- The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- The provision of any public service.

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The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

Restrictions Relating to Approach Paths

1. The approval in writing of the New Zealand Defence Force is required prior to the erection of any building, change in use of any land or building, or any subdivision of land, and prior to any building or resource consent application for such works/activities, within the areas of the designation shown on the planning maps as 'land use and subdivision subject to NZDF approval'. These areas are generally within 1,000 metres of the runways.
2. No obstacle shall penetrate the approach and departure path obstacle limitation surfaces shown on the planning maps and explained by the text "Explanation of Protection Surfaces Whenuapai Airfield" and Diagram MD1A below without the prior approval in writing of the New Zealand Defence Force. This restriction shall not apply to any building being erected which has a height of not more than 9.0 metres above natural ground level.

Explanation of Surfaces

The protection surfaces have been developed in accordance with NZ Civil Aviation Circulars (AC) 139-6 and AC 139-10. Where two or more surfaces (whether takeoff, approach, transitional, horizontal or conical surfaces) coincide, the lower shall apply.

1. Takeoff, Approach and Transitional Surfaces

The Takeoff and Approach surfaces coincide and commence at 60 metres from the end of the runway threshold. The width of the start of the surface is 300 metres for Runways 03 and 21 and 180 metres for Runways 08 and 26. Each surface diverges in width each side at a rate of 1:6.6 (15%) and extends at a gradient of 1 in 50 (2%) for a total distance of 15 kilometres. As a result, maximum permitted building altitude increases with distance from the Airfield.

The Transitional Side Surfaces, which restrict building altitudes either side of the runway, are imposed either side of the aerodrome strip. The Transitional Side Surface slopes upward from the edge of the aerodrome strip at a gradient of 1:7 (14.3%) to the inner edge of the Inner Horizontal Surface at a height of 45 metres above the Aerodrome Elevation and at an elevation of 76.3 metres above mean sea level (AMSL). The effect of these surfaces on maximum building altitude is illustrated in Diagram MD1A.

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2. Inner Horizontal and Conical Surfaces.

The Inner Horizontal Surface is a horizontal “near circular” plane extending 4000 metres out from the edge of the aerodrome strip at a height of 45 metres above the Aerodrome Elevation and at an elevation of 76.3 metres above mean sea level (AMSL). The Conical Surface is an upward sloping surface that extends outwards from the outer edge of the Inner Horizontal Surface at a gradient of 5% to an elevation of 150m above the Aerodrome Elevation and at an elevation of 181.3 metres above mean sea level (AMSL). The effect of these surfaces on maximum permitted altitude of buildings and other objects is illustrated in Diagram MD1A.

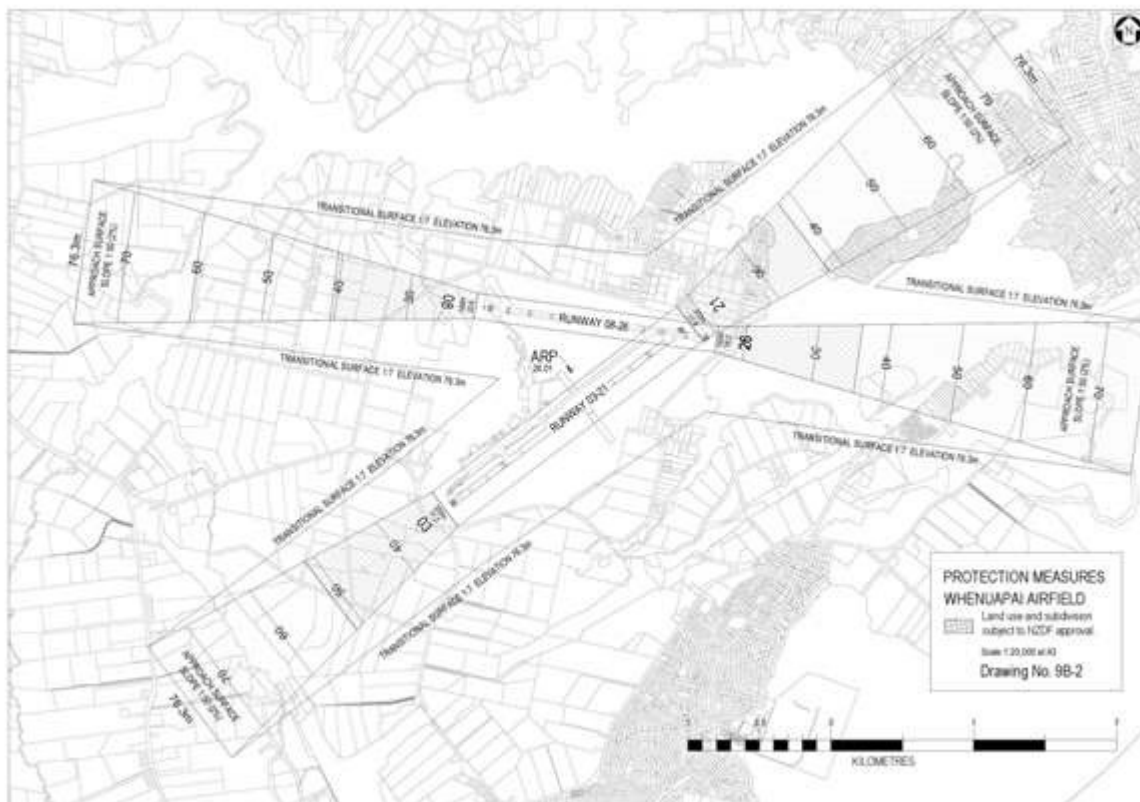
Attachments

Drawing 9B-1 - Protection Measures Whenuapai Airfield

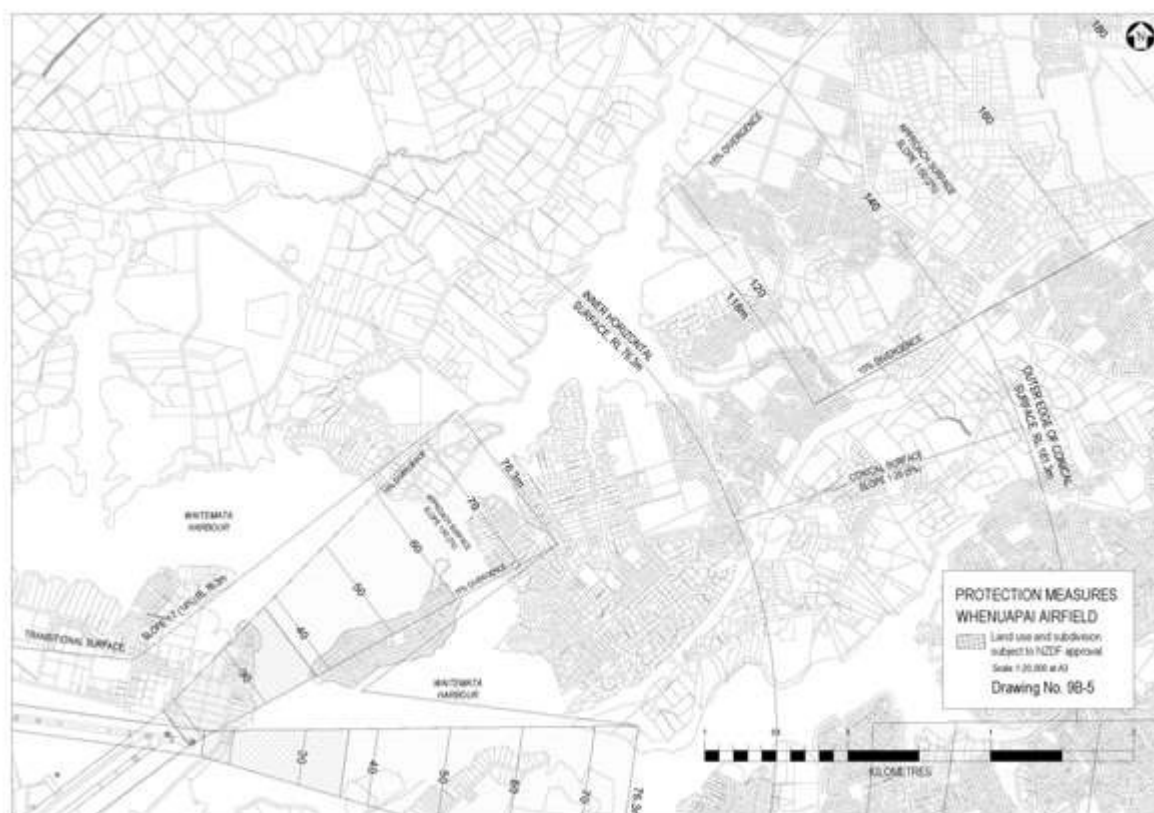
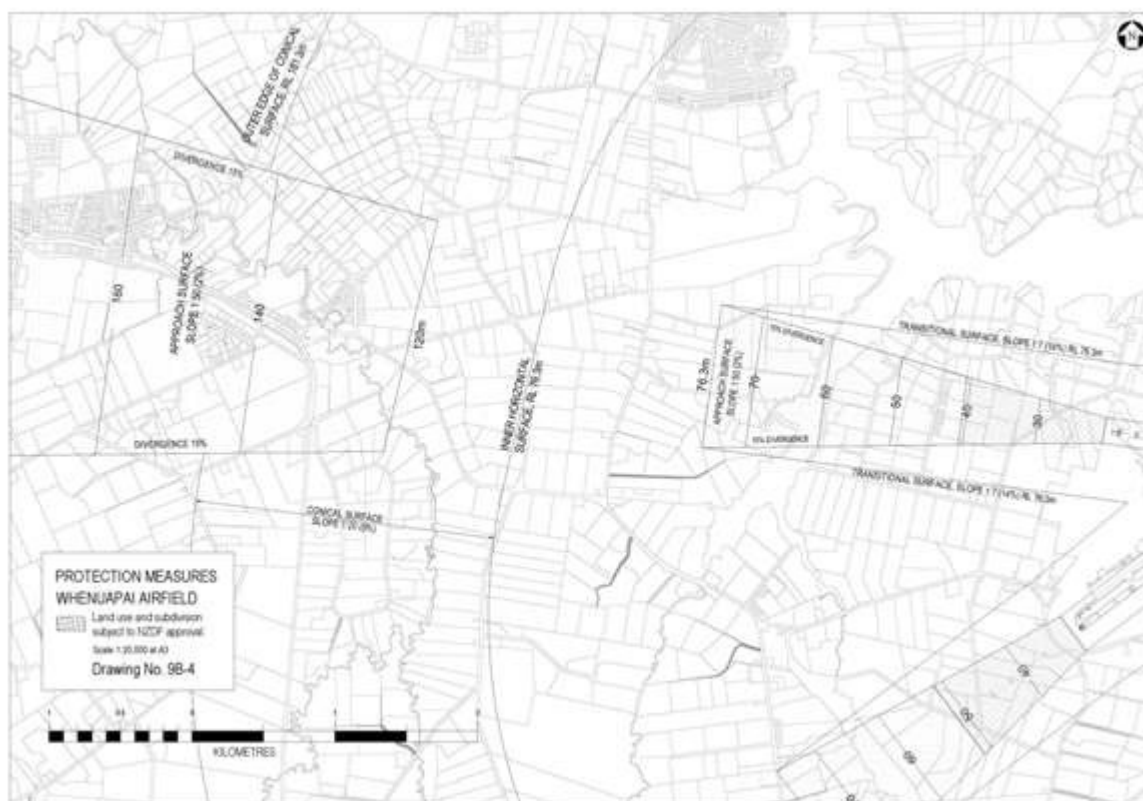


Drawing 9B-2-6 - Protection Measures Whenuapai Airfield

The Proposed Auckland Unitary Plan (notified 30 September 2013)



The Proposed Auckland Unitary Plan (notified 30 September 2013)



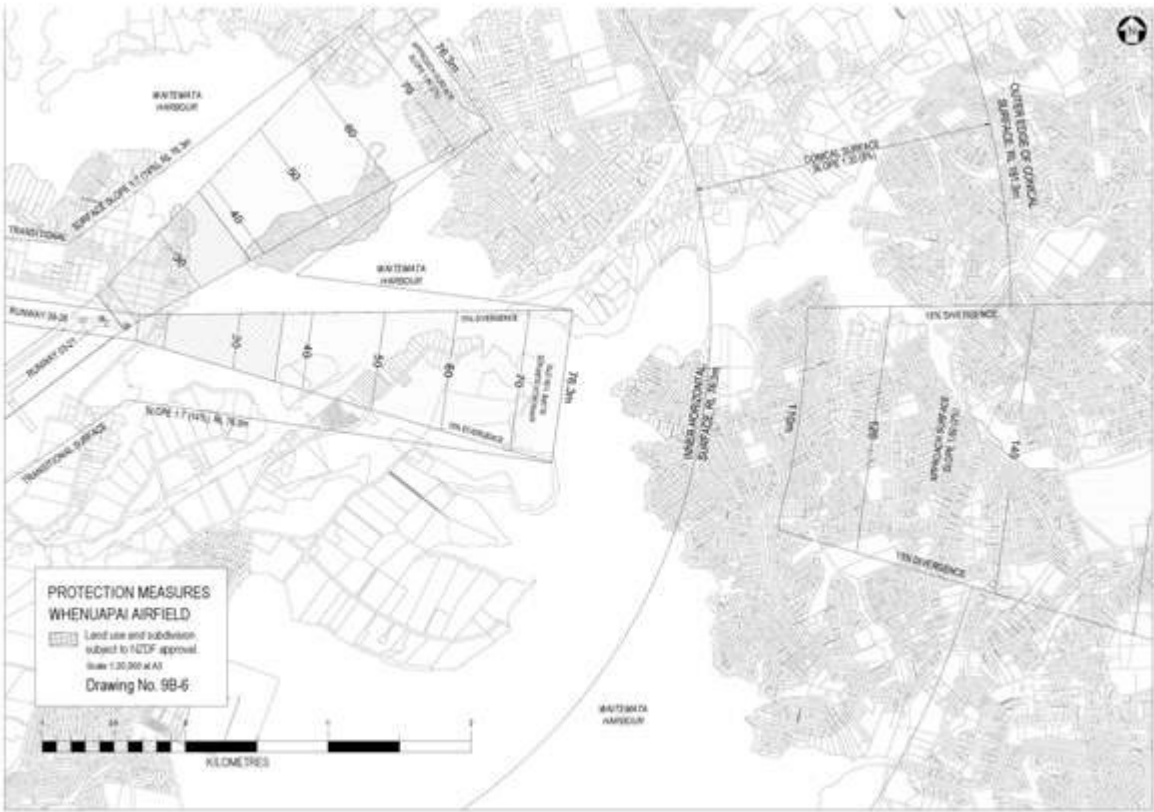
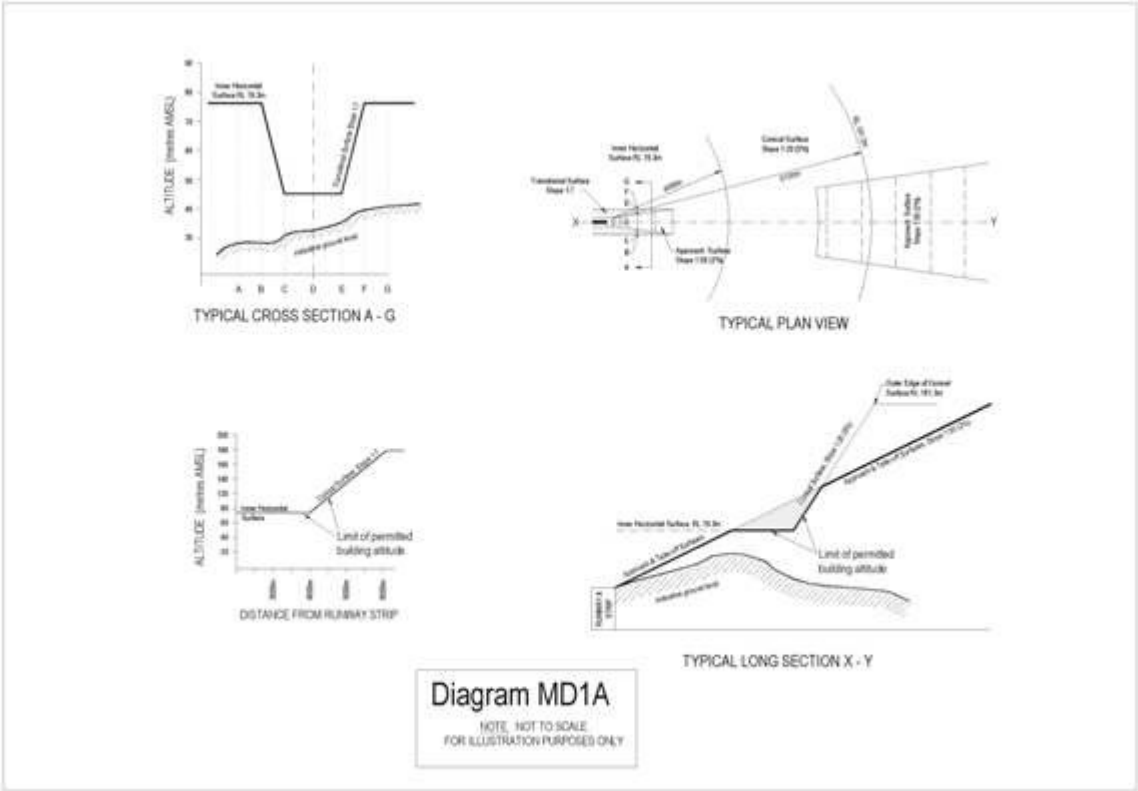


Diagram MD1A - Typical Cross Sections and Plan view



4312 South Head Weapons Range

Designation Number	4312
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Minister of Defence
Location	Vicinity of Tasman Road, Woodhill (Kaipara South head) - All that area of land within a circle of radius 5486 metres, centred on a point at Latitude 36° 28' 45.3" South, Longitude 174° 09' 38" East positioned on a bearing of 227.5° (T) at a distance of 4.8 nautical miles from South Kaipara Head light, as defined on Figure 10 and covering the parcels described in Table 10 (refer to Figure 10 below)
Rollover Designation	Yes
Legacy Reference	Designation 920, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - air weapons range danger template.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

Conditions

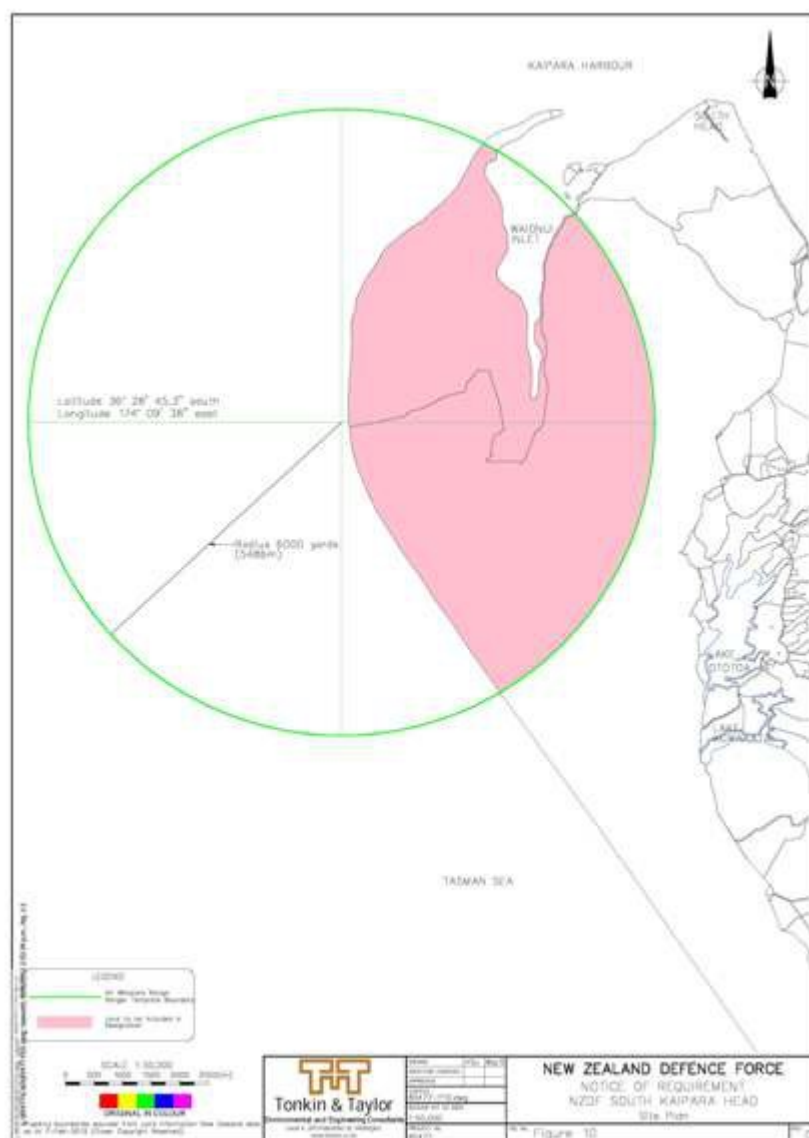
1. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with section 176A(2)(b) of the Resource Management Act 1991, no outline plan is required for those activities.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

2. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 10 - Designation NZDF South Kaipara Head Site Plan



4313 Hobsonville Base

Designation Number	4313
Requiring Authority	Minister of Defence
Location	29-59 Clark Road and 415-419 Hobsonville Road, Hobsonville (refer to Figure 11 below)
Rollover Designation	Yes
Legacy Reference	Designation MD1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Description

Defence purposes (as defined by section 5 of the Defence Act 1990) - administration and operations.

The Defence Areas are administered by the New Zealand Defence Force (NZDF) and are currently occupied by NZDF, its contractors and licensees. The Areas are a Defence Work and may be utilised for any or every purpose required by section 5 of the Defence Act 1990, which are as follows:

- a. The defence of New Zealand, and of any area for the defence of which New Zealand is responsible under any Act;
- b. The protection of the interests of New Zealand, whether in New Zealand or elsewhere;
- c. The contribution of forces under collective security treaties, agreements or arrangements;
- d. The contribution of forces to, or for any of the purposes of, the United Nations, or in association with other organisations or States and in accordance with the principles of the Charter of the United Nations;
- e. The provision of assistance to the civil power either in New Zealand or elsewhere in time of emergency; and
- f. The provision of any public service.

The Governor-General of New Zealand, continues to raise and maintain Armed Forces on behalf of Her Majesty the Queen. Given the obligations placed on the New Zealand Defence Force by the Crown to meet the Crown's military defence needs, including those imposed by any enactment or by the policies of the government, the function of the Defence Areas include, at all times, to provide for the following functions of the New Zealand Defence Force (including visiting forces and third parties contracted to the New Zealand Defence Force):

- i. Defence Force command, land operations, sea operations, air operations, training, logistic support, ship berthing and docking, construction, repair, maintenance, munitions handling and storage, administration, and communication, and for the acquisition and improvement of the skills necessary for such functions;
- ii. Resources, accommodation and facilities for these functions;
- iii. Accommodation for members of the New Zealand Defence Force and any visiting force, training, recreational, welfare and medical facilities for them;
- iv. Facilities for the storage of matériel, food and fuel, and the conservation and display of historic material;
- v. Facilities for the construction, repair and maintenance of vessels, aircraft, vehicles and other equipment, including the vessels, aircraft, vehicles and equipment of forces of other nations;
- vi. To provide for the rapid and efficient deployment of the New Zealand Defence Force; and
- vii. Any other activity required in the delivery of New Zealand Defence Force outputs as described annually in the Departmental Forecast Report: New Zealand Defence Force.

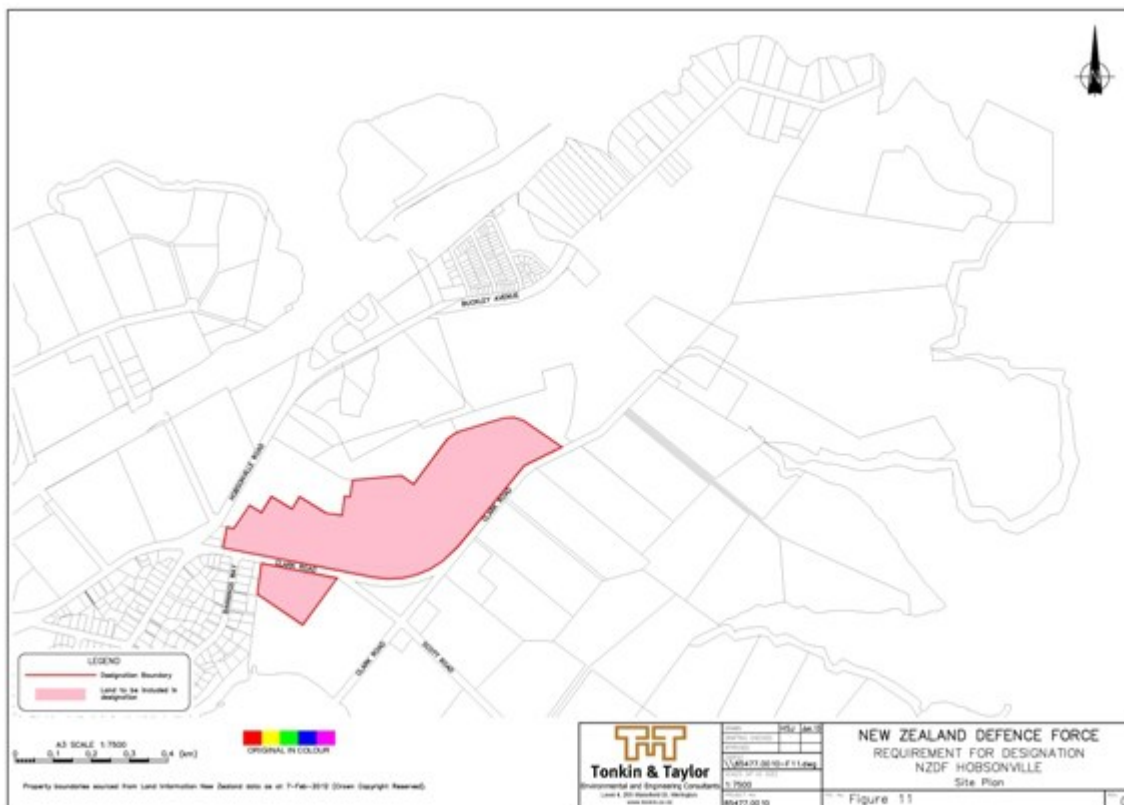
Conditions

1. Works and projects that comply with the permitted activity rules of the underlying zoning are incorporated into this designation and, in accordance with section 176A(2)(b) of the Resource Management Act 1991, no outline plan is required for those activities.
2. For the avoidance of doubt, maintenance activities do not require an outline plan.

Attachments

Figure 11 - Designation NZDF Hobsonville Site Plan

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Minister of Education

Standard Conditions for All Education Designations

The Minister requires each designation to be subject to the following explanatory notes and conditions:

Explanatory Notes

1. Each of these designations enables the establishment of a school that is able but is not required to cater for all of the school years listed in the purpose.
2. *“Educational Purposes”* for the purposes of these designations shall, in the absence of specific conditions to the contrary:
 - a. Enable the use of the facilities on the designated site by and for the educational benefit of any school age students (ie: years 0 to 13) regardless of whether they are enrolled at an institution located on that designated site.
 - b. Enable the provision of supervised care and study opportunities for students outside school hours in school facilities.
 - c. Enable the provision of community education (eg: night classes for adults) outside school hours in school facilities.
 - d. Include but not be limited to the provision of academic, sporting, social and cultural education including through:
 - i. Formal and informal recreational, sporting and outdoor activities and competitions whether carried out during or outside school hours;
 - ii. Formal and informal cultural activities and competitions whether carried out during or outside school hours; and
 - iii. The provision of specialist hubs and units (including language immersion units and teen parenting units) for students with particular educational requirements or special needs.
 - v. Enable the use of facilities for purposes associated with the education of students including school

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assemblies, functions, fairs and other gatherings whether carried out during or outside school hours.

vi. Enable the provision of associated administrative services; car-parking and vehicle manoeuvring; and health, social service and medical services (including dental clinics and sick bays).

vii. Enable housing on site for staff members whose responsibilities require them to live on site (e.g. school caretakers) and their families.

3. Where any standard condition below conflicts with a specific condition on a designation, the site specific condition takes precedence.

Conditions

Height in Relation to Boundary

1. Any new building or building extension (excluding goal posts and similar structures) shall comply with the height in relation to boundary controls [attached to this Schedule] from any adjoining land zoned primarily for a residential purpose, or zoned for an open space/outdoor recreation purpose.

Noise

2. The operation of the school shall comply with the following noise limits at the boundary of any site zoned primarily for a residential purpose, or in the case of a rural zone, at a point 20m from the facade of any dwelling, or the site boundary, whichever is closest to the dwelling:

Daytime	Noise Level (Leq) dBA
Mon – Sun, 7.00am – 10.00pm (0700 -2200)	55
Mon – Sun, 10.00pm – 7.00am (2200 -0700)	45

These noise levels shall not apply to noise from standard school outdoor recreational activities occurring between 0800 and 1800 hours Monday to Saturday.

Noise levels shall be measured and assessed in accordance with NZS 6801: 2008 “Measurement of Environmental Sound” and NZS 6802:2008 “Environmental Noise”.

Noise from construction shall not exceed the limits recommended in, and shall be measured in accordance with, New Zealand Standard NZS 6803:1999 “Acoustics – Construction Noise”.

On-Site Car Parking- Schools

3. Additional on-site car parking shall be provided at the rate of two carparks per new classroom or classroom equivalent, except where the Council accepts, on the basis of a specifically commissioned parking study by an appropriately qualified engineer and/or transportation planner, that a lesser level is appropriate. For the avoidance of doubt, this condition shall only apply where there is a net increase in the number of classrooms or classroom equivalents.

On-Site Car Parking- Early Childhood Education (Preschool)

4. In addition to any car parking required for the school, on-site car parking for early childhood education (preschool) shall be provided at the rate of one car park per every 10 children the facility is licensed or designed to accommodate, plus one per each full time equivalent staff member required for the license or design capacity of the centre, except where the Council accepts, on the basis of a specifically commissioned parking study by an appropriately qualified engineer and/or transportation planner, that a lesser level is appropriate.

Scheduled Trees

5. No tree or group of trees specifically scheduled in the District Plan may be cut, damaged, altered, injured, destroyed or partly destroyed, or works undertaken within the drip line of any such tree(s), other than in accordance with an outline plan submitted and processed in accordance with s176A of the Resource

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Management Act 1991. This condition shall not apply to minor trimming or maintenance undertaken by hand operated secateurs or pruning shears in accordance with accepted arboricultural practice, or where removal or trimming is required to safeguard life or property.

Scheduled Heritage Buildings

6. No additions or alterations shall be made to any building or group of buildings specifically scheduled for a heritage purpose in the District Plan, other than in accordance with an outline plan submitted and processed in accordance with s176A of the Resource Management Act 1991. This condition shall not apply to internal alterations unless the interior of the building forms part of the scheduled heritage item in the District Plan.

Outline Plan

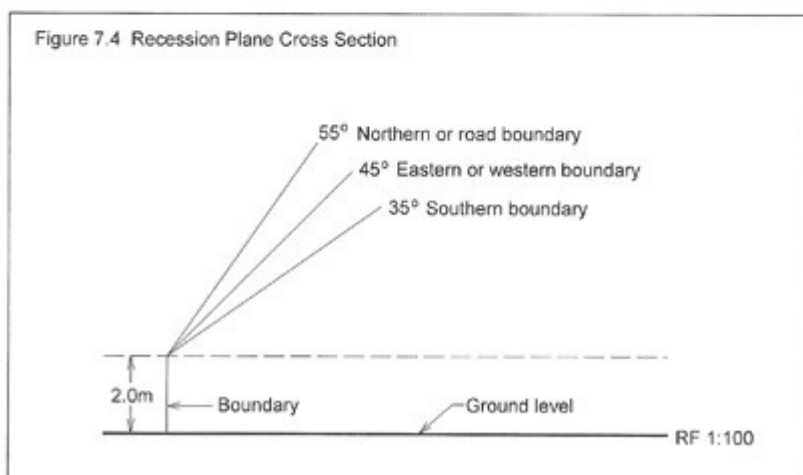
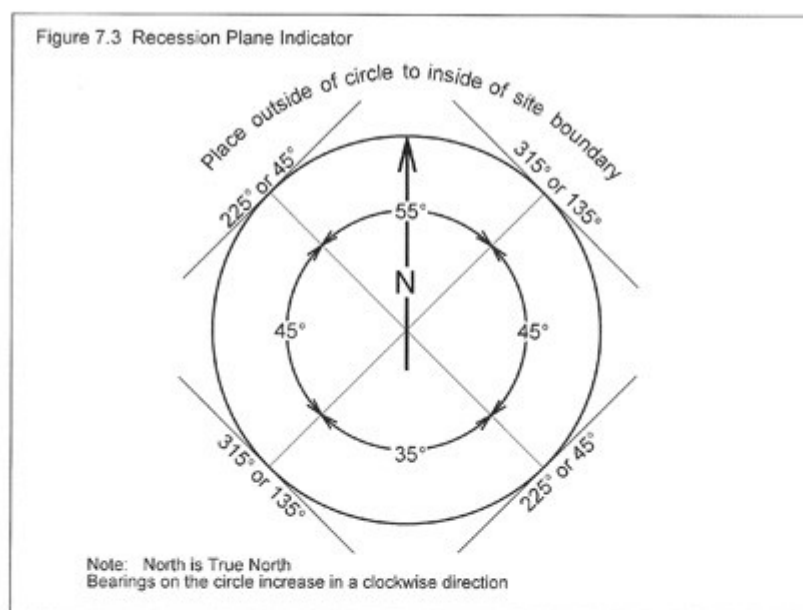
7. That an outline plan of works shall not be required for:

- a. Any internal building works other than those that result in a net increase in the number of classrooms or classroom equivalents;
- b. General building maintenance and repair work including but not limited to re-painting, re-cladding and re-roofing;
- c. Installing, modifying and removing playground furniture and sports structures (e.g. goal posts);
- d. Amending any internal pedestrian circulation routes/pathways;
- e. Installing, maintaining or repairing any in ground infrastructure services such as stormwater, sewerage and water lines and connections, including any ancillary earthworks;
- f. Provision of landscaping and gardens, provided that it does not conflict with any designation condition or alter landscaping required as mitigation as part of an outline plan for other works; or
- g. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Attachments

Figure 7.3 Recession Plane Indication and Figure 7.4 Recession Plane Cross Section

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North and West

Designation Schedule - Minister of Education (1/3)

North and West

Number	Purpose	Location
4500	Educational purposes - junior high school (years 7 - 10)	19, 286 and 298 Appleby Road, Albany
4501	Educational purposes - primary school (years 0 - 8)	6 Bass Road, Albany
4502	Educational purposes - senior high school (years 11 - 13)	536 and 546 Albany Highway
4503	Educational purposes - primary school (years 0 - 8)	60 Bayview Road, Glenfield
4504	Educational purposes - primary school (years 0 - 8)	181 Bayswater Avenue, Bayswater
4505	Educational purposes - primary school (years 0 - 8)	50 Tramway Road, Beach Haven
4506	Educational purposes - primary school (years 0 - 8)	188 Lake Road, Takapuna
4507	Educational purposes - intermediate school (years 7 - 8)	3A Harrison Avenue, Takapuna
4508	Educational purposes - intermediate school (years 7 - 8)	182 Birkdale Road

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4509	Educational purposes - primary school (years 0 - 8)	213 Birkdale Road
4510	Educational purposes - primary school (years 0 - 8)	10 Salisbury Road
4511	Educational purposes - secondary school (years 7 - 13)	140 Birkdale Road
4512	Educational purposes - primary school (years 0 - 8)	77 Mokoai Road
4513	Educational purposes - primary school (years 0 - 8)	40 Browns Bay Road
4514	Educational purposes - primary school (years 0 - 8)	77 Aberdeen Road, Castor Bay
4515	Educational purposes - primary school (years 0 - 8)	2-6 Onetaunga Road, Birkenhead
4516	Educational purposes - primary school (years 0 - 8)	18 Kerr Street
4517	Educational purposes - primary school (years 0 - 8)	48 Forrest Hill Road, Forrest Hill
4518	Educational purposes - primary school (years 0 - 8)	145 Glamorgan Drive
4519	Educational purposes - secondary school (years 7 - 13)	52 Kaipatiki Road, Glenfield
4520	Educational purposes - intermediate school (years 7 - 8)	138 Chivalry Road, Glen Field
4521	Educational purposes - primary school (years 0 - 8)	83A Chivalry Road, Glen Field
4522	Educational purposes - primary school (years 0 - 8)	9 Isobel Road, Greenhithe
4523	Educational purposes - primary school (years 0 - 8)	82 Jutland Road, Takapuna
4524	Educational purposes - primary school (years 0 - 8)	16 McGlashan Place, Beach Haven
4525	Educational purposes - kura kaupapa Māori (years 0 - 13) and may include early childhood education (preschool)	7 Ceres Court, Rosedale
4526	Educational purposes - secondary school (years 7 - 13)	30 Ashley Avenue, Torbay
4527	Educational purposes - primary school (years 0 - 8)	27 Ralph Eagles Place, Torbay
4528	Educational purposes - primary school (years 0 - 8)	13 Agathis Avenue/ Galaxy Drive
4529	Educational purposes - primary school (years 0 - 8)	34 Manuka Road, Glenfield
4530	Educational purposes - primary school (years 0 - 8)	4 Wykeham Place, Glenfield
4531	Educational purposes - primary school (years 0 - 8)	34 Sheakespeare Road, Milford
4532	Educational purposes - primary school (years 0 - 8)	37 Sunrise Avenue, Murrays Bay
4533	Educational purposes - secondary school (years 7 - 13)	1 Kauri Glen Road
4534	Educational purposes - primary school (years 0 - 8)	145-147 Lake Road
4535	Educational purposes - primary school (years 0 - 8)	69 Onewa Road, Northcote
4536	Educational purposes - primary school (years 0 - 8)	14 Sartors Avenue
4537	Educational purposes - primary school (years 0 - 8)	31 Fraser Avenue, Northcote
4538	Educational purposes - primary school (years 0 - 8)	140 Kyle Road, Greenhithe
4539	Educational purposes - primary school (years 0 - 8)	126 Oteha Valley Road, Albany
4540	Educational purposes - primary school (years 0 - 8)	50 Spencer Road, Albany
4542	Educational purposes - secondary school (years 7 - 13)	564 East Coast Road
4543	Educational purposes - primary school (years 0 - 8)	598-602 Paremoremo Road (Cutts Crescent), Albany
4544	Educational purposes - primary school (years 0 - 8)	40 Sartors Avenue
4545	Educational purposes - primary school (years 0 - 8)	15 Russell Street

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4546	Educational purposes - primary school (years 0 - 8)	36 Sunnybrae Road
4547	Educational purposes - primary school (years 0 - 8)	35 Lyford Crescent
4548	Educational purposes - secondary school (years 7 - 13)	210 Lake Road, Takapuna
4549	Educational purposes - primary school (years 0 - 8)	40 Northcote Road, Takapuna
4550	Educational purposes - primary school (years 0 - 8)	23 Auburn Street, Takapuna
4551	Educational purposes - primary school (years 0 - 8)	84 Target Road, Takapuna
4552	Educational purposes - primary school (years 0 - 8)	56 Deep Creek Road
4553	Educational purposes - primary school (years 0 - 8)	2a Morrison Avenue
4554	Educational purposes - primary school (years 0 - 8)	136 Verran Road, Birkenhead
4555	Educational purposes - intermediate school (years 7 - 8)	113 Becroft Drive, Forrest Hill
4556	Educational purposes - primary school (years 0 - 8)	138 Chivalry Road, Glenfield
4557	Educational purposes - secondary school (years 7 - 13)	30 Forrest Hill Road, Takapuna
4558	Educational purposes - secondary school (years 7 - 13)	2 Wairau Road, Takapuna
4559	Educational purposes - primary school (years 0 - 8)	13-17 Compton Street
4560	Educational purposes - primary school (years 0 - 8)	54 Seaview Road
4561	Educational purposes - primary school (years 0 - 8)	1349 Ahuroa Road
4562	Educational purposes - primary school (years 0 - 8)	24 Mahoenui Valley Road, Albany
4563	Educational purposes - primary school (years 0 - 8)	1220 Dairy Flat Highway, Dairy Flat
4564	Educational purposes - primary school (years 0 - 8)	65 Alec Craig Way, Whangaparoa
4565	Educational purposes - primary school (years 0 - 8)	29 Rata Street Helensville
4566	Educational purposes - primary school (years 0 - 8)	40 Station Road, Huapai
4567	Educational purposes - secondary school (years 7 - 13)	36 Rautawhiri Road, Helensville
4568	Educational purposes - primary school (years 0 - 8)	12 School Road Kaipara
4569	Educational purposes - primary school (years 0 - 8)	979 Kaipara Coast Highway, Kaukapakapa
4570	Educational purposes - primary school (years 0 - 8)	26 Hauraki Road, Leigh
4571	Educational purposes - secondary school (years 7 - 13)	2-30 Woodcocks Road, Warkworth
4572	Educational purposes - primary school (years 0 - 8)	952 Matakana Road, Matakana
4573	Educational purposes - primary school (years 0 - 8)	280 Centreway Road, Orewa
4574	Educational purposes - primary school (years 0 - 8), secondary school (years 7 - 13) and educational purposes	80 Riverside Road, Orewa
4575	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	86 Marie Road, Orewa
4576	Educational purposes - primary school (years 0 - 8)	4 Bathgate Road, RD2 Wellsford
4577	Educational purposes - primary school (years 0 - 8)	10 Fordyce Road, Helensville
4578	Educational purposes - primary school (years 0 - 8)	20 Albert Hall Drive, Whanaparua
4579	Educational purposes - primary school (years 0 - 8)	19 School Road, State Highway 18, Riverhead

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4580	Educational purposes - secondary school (years 7 - 13)	287 and 287A Rodney Street Wellsford
4581	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	2 Longmore Lane, Silverdale
4582	Educational purposes - primary school (years 0 - 8)	62 Dawson Road Snells Beach
4583	Educational purposes - primary school (years 0 - 8), intermediate school (years 7 - 8) and secondary school (years 7 - 13) and may include early childhood education (preschool)	28 Bonita Avenue, Stanmore Bay
4584	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	30 and 36 Waiora Road, Whangaparaoa
4585	Educational purposes - primary school (years 0 - 8)	1 Okahukura Road, Taporā
4586	Educational purposes - primary school (years 0 - 8)	15 Tauhoa Road, RD 4 Warkworth
4587	Educational purposes - primary school (years 0 - 8)	14 Cottle Road, RD 2 Henderson
4588	Educational purposes - primary school (years 0 - 8)	8 Pakiri Block Road, RD 4 Wellsford
4589	Educational purposes - primary school (years 0 - 8)	2 Muriwai Road, Waimauku
4590	Educational purposes - primary school (years 0 - 8)	494 Waitoki Road, Kaukapakapa
4591	Educational purposes - primary school (years 0 - 8)	1981 South Head Road, Waioneke
4592	Educational purposes - primary school (years 0 - 8)	1119 Kahikatea Flat Road, Waitoki
4593	Educational purposes - primary school (years 0 - 8)	34A and 35 Hill Street, Warkworth
4594	Educational purposes - primary school (years 0 - 8)	47 School Road, Wellsford
4595	Educational purposes - primary school (years 0 - 8)	39 Ladies Mile, Whangaparaoa
4596	Educational purposes - primary school (years 0 - 8)	1541 State Highway 16, Woodhill
4597	Educational purposes - primary school (years 0 - 8)	11 Arahoe Road, New Lynn
4598	Educational purposes - special school (years 0-13)	82 Tirimoana Road, Te Atatu South
4599	Educational purposes - primary school (years 0 - 8)	23 Karepo Crescent, Henderson
4600	Educational purposes - intermediate school (years 7 - 8)	61 Bruce McLaren Road, Henderson
4601	Educational purposes - primary school (years 0 - 8)	7A Kintara Drive, Royal Heights
4602	Educational purposes - primary school (years 0 - 8)	124 Don Buck Road, Henderson
4603	Educational purposes - primary school (years 0 - 8)	1-29 School Road, Henderson
4604	Educational purposes - primary school (years 0 - 8)	51-61 Flanshaw Road, Te Atatu
4605	Educational purposes - primary school (years 0 - 8)	60 Roberts Road, Te Atatu
4606	Educational purposes - primary school (years 0 - 8)	9 Croydon Road, New Lynn
4607	Educational purposes - intermediate school (years 7 - 8)	23 Kaurilands Road, Titirangi
4608	Educational purposes - primary school (years 0 - 8)	3 Glenview Road, Glen Eden
4609	Educational purposes - primary school (years 0 - 8)	60 Barrys Road, Henderson
4610	Educational purposes - primary school (years 0 - 8)	161 Godley Road, Green Bay
4611	Educational purposes - secondary school (years 7 - 13)	131 Godley Road, Green Bay
4612	Educational purposes - secondary school (years 7 - 13)	19 Henderson Valley Road, Henderson
4613	Educational purposes - primary school (years 0 - 8)	70 Lincoln Road, Henderson

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4614	Educational purposes - primary school (years 0 - 8)	14 Norval Road, Henderson
4615	Educational purposes - primary school (years 0 - 8)	11A Montel Avenue, Henderson
4616	Educational purposes - primary school (years 0 - 8)	24 Garelja Road, Henderson
4617	Educational purposes - primary school (years 0 - 8)	389 Henderson Valley Road, Henderson
4618	Educational purposes - primary school (years 0 - 8)	104A Hobsonville Road, Hobsonville
4619	Educational purposes - primary school (years 0 - 8)	109 Atkinson Road, Titirangi
4620	Educational purposes - secondary school (years 7 - 13)	78-86 Archibald Road, Kelston
4621	Educational purposes - primary school (years 0 - 8) and intermediate school (years 7 - 8)	12B Vanguard Road, Kelston
4622	Educational purposes - primary school (years 0 - 8), secondary school (years 7 - 13), special school (years 0 - 13) and may include early childhood education (preschool)	3 Archibald Road, New Lynn
4623	Educational purposes - primary school (years 0 - 8)	73 Withers Road, Glen Eden
4624	Educational purposes - primary school (years 0 - 8)	54 Victory Road, Laingholm
4625	Educational purposes - primary school (years 0 - 8)	16 Keegan Drive, Massey
4626	Educational purposes - primary school (years 0 - 8)	97 Marina View Drive, Hobsonville
4627	Educational purposes - secondary school (years 7 - 13)	274 Don Buck Road, Massey
4628	Educational purposes - primary school (years 0 - 8)	326 Don Buck Road, Henderson
4629	Educational purposes - primary school (years 0 - 8)	63A Matipo Road, Te Atatu
4630	Educational purposes - primary school (years 0 - 8)	1 Hutchinson Avenue, New Lynn
4631	Educational purposes - special school (years 0 - 13)	20 Mayville Avenue, New Lynn
4632	Educational purposes - primary school (years 0 - 8)	552 West Coast Road, Oratia
4633	Educational purposes - primary school (years 0 - 8)	Garden Road, Piha
4634	Educational purposes - primary school (years 0 - 8)	33A Pomaria Road, Henderson
4635	Educational purposes - primary school (years 0 - 8)	18 De Havilland Road (, Hobsonville
4636	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	62 Summerland Drive, Henderson
4637	Educational purposes - primary school (years 0 - 8)	58 Rosier Road, Glen Eden
4638	Educational purposes - primary school (years 0 - 8)	19 Ozich Avenue, Te Atatu South
4639	Educational purposes - primary school (years 0 - 8), kura kaupapa Māori (years 0 - 8) and may include early childhood education (preschool)	92 Simpson Road, Ranui
4640	Educational purposes - primary school (years 0 - 8)	1/16A Ranui Station Road, Ranui
4641	Educational purposes - primary school (years 0 - 8)	112 Royal Road, Massey
4642	Educational purposes - secondary school (years 7 - 13)	18 Kotuku Street, Te Atatu
4643	Educational purposes - primary school (years 0 - 8)	7 Toru Street, Te Atatu
4644	Educational purposes - secondary school (years 7 - 13) and may include early childhood education (preschool)	70 Hobsonville Point Road (Buckley Avenue), Hobsonville
4645	Educational purposes - secondary school (years 7-13)	73-89 Moire Road, Massey

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4646	Educational purposes - special school (years 0 - 13)	488E Don Buck Road, Massey
4647	Educational purposes - primary school (years 0 - 8)	34 Ribblesdale Road, Henderson
4648	Educational purposes - primary school (years 0 - 8)	703 Swanson Road, Swanson
4649	Educational purposes - primary school (years 0 - 8)	8 Harbour View Road, Te Atatu North
4650	Educational purposes - primary school (years 0 - 8)	22 Waipani Road, Te Atatu
4651	Educational purposes - primary school (years 0 - 8)	34 Kokiri Street, Te Atatu South
4652	Educational purposes - primary school (years 0 - 8)	1-7 Kohu Road, Titirangi
4653	Educational purposes - secondary school (years 7 - 13)	42-60 Rathgar Road, Henderson
4654	Educational purposes - primary school (years 0 - 8)	10 Bethells Road, Waitakere
4655	Educational purposes - primary school (years 0 - 8)	74 Oreil Avenue, Massey
4656	Educational purposes - primary school (years 0 - 8)	124 Sturges Road, Henderson
4657	Educational purposes - primary school (years 0 - 8)	14 Airport Road, Whenuapai
4658	Educational purposes - primary school (years 0 - 8)	202 Woodlands Park Road, Woodlands

4500 Albany Junior High School

Designation Number	4500
Requiring Authority	Minister of Education
Location	19, 286 and 298 Appleby Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 159, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - junior high school (years 7 - 10).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. Along the Albany Highway frontage, buildings shall be located not closer than 14 metres from the boundary. Where the designation adjoins land zoned for residential or recreational purposes, buildings should be located not less than 10 metres from the boundary. All these setbacks should be observed unless written consent is obtained from any landowners or occupiers who are considered by the territorial authority to be adversely affected and that consent is submitted to the Council for consideration under section 176A of the Resource Management Act 1991. Provided that no such written consent shall authorise a building on the designated site to exceed the height in relation to boundary control of the relevant underlying zone or allow the length of that part of the building infringing the yard to be greater than 10 metres.

2. Buildings shall not exceed 15 metres in height, provided that where buildings or parts of buildings locate closer than 20 metres to any designation boundary, which adjoins land zoned for residential, or recreational purposes buildings shall not exceed 8 metres in height.

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3. All parking associated with the school shall be provided on-site, at a minimum rate of one space for every 10 pupils aged 16 or over plus one space for every employee. All drop off and pick up points, including a bus-bay, shall be located on site. All parking spaces, accessways and manoeuvring areas should be formed and finished with an all-weather dustfree surface, drained and marked out.

4. No access to the school is to be obtained directly off Albany Highway. Access shall be provided from Appleby Road and from two entry points from the proposed subdivision to the south. The detailed access arrangements, including the distribution of different types of access (buses, student drop-off and pick up and staff, student and visitor vehicles) between the three access points, shall be determined by a Traffic Effects Report, which is required to be submitted in accordance with Condition (5).

5. The Outline Plan of Works shall include, among other things, a stormwater management plan providing details of stormwater control measures for the development and silt control measures for the construction process, and a traffic effects report pursuant to Section 176A(3)(f) of the RMA (without limiting the consideration of any other matters to avoid, remedy or mitigate any adverse effects on the environment).

a. The stormwater run-off management plan should detail the volume of stormwater likely to be generated from the site upon development including proposals for stormwater containment and discharge. Before submitting the stormwater management plan to the Council, the Requiring Authority will consult with tangata whenua over the design and make any necessary alterations.

b. The traffic effects report will address, among other things, access issues and the effects of traffic and means of mitigation.

c. Any proposals contained in either the stormwater management plan or the traffic effects report shall comply with the then current standards imposed and administered by the relevant authority responsible for stormwater discharges and roads.

6. A minimum of 80% of the site shall have a permeable surface.

Attachments

No attachments.

4501 Albany School

Designation Number	4501
Requiring Authority	Minister of Education
Location	6 Bass Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 29, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

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No attachments.

4502 Albany Senior High School

Designation Number	4502
Requiring Authority	Minister of Education
Location	536 and 546 Albany Highway, Albany
Rollover Designation	Yes
Legacy Reference	Designation 17, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - senior high school (years 11 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The roll of the school shall not exceed 1,500 pupils.

Buildings and Site Layout

2. All buildings and structures shall comply with the following development controls:
 - a. Height in relation to boundary: no part of any building shall infringe a height in relation to boundary control from any adjacent land zoned residential of 2.5m plus the shortest horizontal distance between that part of the building and any site boundary.
 - b. The height of all buildings (excluding any goal posts associated with sporting activities), shall be limited to the height limits shown on the concept plan attached to this designation.
 - c. Minimum building setbacks: From the Albany Highway boundary as at 1 June 2007 – 5m; Side and Rear boundaries — 1.2m (includes unformed road on southwest boundary).
 - d. Maximum building coverage: 35%
 - e. Minimum permeable area: 30%

Transportation and Traffic

3. That the School Travel Plan being developed by the Requiring Authority (as a component of the Albany Senior High School project) to actively promote the Traffic Demand Management (TDM) targets for travel modes other than by private vehicles and thereby mitigate the impact of school traffic on Albany Highway, be developed in consultation with Council officers. A preliminary travel plan, shall be prepared prior to occupation of the site for academic, and shall be reviewed and updated annually. The Travel Plan shall be developed in conjunction with the School, Auckland Transport and the Council as part of an overall Integrated Transport plan that covers the needs of all educational institutes within the Albany Basin.

4. The Requiring Authority and the School Board of Trustees shall (i) monitor school related traffic and parking in the vicinity of the school, and (ii) resource, develop, review and if necessary amend the Travel Plan for the school in consultation with the Council to mitigate real and potential adverse traffic effects as and when the school becomes operational. The monitoring of parking shall have particular regard to any overspill of carparking from the school to the neighbouring residential area of The Landing.

Ecological and Arboriculture

5. That within Area C as shown on the concept plan attached to this designation, there shall be no removal of

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any tree unless such a tree is dead, suffering from an untreatable disease which has caused or will cause a significant decline in its health, or is causing significant risk to people or property. A tree shall be deemed to be within Area C if more than 50% of the trunk is located within this area. No buildings shall be erected within Area C. For the purposes of this condition, the term 'building' means any permanent structure exceeding 0.5m in height. Minor structures associated with the use of tracks such as steps, boardwalks and directional/educational signage not exceeding 0.5m in height shall be allowed under this condition, provided that such works are undertaken in a manner that does not detrimentally affect the health of any trees.

6. The Requiring Authority shall undertake the establishment of 5ha revegetation plantings to off-set the loss of vegetation. This may include new areas of planting and/or enrichment planting of existing planted areas that would benefit from increased planting density. Such planting will be undertaken within the Lucas Creek catchment and, where proposed on reserve land, will meet the approval of [the appropriate Council officer]. In recognition that suitable planting locations may be owned by a third Party (e.g. reserve land administered by the Auckland Council), a cash contribution offered to the Auckland Council equivalent to the actual cost of undertaking the necessary plantings (on a pro rata basis for any area less than 5ha) shall be deemed to satisfy this condition should the Requiring Authority be unable to reasonably undertake the required planting due to permissions being declined by third parties for suitable locations within the Lucas Creek Catchment. The Requiring Authority shall be required to show it has taken all reasonable steps in trying to secure access to suitable locations for planting before offering any cash contribution in lieu of works to the Auckland Council.

7. The Requiring Authority shall undertake restoration plantings within the cleared tracks within the bush area that were created in order to facilitate the geo-tech investigations (although only where these plantings are outside the footprint of the school buildings sports fields and school operational areas) with the exception of retaining a fire egress track as indicated on the concept plan submitted with the designation which may potentially be required depending on the final design solution adopted.

8. The Requiring Authority shall undertake, dense planting of the edges of the remaining bush with pioneer "edge" type species in order to protect any remaining 'interior' habitats and communities from edge effects.

9. The Requiring Authority shall undertake the planting of tree species that would be attractive to birds along the frontage between the school and Albany Highway (e.g. Puriri and Kowhai), in order to maximise the "invitation area" on the school side of the Oteha Stream wildlife corridor.

10. A comprehensive salvage operation is to be undertaken with regard to lizards (both skinks and geckos) prior to the commencement of any vegetation removal. The methods to be employed in this salvage operation will need to be prepared by a suitably qualified and experienced herpetologist, as will the actual salvage operation itself.

11. The Requiring Authority shall undertake the preparation of a combined Landscape Mitigation, Tree Protection and Ecological Management Plan (LMTPEMP) prepared by suitably qualified and experienced landscape architect, arborist and ecologists, which shall be submitted to the Auckland Council as part of the first Outline Plan of Works. This Plan(s) shall demonstrate achievement of conditions 11 -16 inclusive. It shall have regard to:

- a. The Freshwater Ecological Values Report from SKM dated October 2007;
- b. The evidence of Mr Craig Douglas Bishop report in the matter of the Resource Management Act 1991 and in the matter of a notice of requirements by the Minister of Education regarding the Albany Senior High School dated September 2007; and
- c. The Peer Review of Assessment of Ecological Effects report prepared by Boffa Miskell dated October 2007.

12. The LMTPEMP will include:

- a. Details of how the significant trees on the site which are in close proximity to proposed development are to

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be protected from damage or accidental spillage during the construction panned and supplied with adequate air and water to their root zones. This should include on monitoring of water quality and quantity to ensure changes in available soil moisture levels around the trees are minimized and irrigation undertaken if necessary. These trees are identified in the Arborlab Report (25 September 2006) as trees 6, 7, 8, 10, 11, 12 and 12a (herein referred to as 'Significant Trees') and the group of trees scheduled under the North Shore section of the District Plan as identified in the District Plan as No. 94 and identified in the Arborlab Report as T22 (1 x Kauri), T23 (1 x Rimu) and T24 (1 x Totara).

b. A report from a qualified Arborist attesting to the effects of the proposed works on these trees will be submitted to Auckland Council for assessment prior to works commencing.

c. A requirement that no site works or hard surfacing shall occurring within 10m of the centre of any Scheduled Trees on sites identified in the District Plan as at 1 June 2007 as No. 94 and identified in the Arborlab Report submitted with the notice of requirement as T22 (1 x Kauri), T23 (1 x Rimu) and T24 (1 x Totara), provided that minor low impact works within this area may occur with the express written permission of the Council,

d. A requirement that no site works shall occur that have a detrimental effect on any trees or vegetation on neighbouring properties, without their owners and the Auckland Council's express written permission and mitigation to the approval of Auckland Council.

e. A schedule of the species, number of plants and sizes at time of planting for both revegetation areas and amenity planting.

f. A landscape plan shall include a date for implementation of the planting which shall be prior to the end of the planting season (May to September) following the completion of site works. The planting must be maintained in perpetuity on the site being used for education purposes.

g. An implementation and maintenance programme, including a weed management plan for the site (detailing a minimum of three (3) years following initial planting). The plan shall include details or target weed species (actual and likely), methods of eradication, DAA-004682-94-43-V5 ground preparation for the replanting, replacement species types, replacement plant numbers and replacement plant sizes (at the time of planting).

h. The means by which twice-annual weed and animal pest/predator monitoring will be undertaken, and the means by which the result will trigger appropriate control activities.

i. The means by which students will be encouraged to participate in the care of this bush, with particular regard to formal educational opportunities and the school curriculum.

j. The means by which student access into the bush area will be controlled.

13. All stormwater, wastewater and stream alteration plans shall be prepared in consultation with the Auckland Council Arborist and a suitably qualified Arborist for the Minister of Education and final plans shall not have any significant detrimental effects on the significantly Scheduled Trees.

14. The war memorial plinth located between the trees identified in Condition 19 above shall be retained in its existing position as at 1 June 2007.

15. The stone bollards adjacent to the road frontage that were erected as a World War II memorial to past pupils shall be retained on site, but may be relocated from their existing positions.

16. The Old Albany School Building scheduled as a building of heritage significance in the District Plan as at 1 June 2007 may be relocated within the designation as part of any school development, but may not be demolished or removed from the site (except that it may be temporarily removed from the site during construction of the school for the purposes of protection from construction activity and/restoration). The details of how this building will be reinstated shall be detailed in any Outline Plan of Works involving relocation of this building. This condition shall only apply to the core of the building as it stood in October 1938, and not the more recent additions.

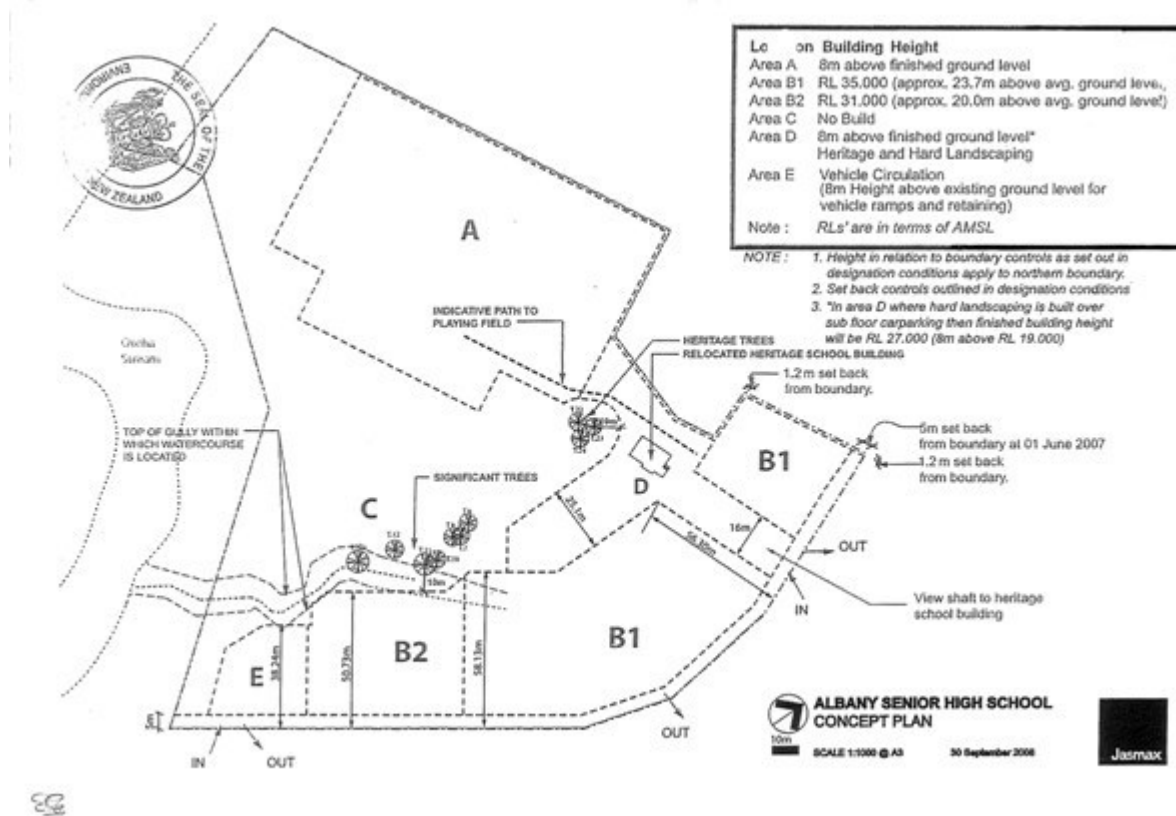
17. A minimum of one parking space for every 10 pupils aged 16 or over, plus one for every employee shall be provided on-site, to a maximum of 300 spaces. For the avoidance of doubt, these parking spaces shall include

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temporary spaces for drop off and pick up of students.

Attachments

Albany Senior High School Concept Plan



4503 Bayview School

Designation Number	4503
Requiring Authority	Minister of Education
Location	60 Bayview Road, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 33, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

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4504 Bayswater School

Designation Number	4504
Requiring Authority	Minister of Education
Location	181 Bayswater Avenue, Bayswater
Rollover Designation	Yes
Legacy Reference	Designation 53, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4505 Beach Haven School

Designation Number	4505
Requiring Authority	Minister of Education
Location	50 Tramway Road, Beach Haven
Rollover Designation	Yes
Legacy Reference	Designation 20, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4506 Belmont Intermediate

Designation Number	4506
Requiring Authority	Minister of Education
Location	188 Lake Road, Takapuna

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Rollover Designation	Yes
Legacy Reference	Designation 52, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4507 Belmont School

Designation Number	4507
Requiring Authority	Minister of Education
Location	3A Harrison Avenue, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 56, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to and no lapse date

Purpose

Educational purposes - intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4508 Birkdale Intermediate

Designation Number	4508
Requiring Authority	Minister of Education
Location	182 Birkdale Road, Birkdale
Rollover Designation	Yes
Legacy Reference	Designation 22, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4509 Birkdale North School

Designation Number	4509
Requiring Authority	Minister of Education
Location	213 Birkdale Road, Birkdale
Rollover Designation	Yes
Legacy Reference	Designation 21, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4510 Birkdale Primary School

Designation Number	4510
Requiring Authority	Minister of Education
Location	10 Salisbury Road, Birkdale
Rollover Designation	Yes
Legacy Reference	Designation 24, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments.

4511 Birkenhead College

Designation Number	4511
Requiring Authority	Minister of Education
Location	140 Birkdale Road, Birkdale
Rollover Designation	Yes
Legacy Reference	Designation 23, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4512 Birkenhead School

Designation Number	4512
Requiring Authority	Minister of Education
Location	77 Mokoia Road, Birkenhead
Rollover Designation	Yes
Legacy Reference	Designation 19, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4513 Browns Bay School

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Designation Number	4513
Requiring Authority	Minister of Education
Location	40 Browns Bay Road, Rothesay Bay
Rollover Designation	Yes
Legacy Reference	Designation 14, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4514 Campbells Bay School

Designation Number	4514
Requiring Authority	Minister of Education
Location	77 Aberdeen Road, Castor Bay
Rollover Designation	Yes
Legacy Reference	Designation 40, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4515 Chelsea School

Designation Number	4515
Requiring Authority	Minister of Education
Location	2-6 Onetaunga Road, Birkenhead
Rollover Designation	Yes

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Legacy Reference	Designation 26, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4516 Devonport School

Designation Number	4516
Requiring Authority	Minister of Education
Location	18 Kerr Street, Devonport
Rollover Designation	Yes
Legacy Reference	Designation 8, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4517 Forrest Hill School

Designation Number	4517
Requiring Authority	Minister of Education
Location	48 Forrest Hill Road, Forrest Hill
Rollover Designation	Yes
Legacy Reference	Designation 41, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4518 Glamorgan School

Designation Number	4518
Requiring Authority	Minister of Education
Location	145 Glamorgan Drive, Torbay
Rollover Designation	Yes
Legacy Reference	Designation 10, Auckland Council District Plan (North Shore) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4519 Glenfield College

Designation Number	4519
Requiring Authority	Minister of Education
Location	52 Kaipatiki Road, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 48, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

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No attachments.

4520 Glenfield Intermediate

Designation Number	4520
Requiring Authority	Minister of Education
Location	138 Chivalry Road, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 35, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4521 Glenfield Primary School

Designation Number	4521
Requiring Authority	Minister of Education
Location	83A Chivalry Road, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 44, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4522 Greenhithe School

Designation Number	4522
Requiring Authority	Minister of Education

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Location	9 Isobel Road, Greenhithe Road, Greenhithe
Rollover Designation	Yes
Legacy Reference	Designation 31, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4523 Hauraki School

Designation Number	4523
Requiring Authority	Minister of Education
Location	82 Jutland Road, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 51, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4524 Kauri Park School

Designation Number	4524
Requiring Authority	Minister of Education
Location	16 McGlashan Place, Beach Haven
Rollover Designation	Yes
Legacy Reference	Designation 25, Auckland Council District Plan (North Shore Section) 2002

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4525 TKKM o Te Raki Paewhenua

Designation Number	4525
Requiring Authority	Minister of Education
Location	7 Ceres Court, Rosedale
Rollover Designation	Yes
Legacy Reference	Designation 182, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - kura kaupapa Māori (years 0 - 13) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The roll of the school shall not exceed 290 inclusive of 40 pupils at the Kohanga Reo.
2. The development of the site and buildings shall comply with the following development controls:
 - a. Landscaping Requirements to include a combination of trees, shrubs and plants along with grassed areas associated with and surrounding the playing fields — Minimum of 30%.
3. Parking provision: All car parking, car loading and bus loading spaces shall be located on site and shall meet the following standards:
 - a. Four car parks, inclusive of two disabled spaces, plus one additional car parking space for every 10 pre-school or school pupils, and one additional drop-off/loading space for every 20 pre-school or school pupils.
 - b. All parking spaces, access ways and manoeuvring areas shall be formed and finished with a dust free surface, drained and marked out.
4. The Requiring Authority shall, either directly or through the School Board of Trustees, shall:
 - a. Monitor school related traffic in the vicinity of the school; and
 - b. Resource, develop, review and action an agreed Travel Management Plan for the school to Councils satisfaction to mitigate real and potential adverse traffic effects as and when the school becomes operational.

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5. That all activities taking place at the school comply with the following noise levels measured at the boundary of other properties and shall apply all hours of the day, every day of the week:

- a. All Properties zoned Business 1 to 8 65 dBA L10; or
- b. All Properties zoned Business 9 & 10 70 dBA L10.

This provision shall not apply in respect of the noise generated from children's voices outside between 0800 hrs and 1800 hrs on any school day.

6. The proposed Kohanga Reo and Composite School shall, to the extent practicable, incorporate the following building design and landscaping principles:

a. The development of the site and buildings shall: DAA-004682-94-43-V5:

- i. Respond to the visual character and quality of their surrounds in terms of materials, building form and detailing and in particular where buildings open onto or incorporate access points onto, paths and roads;
- ii. Respond to the visual amenity of surrounding areas by limiting the extent to which glare from the use of outdoor lighting, lit architectural features, and reflective surfaces adversely impacts on the comfort of people or degrades the level of visual amenity, including any adverse effects on the night time sky environment;
- iii. Allow for passive surveillance of the street for the maintenance of personal safety in public spaces;
- iv. Seek to break down large building facades in scale to provide visual interest when viewed from the street and any public area;
- v. Seek to define the street edge or building setback;
- vi. Seek to assist the observer to understand its various parts and understand its function, and in particular the clear definition and convenient location of various entry points;
- vii. Screen lift plant and other mechanical plant located on top of buildings with architectural features or locate them in the roof;
- viii. Make use of the site layout, screening, and sound damping material to mitigate any adverse effects of noise nuisance on neighbouring activities.

b. The landscaping shall enhance and/or complement the proposed school campus and street scene, and in particular:

- i. Use tree planting to break up parking areas and reinforce the understanding of the parking layout;
- ii. Make use of landscape features to define the street edge;
- iii. Make use of landscape planting to break-up and or soften the appearance of large or bulky buildings; and
- iv. Provide landscaping around all playing fields.

c. The site development shall ensure pedestrian amenity, safety and convenience by:

- i. Facilitating pedestrian linkages and access to adjacent streets and public open spaces;
- ii. Ensuring that pedestrian routes are direct and easily defined;
- iii. Ensuring sufficient segregation of pedestrian access from vehicle carriageways;
- iv. Providing adequate and appropriate pedestrian shelter; and
- v. Ensuring that pedestrian ways meet the needs for access of people with sight and mobility impairments.

d. The site layout - for vehicle access, circulation, parking and the provision for service vehicles shall avoid adverse effects on any road or adjacent site, and in particular ensure:

- i. That the internal circulation of the parking areas is designed for the safe and efficient movement of vehicles on and off the site, through an easily comprehended layout;
- ii. The provision of adequate sight lines and appropriate surface markings and signs; and
- iii. That parking areas are constructed to a high standard of visual amenity, with low maintenance all weather materials, adequate drainage and landscape planting. The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4526 Long Bay College

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Designation Number	4526
Requiring Authority	Minister of Education
Location	30 Ashley Avenue, Torbay
Rollover Designation	Yes
Legacy Reference	Designation 28, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4527 Long Bay School

Designation Number	4527
Requiring Authority	Minister of Education
Location	27 Ralph Eagles Place, Torbay
Rollover Designation	Yes
Legacy Reference	Designation 27, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4528 Mairangi Bay School

Designation Number	4528
Requiring Authority	Minister of Education
Location	13 Agathis Avenue, Mairangi Bay
Rollover Designation	Yes

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Legacy Reference	Designation 18, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4529 Manuka Primary School

Designation Number	4529
Requiring Authority	Minister of Education
Location	34 Manuka Road, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 34, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4530 Marlborough School

Designation Number	4530
Requiring Authority	Minister of Education
Location	4 Wykeham Place, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 45, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4531 Milford School

Designation Number	4531
Requiring Authority	Minister of Education
Location	34 Shakespeare Road, Milford
Rollover Designation	Yes
Legacy Reference	Designation 43, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4532 Murrays Bay Intermediate

Designation Number	4532
Requiring Authority	Minister of Education
Location	37 Sunrise Avenue, Murrays Bay
Rollover Designation	Yes
Legacy Reference	Designation 16, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments.

4533 Northcote College

Designation Number	4533
Requiring Authority	Minister of Education
Location	1 Kauri Glen Road, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 6, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4534 Northcote Intermediate

Designation Number	4534
Requiring Authority	Minister of Education
Location	145-157 Lake Road, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 4, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4535 Northcote School

Designation Number	4535
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Requiring Authority	Minister of Education
Location	69 Onewa Road, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 5, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4536 Northcross Intermediate

Designation Number	4536
Requiring Authority	Minister of Education
Location	14 Sartors Avenue, Northcross
Rollover Designation	Yes
Legacy Reference	Designation 12, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4537 Onepoto School

Designation Number	4537
Requiring Authority	Minister of Education
Location	31 Fraser Avenue, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 3, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4538 Upper Harbour Primary School

Designation Number	4538
Requiring Authority	Minister of Education
Location	140 Kyle Road, Greenhithe
Rollover Designation	Yes
Legacy Reference	Designation 168, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4539 Oteha Valley School

Designation Number	4539
Requiring Authority	Minister of Education
Location	126 Oteha Valley Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 158, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4540 Pinehill School

Designation Number	4540
Requiring Authority	Minister of Education
Location	50 Spencer Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 57, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. That the stand of trees located in the north-eastern corner of the site be retained unless removal of one or more of these trees is necessary to avoid injury to persons or damage to property, where there shall be replanting within six months of removal, and that Council's consent be sought prior to the removal of any tree or trees.

Attachments

No attachments.

4542 Rangitoto College

Designation Number	4542
Requiring Authority	Minister of Education
Location	564 East Coast Road, Windsor Park
Rollover Designation	Yes
Legacy Reference	Designation 15, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

4543 Ridgeview School

Designation Number	4543
Requiring Authority	Minister of Education
Location	600 Paremoremo Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 30, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4544 Sherwood School

Designation Number	4544
Requiring Authority	Minister of Education
Location	40 Sartors Avenue, Northcross
Rollover Designation	Yes
Legacy Reference	Designation 13, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4545 Stanley Bay School

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Designation Number	4545
Requiring Authority	Minister of Education
Location	15 Russell Street, Stanley Point
Rollover Designation	Yes
Legacy Reference	Designation 9, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4546 Sunnybrae Normal School

Designation Number	4546
Requiring Authority	Minister of Education
Location	36 Sunnybrae Road, Hillcrest
Rollover Designation	Yes
Legacy Reference	Designation 1, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4547 Sunnynook School

Designation Number	4547
Requiring Authority	Minister of Education
Location	35 Lyford Crescent, Sunnynook
Rollover Designation	Yes
Legacy Reference	Designation 36, Auckland Council District Plan (North Shore Section) 2002

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4548 Takapuna Grammar School

Designation Number	4548
Requiring Authority	Minister of Education
Location	210 Lake Road, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 54, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4549 Takapuna Normal Intermediate

Designation Number	4549
Requiring Authority	Minister of Education
Location	40 Northcote Road, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 49, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4550 Takapuna School

Designation Number	4550
Requiring Authority	Minister of Education
Location	23 Auburn Street, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 55, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4551 Target Road School

Designation Number	4551
Requiring Authority	Minister of Education
Location	84 Target Road, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 38, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

4552 Torbay School

Designation Number	4552
Requiring Authority	Minister of Education
Location	56 Deep Creek Road, Torbay
Rollover Designation	Yes
Legacy Reference	Designation 11, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4553 Vauxhall School

Designation Number	4553
Requiring Authority	Minister of Education
Location	2A Morrison Avenue, Narrow Neck
Rollover Designation	Yes
Legacy Reference	Designation 7, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4554 Verran Primary School

Designation Number	4554
Requiring Authority	Minister of Education
Location	136 Verran Road, Birkenhead

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Rollover Designation	Yes
Legacy Reference	Designation 46, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4555 Wairau Intermediate

Designation Number	4555
Requiring Authority	Minister of Education
Location	113 Becroft Drive, Forrest Hill
Rollover Designation	Yes
Legacy Reference	Designation 37, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4556 Wairau Valley School

Designation Number	4556
Requiring Authority	Minister of Education
Location	138 Chivalry Road, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 39, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4557 Westlake Boys' High School

Designation Number	4557
Requiring Authority	Minister of Education
Location	30 Forrest Hill Road, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 42, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4558 Westlake Girls' High School

Designation Number	4558
Requiring Authority	Minister of Education
Location	2 Wairau Road, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 50, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4559 Willow Park School

Designation Number	4559
Requiring Authority	Minister of Education
Location	13-17 Compton Street, Hillcrest
Rollover Designation	Yes
Legacy Reference	Designation 2, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4560 Windy Ridge School

Designation Number	4560
Requiring Authority	Minister of Education
Location	54 Seaview Road, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 47, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4561 Ahuroa School

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	4561
Requiring Authority	Minister of Education
Location	1349 Ahuroa Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 313, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4562 Coatesville School

Designation Number	4562
Requiring Authority	Minister of Education
Location	24 Mahoenui Valley Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 331, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4563 Dairy Flat School

Designation Number	4563
Requiring Authority	Minister of Education
Location	1220 Dairy Flat Highway, Dairy Flat
Rollover Designation	Yes
Legacy Reference	Designation 329, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4564 Gulf Harbour School

Designation Number	4564
Requiring Authority	Minister of Education
Location	65 Alec Craig Way, Whangaparaoa
Rollover Designation	Yes
Legacy Reference	Designation 325, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4565 Helensville School

Designation Number	4565
Requiring Authority	Minister of Education
Location	29 Rata Street, Helensville
Rollover Designation	Yes
Legacy Reference	Designation 327, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

4566 Huapai District School

Designation Number	4566
Requiring Authority	Minister of Education
Location	40 Station Road, Huapai
Rollover Designation	Yes
Legacy Reference	Designation 333, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4567 Kaipara College

Designation Number	4567
Requiring Authority	Minister of Education
Location	36 Rautawhiri Road, Helensville
Rollover Designation	Yes
Legacy Reference	Designation 328, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4568 Kaipara Flats School

Designation Number	4568
Requiring Authority	Minister of Education

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	12 School Road, Kaipara Flats
Rollover Designation	Yes
Legacy Reference	Designation 309, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4569 Kaukapakapa School

Designation Number	4569
Requiring Authority	Minister of Education
Location	979 Kaipara Coast Highway, Kaukapakapa
Rollover Designation	Yes
Legacy Reference	Designation 319, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4570 Leigh School

Designation Number	4570
Requiring Authority	Minister of Education
Location	26 Hauraki Road, Leigh
Rollover Designation	Yes
Legacy Reference	Designation 305, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4571 Mahurangi College

Designation Number	4571
Requiring Authority	Minister of Education
Location	2-30 Woodcocks Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 310, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4572 Matakana School

Designation Number	4572
Requiring Authority	Minister of Education
Location	952 Matakana Road, Matakana
Rollover Designation	Yes
Legacy Reference	Designation 307, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

4573 Orewa North School

Designation Number	4573
Requiring Authority	Minister of Education
Location	280 Centreway Road, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 317, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4574 Orewa Primary, Orewa College and Orewa Training Centre

Designation Number	4574
Requiring Authority	Minister of Education
Location	80 Riverside Road, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 316, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8), secondary school (years 7 - 13) and educational purposes.

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4575 Orewa West Primary School

Designation Number	4575
Requiring Authority	Minister of Education
Location	86 Maire Road, Orewa

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Rollover Designation	Yes
Legacy Reference	Designation 336, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The area of vegetation shown as "Retain Bush in this Area" on the GHD Limited Drawing 57-1-17261-02-02 Revision A (dated 11/03) is to be retained.

Attachments

No attachments.

4576 Pakiri School

Designation Number	4576
Requiring Authority	Minister of Education
Location	4 Bathgate Road, RD 2 Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 302, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4577 Parakai School

Designation Number	4577
Requiring Authority	Minister of Education
Location	10 Fordyce Road, Helensville
Rollover Designation	Yes
Legacy Reference	Designation 326, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4578 Red Beach School

Designation Number	4578
Requiring Authority	Minister of Education
Location	20 Albert Hall Drive, Whangaparaoa
Rollover Designation	Yes
Legacy Reference	Designation 318, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4579 Riverhead School

Designation Number	4579
Requiring Authority	Minister of Education
Location	19 School Road, State Highway 18, Riverhead
Rollover Designation	Yes
Legacy Reference	Designation 334, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

4580 Rodney College

Designation Number	4580
Requiring Authority	Minister of Education
Location	287 & 287A Rodney Street, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 304, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4581 Silverdale School

Designation Number	4581
Requiring Authority	Minister of Education
Location	2 Longmore Lane, Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 337, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4582 Snells Beach Primary School

Designation Number	4582
Requiring Authority	Minister of Education

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	62 Dawson Road, Snells Beach
Rollover Designation	Yes
Legacy Reference	Designation 312, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4583 Whangaparaoa Campus

Designation Number	4583
Requiring Authority	Minister of Education
Location	28 Bonita Avenue, Stanmore Bay
Rollover Designation	Yes
Legacy Reference	Designation 323, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8), intermediate school (years 7 - 8) and secondary school (years 7 - 13) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4584 Stanmore Bay School

Designation Number	4584
Requiring Authority	Minister of Education
Location	30 and 36 Waiora Road, Whangaparaoa
Rollover Designation	Yes
Legacy Reference	Designation 322, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4585 Tapora School

Designation Number	4585
Requiring Authority	Minister of Education
Location	1 Okahukura Road, Tapora
Rollover Designation	Yes
Legacy Reference	Designation 306, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4586 Tauhoa School

Designation Number	4586
Requiring Authority	Minister of Education
Location	15 Tauhoa Road RD 4 Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 308, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

4587 Taupaki School

Designation Number	4587
Requiring Authority	Minister of Education
Location	14 Cottle Road, Taupaki
Rollover Designation	Yes
Legacy Reference	Designation 335, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4588 Tomarata School

Designation Number	4588
Requiring Authority	Minister of Education
Location	8 Pakiri Block Road, RD 4 Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 301, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4589 Waimauku School

Designation Number	4589
Requiring Authority	Minister of Education
Location	2 Muriwai Road, Waimauku

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Rollover Designation	Yes
Legacy Reference	Designation 322, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4590 Wainui School

Designation Number	4590
Requiring Authority	Minister of Education
Location	494 Waitoki Road, Kaukapakapa
Rollover Designation	Yes
Legacy Reference	Designation 315, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4591 Waioneke School

Designation Number	4591
Requiring Authority	Minister of Education
Location	1981 South Head Road, Waioneke
Rollover Designation	Yes
Legacy Reference	Designation 314, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4592 Waitoki School

Designation Number	4592
Requiring Authority	Minister of Education
Location	1119 Kahikatea Flat Road, Waitoki
Rollover Designation	Yes
Legacy Reference	Designation 320, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4593 Warkworth School

Designation Number	4593
Requiring Authority	Minister of Education
Location	34A & 35 Hill Street, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 311, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

4594 Wellsford School

Designation Number	4594
Requiring Authority	Minister of Education
Location	47 School Road, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 303, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4595 Whangaparaoa School

Designation Number	4595
Requiring Authority	Minister of Education
Location	39 Ladies Mile, Whangaparaoa
Rollover Designation	Yes
Legacy Reference	Designation 324, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4596 Woodhill School

Designation Number	4596
Requiring Authority	Minister of Education
Location	1541 State Highway 16, Woodhill
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation 330, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4597 Arahoe School

Designation Number	4597
Requiring Authority	Minister of Education
Location	11 Arahoe Road, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation ME1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4598 Arohanui Special School

Designation Number	4598
Requiring Authority	Minister of Education
Location	82 Tirimoana Road, Te Atatu South
Rollover Designation	Yes
Legacy Reference	Designation ME2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Educational purposes - special school (years 0-13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4599 Birdwood School

Designation Number	4599
Requiring Authority	Minister of Education
Location	23 Karepo Crescent, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4600 Bruce McLaren Intermediate

Designation Number	4600
Requiring Authority	Minister of Education
Location	61 Bruce McLaren Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments.

4601 Colwill School

Designation Number	4601
Requiring Authority	Minister of Education
Location	7A Kintara Drive, Royal Heights
Rollover Designation	Yes
Legacy Reference	Designation ME5, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4602 Don Buck School

Designation Number	4602
Requiring Authority	Minister of Education
Location	124 Don Buck Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME6, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4603 Edmonton School

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Designation Number	4603
Requiring Authority	Minister of Education
Location	1-29 School Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME7, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4604 Flanshaw Road School

Designation Number	4604
Requiring Authority	Minister of Education
Location	51-61 Flanshaw Road, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation ME8, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4605 Freyberg Memorial School

Designation Number	4605
Requiring Authority	Minister of Education
Location	60 Roberts Road, Te Atatu
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation ME9, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4606 Fruitvale Road School

Designation Number	4606
Requiring Authority	Minister of Education
Location	9 Croydon Road, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation ME10, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4607 Glen Eden Intermediate

Designation Number	4607
Requiring Authority	Minister of Education
Location	23 Kaurilands Road, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation ME11, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4608 Glen Eden School

Designation Number	4608
Requiring Authority	Minister of Education
Location	3 Glenview Road, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation ME38, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4609 Glendene School

Designation Number	4609
Requiring Authority	Minister of Education
Location	60 Barrys Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME12, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments.

4610 Green Bay Primary School

Designation Number	4610
Requiring Authority	Minister of Education
Location	161 Godley Road, Green Bay
Rollover Designation	Yes
Legacy Reference	Designation ME14, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4611 Green Bay High School

Designation Number	4611
Requiring Authority	Minister of Education
Location	131 Godley Road, Green Bay
Rollover Designation	Yes
Legacy Reference	Designation ME13, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4612 Henderson High School

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Designation Number	4612
Requiring Authority	Minister of Education
Location	19 Henderson Valley Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME15, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4613 Henderson Intermediate

Designation Number	4613
Requiring Authority	Minister of Education
Location	70 Lincoln Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME16, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4614 Henderson North School

Designation Number	4614
Requiring Authority	Minister of Education
Location	14 Norval Road, Henderson
Rollover Designation	Yes

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Legacy Reference	Designation ME17, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4615 Henderson School

Designation Number	4615
Requiring Authority	Minister of Education
Location	11A Montel Avenue, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME18, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4616 Henderson South School

Designation Number	4616
Requiring Authority	Minister of Education
Location	24 Garelja Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME39, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4617 Henderson Valley School

Designation Number	4617
Requiring Authority	Minister of Education
Location	389 Henderson Valley Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME19, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4618 Hobsonville School

Designation Number	4618
Requiring Authority	Minister of Education
Location	104A Hobsonville Road, Hobsonville
Rollover Designation	Yes
Legacy Reference	Designation ME20, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments.

4619 Kaurilands School

Designation Number	4619
Requiring Authority	Minister of Education
Location	109 Atkinson Road, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation ME21, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4620 Kelston Boys' High School

Designation Number	4620
Requiring Authority	Minister of Education
Location	78-86 Archibald Road, Kelston
Rollover Designation	Yes
Legacy Reference	Designation ME22, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments

4621 Kelston Intermediate, St Leonards Road School

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Designation Number	4621
Requiring Authority	Minister of Education
Location	12B Vanguard Road, Kelston
Rollover Designation	Yes
Legacy Reference	Designation ME23, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4622 Kelston Primary School, Kelston Girls' College, Kelston Deaf Education Centre

Designation Number	4622
Requiring Authority	Minister of Education
Location	3 Archibald Road, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation ME24, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8), secondary school (years 7 - 13), special school (years 0 - 13) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4623 Konini School

Designation Number	4623
Requiring Authority	Minister of Education
Location	73 Withers Road, Glen Eden

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Rollover Designation	Yes
Legacy Reference	Designation ME25, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4624 Laingholm School

Designation Number	4624
Requiring Authority	Minister of Education
Location	54 Victory Road, Laingholm
Rollover Designation	Yes
Legacy Reference	Designation ME26, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4625 Lincoln Heights School

Designation Number	4625
Requiring Authority	Minister of Education
Location	16 Keegan Drive, Massey
Rollover Designation	Yes
Legacy Reference	Designation ME27, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4626 Marina View School

Designation Number	4626
Requiring Authority	Minister of Education
Location	97 Marina View Drive, Hobsonville
Rollover Designation	Yes
Legacy Reference	Designation ME28, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4627 Massey High School

Designation Number	4627
Requiring Authority	Minister of Education
Location	274 Don Buck Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation ME29, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

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The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4628 Massey Primary School

Designation Number	4628
Requiring Authority	Minister of Education
Location	326 Don Buck Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME30, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4629 Matipo Road School

Designation Number	4629
Requiring Authority	Minister of Education
Location	63A Matipo Road, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation ME31, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

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4630 New Lynn School

Designation Number	4630
Requiring Authority	Minister of Education
Location	1 Hutchinson Avenue, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation ME32, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4631 Oaklynn Special School

Designation Number	4631
Requiring Authority	Minister of Education
Location	20 Mayville Avenue, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation ME33, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - special school (years 0 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4632 Oratia School

Designation Number	4632
Requiring Authority	Minister of Education

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Location	552 West Coast Rd, Oratia
Rollover Designation	Yes
Legacy Reference	Designation ME34, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4633 Piha School

Designation Number	4633
Requiring Authority	Minister of Education
Location	Garden Road, Piha
Rollover Designation	Yes
Legacy Reference	Designation ME35, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4634 Pomaria Road School

Designation Number	4634
Requiring Authority	Minister of Education
Location	33A Pomaria Road, Henderson
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation ME36, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Description

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4635 Hobsonville Point Primary School

Designation Number	4635
Requiring Authority	Minister of Education
Location	Buckley Avenue, Hobsonville
Rollover Designation	Yes
Legacy Reference	Designation ME61, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The designation shall lapse on the expiry of 15 years from the date on which it is included in the District Plan if it has not been given effect to before the end of that period.

2. The requiring authority shall, either directly or through the School Board of Trustees:

- i. Monitor school related vehicle traffic in the vicinity of the school once a year for a period of 3 years following the opening of the school.
- ii. Resource, develop, review and action a Travel Plan which:
 - a. Sets the goals of the school with respect to sustainable travel modes and to mitigate real and potential adverse traffic effects;
 - b. Seeks to minimise the provision of on-site car parking;
 - c. Facilitates the integration of the school with the surrounding transport network (including issues of pedestrian and cyclist permeability into the site);
 - d. Is maintained and updated annually while the school is operating under this designation.

This Travel Plan shall be developed in consultation with Auckland Council and Auckland Transport or their successors and shall be reviewed at the time of submitting each Outline Plan of Works relating to increased capacity.

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3. The proposed development shall be subject to the following conditions regarding traffic and parking:
- For the primary school parking shall be provided on a staged basis at a rate of three parking spaces per two classrooms plus two per three staff members, unless the Travel Plan developed under Condition 2(ii) identifies that a lower level of parking provision can meet the demands for off street parking.
 - For the early childhood education centre car parking shall be provided on a staged basis at a rate of one per four child places per session.
 - Disabled and loading parking provisions shall be provided in accordance with the specifications provided in the Waitakere City Council - Code of Practice (or its equivalent document) and in accordance with the minimum requirements stipulated in the Auckland Regional Parking Strategy 2009.
 - The design and layout of group car-parking areas and if required bus/vehicle passenger pick up and drop off areas shall be developed in consultation with [the appropriate Council officer].

4. All activities taking place at the school shall comply with the following noise levels measured at the most exposed location at or within the boundary of properties zoned for residential purposes:

- 7.00am-7.00pm Monday-Saturday = L10 50dBA
- 7.00pm-10.00pm Monday-Saturday 7.00am-10.00pm Sundays & Public Holidays = L10 45dBA
- 10.00pm-7.00pm Other times = L10 40dBA, LMax 70dBA

This provision shall not apply in respect of the noise generated from normal outdoor school activities between 0800hrs and 1800hrs (excluding Sundays and public holidays). Sound will be measured in accordance with the requirements of NZS 6801: 1991 'Acoustics -Measurement of Sound' and assessed in accordance with requirements of NZS 6802:1991 'Assessment of Environmental Sound'.

5. In the event of archaeological evidence being uncovered (e.g. shell, middens, hangi or ovens, pit depressions, defensive ditched, artifactual material or human bones) work is to cease in the vicinity of the discovery, and an Archaeologist, Historic Places Trust and Auckland Council are to be contacted so that appropriate action can be taken before any work can recommence there.

6. All buildings and structures shall be designed in recognition of the matters listed in Condition (12) and shall comply with the following development controls:

Site Coverage

- Maximum building coverage: 35%;
- Maximum impermeable surface coverage: 40%;
- Maximum building height adjoining Hobsonville Point Road: 15.0 metres; and
- Maximum buildings adjoining Eastern Avenue and other local streets: 12.0 metres.

Height excludes goal posts associated with sporting activities; chimneys/flues, flag poles and aerials.

7. The Requiring Authority shall submit with the first Outline Plan of Works a detailed landscape plan in respect of the whole school site. This plan shall include the following details:

- Planting and landscape works along the Eastern Avenue boundary:
 - This shall comprise information regarding the location of planting, boundary treatments, the location of paths and vehicle crossings - and the approved plan must align with existing or proposed landscape treatment within or along Eastern Avenue; and
 - This is to be developed in consultation with [the appropriate Council officer];
- The location of existing and proposed buildings;
- The surrounding street context: show the adjacent streets, footpaths, the location of any pedestrian crossings, and bus stops;
- Contour information;
- Framework tree planting (species, grades and locations), and the location and planting (planting plans) for any garden areas, hedges;
- The articulation and identification of outdoor space, including outdoor play areas (both hard surfaces and

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grassed areas). Note: Outdoor space may be defined by a combination of buildings, trees, landform, fences/hedges or other feature;

g. Vehicle access and parking areas including cycle parks;

h. Entrances for cyclists and pedestrians; and

i. The location, style and height of fencing on exterior boundaries of the school which face roads or other public spaces.

8. A plan detailing how the historic heritage values of the former airforce runway will be recognised on the school site. The plan will be developed in consultation with the Historic Places Trust and Auckland Council or their successors and submitted with an Outline Plan of Work on the site.

9. The Requiring Authority shall submit with each subsequent Outline Plan of Works a landscape plan which demonstrates how the additions continue to contribute to the matters identified in conditions (7) and (8) above.

10. All subsequent Outline Plan of Works submitted by the Requiring Authority in respect of the school site shall be accompanied by a statement that records the extent to which the design reflects or departs from the detailed landscape plan approved in Condition (7) above.

11. Prior to the opening of the school, the Requiring Authority shall construct separate vehicle access points to the primary school and early childhood education centre. These vehicle access points are to be gained from Eastern Avenue, and a separate visitor/staff car park area and service/loading area may be gained off Road 14. The location and design specifications shall be developed in consultation with [the appropriate Council officer] prior to the submission of an Outline Plan of Works.

12. Each Outline Plan of Works for built form shall be accompanied with an urban design statement detailing how the design has been developed in response to the following design principles, where they are applicable:

a. The location of school buildings shall to the extent practicable contribute to the built form of any adjacent street with the placement of buildings with, and located as close as practicable, to adjacent street facing boundaries;

b. All buildings facing the street, open space, and on-site car parking areas shall interact with these spaces with openings such as doors and windows to provide passive surveillance;

c. The height of buildings at the intersection of Hobsonville Point Road and Eastern Avenue shall be maximised where possible, and shall be designed to address both street frontages;

d. Where fencing on road boundaries is required it shall be low height, permeable and recessive in colour and design; and

e. The school shall, to the extent practicable facilitate connectivity from the school site to the surrounding street and pedestrian networks.

13. Development of the site shall be undertaken in a way that recognises the principles of Low Impact Design stormwater management systems (as detailed in the relevant Integrated Catchment Management Plan) and incorporates measures to mitigate the impact of impervious surfaces and earthworks, utilising soils and vegetation to trap pollutants and reduce stormwater runoff. Details of the proposed Low Impact Design measures shall be submitted to the Council with the first and any subsequent Outline Plan of Works for development.

14. A sustainable water supply system shall be implemented. This shall include installing water re-use tanks for non-potable supply and the use of water efficient fixtures to minimise the amount of reticulated water supply required.

Attachments

No attachments.

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4636 Summerland Primary School

Designation Number	4636
Requiring Authority	Minister of Education
Location	62 Summerland Drive, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME59, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4637 Prospect School

Designation Number	4637
Requiring Authority	Minister of Education
Location	58 Rosier Road, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation ME37, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4638 Rangeview Intermediate

Designation Number	4638
Requiring Authority	Minister of Education
Location	19 Ozich Avenue, Te Atatu South

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Rollover Designation	Yes
Legacy Reference	Designation ME40, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4639 Ranui Campus

Designation Number	4639
Requiring Authority	Minister of Education
Location	92 Simpson Road, Ranui
Rollover Designation	Yes
Legacy Reference	Designation ME60, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8), kura kaupapa Māori (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The designation shall lapse on the expiry of 10 years from the date on which it is included in the District Plan if it has not been given effect to before the end of that period.
2. The total student roll of the two schools and early childhood education centre shall not exceed 770 students.
3. All buildings and structures shall comply with the following development controls:
 - a. The height of all buildings (excluding any goal posts associated with sporting activities) shall not exceed 8m except for assembly halls, recreational facilities, and cultural or performance facilities, which shall not exceed 10m.
4. The Requiring Authority, either directly or the School Board of Trustees, shall:
 - a. Monitor school related traffic in the vicinity of the schools once a year for a period of 5 years following the opening of each school;
 - b. Resource, develop, review and action a Travel Plan for the schools to set the standards and goals of the

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schools with respect to sustainable travel modes and to mitigate real and potential adverse traffic effects; and

c. Limit the provision of on-site public car parking to a minimum. This condition will be achieved by working in partnership with Auckland Council and Auckland Transport to ensure the integration of the school with the surrounding transport network, including issues of pedestrian and cyclist permeability to the site.

5. All development shall be undertaken in accordance with the Geotechnical Report prepared by Babbage Consultants Ltd titled "Ranui School for Ministry of Education Geo- Environmental Assessment Report", ref: 43329, dated November 2007, and the review of this report prepared by GHD Limited titled "Geotechnical Peer Review, Notice of Requirement for the Ministry of Education, New Schools at Ranui, Waitakere City", dated 4 March 2008.

6. The Requiring Authority shall provide written confirmation from a Chartered Professional Engineer (with experience in geotechnics, and familiarity with the report and report review detailed in Condition 11 above) that the recommendations contained within the report and report review detailed in Condition 11 have been fully satisfied.

7. Development of the site shall adhere to a Low Impact Design stormwater management system that minimises impervious surfaces and earthworks, utilise soils and vegetation to trap pollutants and reduce stormwater runoff.

Attachments

No attachments.

4640 Ranui School

Designation Number	4640
Requiring Authority	Minister of Education
Location	1/16A Ranui Station Road, Ranui
Rollover Designation	Yes
Legacy Reference	Designation ME41, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4641 Royal Road School

Designation Number	4641
Requiring Authority	Minister of Education
Location	112 Royal Road, Massey

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Rollover Designation	Yes
Legacy Reference	Designation ME42, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4642 Rutherford College

Designation Number	4642
Requiring Authority	Minister of Education
Location	18 Kotuku Street, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation ME43, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4643 Rutherford School

Designation Number	4643
Requiring Authority	Minister of Education
Location	7 Toru Street, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation ME44, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4644 Hobsonville Point Secondary School

Designation Number	4644
Requiring Authority	Minister of Education
Location	Boundary Road, Hobsonville
Rollover Designation	Yes
Legacy Reference	Designation ME62, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13) and may include early childhood education (preschool)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The designation shall lapse on the expiry of 15 years from the date on which it is included in the District Plan if it has not been given effect to before the end of that period.

2. All activities taking place at the school shall comply with the following noise levels measured at the most exposed location at or within the boundary of properties zoned for residential purposes:

- 7.00am-7.00pm Monday-Saturday = L10 50dBA;
- 7.00pm-10.00pm Monday-Saturday 7.00am-10.00pm Sundays & Public Holidays = L10 45dBA; and
- 10.00pm-7.00pm Other times = L10 40dBA, LMax 70dBA.

This provision shall not apply in respect of the noise generated from outdoor school activities between 0800hrs and 1800hrs (excluding Sundays and public holidays). Sound measured in accordance with the requirements of NZS 6801:1991 'Acoustics - Measurement of Sound' and assessed in accordance with the requirements of 'NZS 6802:1991 'Assessment of Environmental Sound'.

3. All buildings and structures shall be designed in recognition of the matters listed in Condition (4) (below) and shall comply with the following development controls:

- The principal facades of secondary school classrooms, administrative buildings and recreational facilities (e.g. halls, gymnasiums etc) shall have frontage to Hobsonville Point Road.
- The maximum height of all buildings (excluding goal posts associated with sporting activities,

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chimneys/flues, aerials, flagpoles and any other such plant) fronting Hobsonville Point Road or Squadron Drive shall not exceed 15.0 metres in height.

c. The maximum height of all buildings (excluding goal posts associated with sporting activities, chimneys/flues, aerials, flagpoles and any other such plant) with primary frontage to Western Avenue or Buckley Avenue shall not exceed 12.0 metres in height.

d. No buildings shall be constructed above or within 5.0 metres of the location of any future bulk public stormwater lines which traverse the site and connect to the Council stormwater pond to the north of the site. The 1 in 100 year overland flow path from the upstream catchment should be conveyed through the site within a constructed Overland Flow Path (OLFP) in this “no-build” zone.

e. The early childhood education centres shall have frontage to Western Avenue.

f. All buildings and structures shall comply with the following site coverage controls:

- i. Maximum building coverage: 35%; and
- ii. Maximum impermeable surface coverage: 40%.

4. Each Outline Plan of Works for built form shall be accompanied with an urban design statement detailing how the design has been developed in response to the following design principles, where they are applicable:

a. The location of school buildings, including the early childhood education centres, shall to the extent practicable contribute to the built form of any adjacent street with the placement of buildings aligned with, and located as close as practicable to adjacent street facing boundaries;

b. All buildings facing the street, open space/reserves, and on-site car parking areas shall interact with these spaces with openings such as doors and windows to provide passive surveillance;

c. Multi-storey buildings are the envisaged built form outcome as viewed from the street and sought for the Hobsonville Point Road and Squadron Drive frontages;

d. The height of buildings at the intersections of Hobsonville Point Road and either Squadron Drive or Western Avenue shall be maximised where possible, and the buildings shall be designed to address both street frontages;

e. Ensure that future school building development, including the early childhood education centres, shall provide a positive interface to the proposed adjoining residential land located at the corner of Western Avenue and Buckley Avenue;

f. Where fencing on road boundaries is required it shall be low height, permeable and recessive in colour and design; and

g. The school shall to the extent practicable, facilitate connectivity from the school site to the surrounding street and pedestrian networks. Pedestrian and cyclist access points to the school are encouraged to be provided from all street boundaries.

5. The Requiring Authority shall submit with the first Outline Plan of Works a school Design Concept Plan detailing staging and built form information including the following:

a. Detail on where taller height buildings will be located; and

b. A summary of the manner in which it is anticipated that the school development will change over time as it accommodates intensifying use.

6. The proposed development be subject to the following conditions regarding vehicle access:

a. Prior to the opening of the school, Western Avenue shall be formed, constructed and vested in Auckland Council;

b. Prior to the opening of the school, the Requiring Authority shall construct separate vehicle access points to the secondary school and early childhood education centres. These vehicle access points are to be gained from either Buckley Avenue or Western Avenue. The location and design specifications shall be developed in consultation with [the appropriate Council officer] prior to the submission of the first Outline Plan of Works;

c. Any proposals for a drop off facility or bus parking within the site and fronting Hobsonville Point Road shall be subject to the following:

i. A revised Integrated Transportation Assessment. This assessment shall be undertaken in consultation with Council's Transport Assets, Transport Strategy, Urban Design and Parks Planning Teams and be subsequently

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submitted with the first Outline Plan of Works; and

ii. The design of any bus drop off or parking facility shall be consistent with the design matters identified in Condition (4)(i) and (4)(ii) above.

7. The proposed development be subject to the following conditions regarding traffic and car parking:

a. On-site car parking spaces shall be provided on a staged basis as follows:

i. Staff car parking shall be provided at a rate of two spaces per three staff members;

ii. Student car parking shall be provided up to a rate of one space per ten pupils over 16 years of age; and

iii. For the early childhood education centres car parking spaces shall be provided at a rate of one per four child places in a day;

b. The above rates are to be reduced and on-site car parking minimised where the Approved Travel Plan prepared under Condition (8) below, identifies that there is a lesser demand;

c. Disabled and loading parking provisions shall be provided in accordance with the Waitakere City Council Code of Practice (or its equivalent document) and the Auckland Regional Parking Strategy; and

d. The design and layout of group car parking areas shall be developed in consultation with [the appropriate Council officer].

8. The Requiring Authority shall, directly or through the School Board of Trustees:

a. Monitor school related traffic in the vicinity of the school once a year for a period of 3 years following the opening of the school.

b. Resource, develop, review and action a Travel Plan which:

i. Sets the goals of the school with respect to sustainable travel modes and the mitigating real and potential adverse traffic effects;

ii. Seeks to limit the provision for on-site car parking to a minimum;

iii. Facilitates the integration of the school with the surrounding transport network (including issues of pedestrian and cyclist permeability to the site); and

iv. Is maintained and regularly updated while the school is operating under this designation.

This Plan shall be developed in consultation with Auckland Council and Auckland Transport and shall be reviewed at the time of submitting each Outline Plan of Works relating to increased capacity.

9. In the event of archaeological evidence being uncovered (e.g. shell, middens, hangi or ovens, pit depressions, defensive ditches, artifactual material or human bones) work is to cease in the vicinity of the discovery, and an Archaeologist, Historic Places Trust and the Auckland Council are to be contacted so that the appropriate action can be taken before any work may recommence there.

10. A plan detailing how the historic heritage values of the former airforce runway will be recognised on the school site. The plan will be developed in consultation with the Historic Places Trust and Auckland Council and shall be submitted with the first Outline Plan for work on the site.

11. The Requiring Authority shall submit with the first Outline Plan of Works application a Landscape Concept Plan. This plan shall be developed in consultation with [the appropriate Council officer] and must include the following:

a. The location of existing and proposed buildings within the site;

b. The surrounding street context - the adjacent streets footpaths, the location of any pedestrian crossings, and bus stops. Any landscape works proposed in the landscape plan must complement and be well integrated within the street context;

c. Contour information;

d. Framework tree planting (species, grades and locations), and the location and planting (planting plans) for any garden areas, hedges - the species and layout must complement and be well integrated with the landscape works (existing and proposed)

for the surrounding streetscapes;

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e. The articulation and identification of outdoor space - show outdoor play areas (both hard surfaces and grassed areas);

Note: Outdoor space may be defined by a combination of buildings, trees, landform, fences/hedges or other features;

f. Vehicle access and parking areas including cycle parks;

g. Entrances for cyclists and pedestrians; and

h. The location, style and height of fencing on exterior boundaries of the school which face roads or other public spaces.

12. To ensure that the proposed secondary school and early childhood education centres appropriately interface with the adjoining stormwater wetland, a detailed landscape plan shall be prepared and implemented by the Requiring Authority in relation to this interface. The landscape plan shall be prepared by the Requiring Authority in consultation with [the appropriate Council officer] for final review and comment prior to the submission of the first Outline Plan of Works.

13. The Requiring Authority shall with each Outline Plan of Works for school development:

a. Provide a landscape plan(s) which demonstrates how the development and/or additions continue to contribute to the matters identified in Conditions (10, (11) and (12) above; and

b. Implement the approved landscape plan(s) provided in response to Condition 13(i) as it relates to each Outline Plan of Works within the site.

14. Development of the site shall be undertaken in a way that recognises the principles of Low Impact Design stormwater management systems (as detailed in the relevant Integrated Catchment Management Plan) and incorporates measures to mitigate the impact of impervious surfaces and earthworks, utilising soils and vegetation to trap pollutants and reduce stormwater runoff. Details of the proposed Low Impact Design measures shall be submitted to the Council with the first and any subsequent Outline Plan of Works for development.

15. A sustainable water supply system shall be implemented in any buildings on the site. This shall include installing water re-use tanks for non-potable supply and the use of water efficient fixtures to minimise the amount of reticulated water supply required.

16. The Requiring Authority shall provide details of the location of buildings in relation to the location of public wastewater drainage to enable Council to establish any requirements necessary to ensure the ongoing integrity of the wastewater lines and ensure that any access for maintenance is protected. This information shall be submitted with the first Outline Plan of Works.

Attachments

No attachments.

4645 Secondary School Site

Designation Number	4645
Requiring Authority	Minister of Education
Location	73-89 Moire Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation ME45, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being included in the operative Unitary Plan unless given effect to prior

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Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4646 Westbridge Residential School

Designation Number	4646
Requiring Authority	Minister of Education
Location	488E Don Buck Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation ME46, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - special school (years 0 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments

4647 Sunnyvale School

Designation Number	4647
Requiring Authority	Minister of Education
Location	34 Ribblesdale Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME47, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

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The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4648 Swanson School

Designation Number	4648
Requiring Authority	Minister of Education
Location	703 Swanson Road, Swanson
Rollover Designation	Yes
Legacy Reference	Designation ME48, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4649 Te Atatu Intermediate

Designation Number	4649
Requiring Authority	Minister of Education
Location	8 Harbour View Road, Te Atatu North
Rollover Designation	Yes
Legacy Reference	Designation ME50, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4650 Peninsula Primary School

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Designation Number	4650
Requiring Authority	Minister of Education
Location	22 Waipani Road, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation ME49, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4651 Tirimoana School

Designation Number	4651
Requiring Authority	Minister of Education
Location	34 Kokiri Street, Te Atatu South
Rollover Designation	Yes
Legacy Reference	Designation ME51, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4652 Titirangi School

Designation Number	4652
Requiring Authority	Minister of Education
Purpose of Designation	Educational Purposes - Primary School (years 0 - 8)
Location	1-7 Kohu Road, Titirangi

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Rollover Designation	Yes
Legacy Reference	Designation ME52, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4653 Waitakere College

Designation Number	4653
Requiring Authority	Minister of Education
Location	42-60 Rathgar Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME53, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4654 Waitakere School

Designation Number	4654
Requiring Authority	Minister of Education
Location	10 Bethells Road, Waitakere
Rollover Designation	Yes
Legacy Reference	Designation ME54, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4655 West Harbour School

Designation Number	4655
Requiring Authority	Minister of Education
Location	74 Oreil Avenue, Massey
Rollover Designation	Yes
Legacy Reference	Designation ME55, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4656 Western Heights School

Designation Number	4656
Requiring Authority	Minister of Education
Location	124 Sturges Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation ME56, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

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The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4657 Whenuapai School

Designation Number	4657
Requiring Authority	Minister of Education
Location	14 Airport Road, Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation ME57, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4658 Woodlands Park School

Designation Number	4658
Requiring Authority	Minister of Education
Location	202 Woodlands Park Road, Woodlands
Rollover Designation	Yes
Legacy Reference	Designation ME58, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4559 Torbay Kindergarten

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Designation Number	4659
Requiring Authority	Minister of Education
Location	141 Deep Creek Road, Torbay
Rollover Designation	Yes
Legacy Reference	Designation (no number), Auckland Council District Plan (North Shore Section)
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - pre-school facility.

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. That the scope and extent of the designation is generally in accordance with the Notice of Requirement dated 10 August 2012.
2. That the hours of operation of the Kindergarten be restricted to 7.30am to 5.30pm.
3. That any future development that involves an increase in the scale of the Kindergarten (from its current 40 children limit), shall be subject to an alteration to the designation.
4. Before any future works are undertaken an Outline Plan(s) shall be submitted in accordance with Section 176A of the Resource Management Act 1991 to the Auckland Council - Northern Resource Consenting and Compliance (Takapuna Service Centre) unless the works are permitted under the provisions of the Auckland Council District Plan (North Shore Section) 2002, or an appropriate waiver is granted by the Council under Section 176A 2(C).

Advice Note

1. Designation 192 is to be used for educational purposes for a pre-school facility. The activities include teaching, administration, sports, cultural and community facilities. Any additional activities are outside the scope of Designation 192 and will require an alteration to the designation.

Attachments

No attachments.

Central

Designation Schedule - Minister of Education (2/3)

Central

Number	Purpose	Location
4700	Educational purposes	74 Epsom Avenue, Epsom
4701	Educational purposes - secondary school (years 7 - 13)	14-16 Howe Street, Freemans Bay
4702	Educational purposes - secondary school (years 7 - 13) and may include residential accommodation for students	55-85 Mountain Road, Epsom
4703	Educational purposes - primary school (years 0 - 8)	74 Epsom Avenue, Epsom

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4704	Educational purposes - secondary school (years 7 - 13)	47-61 Victor Street, Avondale
4705	Educational purposes - primary school (years 0 - 8)	1910-1940 Great North Road, Avondale
4706	Educational purposes - primary school (years 0 - 8)	15 Bailey Road, Mount Wellington
4707	Educational purposes - primary school (years 0 - 8)	19-21 Brixton Road, Balmoral
4708	Educational purposes - primary school (years 0 - 8)	2-12 Clifton Road, Herne Bay
4709	Educational purposes - intermediate school (years 7 - 8)	95-97 Bolton Street, Blockhouse Bay
4710	Educational purposes - primary school (years 0 - 8)	584 Blockhouse Bay Road, Blockhouse Bay
4711	Educational purposes - primary school (years 0 - 8)	2A Chaucer Place, Blockhouse Bay
4712	Educational purposes - primary school (years 0 - 8)	41 Kinsale Avenue, Glendowie
4713	Educational purposes - primary school (years 0 - 8)	193 Green Lane West, Greenlane
4714	Educational purposes - primary school (years 0 - 8)	14 Quest Terrace, Three Kings
4715	Educational purposes - primary school (years 0 - 8)	419 Sandringham Road, Sandringham
4716	Educational purposes	10 Beatty Street, Otahuhu
4717	Educational purposes - primary school (years 0 - 8)	12 Kalmia Street, Ellerslie
4718	Educational Purposes - secondary school (years 7 - 13) and may include residential accommodation for students	14 Silver Road, Epsom
4719	Educational purposes - primary school (years 0 - 8)	41 The Drive, Epsom
4720	Educational purposes - primary school (years 0 - 8)	27 Fairburn Road, Otahuhu
4721	Educational purposes - primary school (years 0 - 8)	95 Wellington Street, Freemans Bay
4722	Educational purposes - primary school (years 0 - 8)	4-8 Seaview Terrace, Mount Albert
4723	Educational purposes - kura kaupapa Māori (years 0 - 13) and may include early childhood education (preschool)	26A Farrington Street, Glen Innes
4724	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	38-42 East View Road, Glen Innes
4725	Educational purposes - primary school (years 0 - 8)	172 West Tamaki Road, Glendowie
4726	Educational purposes - primary school (years 0 - 8)	340 Blockhouse Bay Road, Avondale
4727	Educational purposes - primary school (years 0 - 8)	103 Leybourne Circle, Glen Innes
4728	Educational purposes - secondary school (years 7 - 13)	19-21 Crossfield Road, Glendowie
4729	Educational purposes - primary school (years 0 - 8)	217 Riddell Road, Glendowie
4730	Educational purposes - primary school (years 0 - 8)	44 Surrey Crescent, Grey Lynn
4731	Educational purposes - primary school (years 0 - 8)	106 Halsey Drive, Mount Roskill
4732	Educational purposes - primary school (years 0 - 8)	670 Richardson Road, Mount Roskill
4733	Educational purposes - primary school (years 0 - 8)	18-38 Belfast Street, Hillsborough
4734	Educational purposes - primary school (years 0 - 8)	74 Epsom Avenue, Epsom
4735	Educational purposes - primary school (years 0 - 8)	112 Kohimarama Road, Kohimarama
4736	Educational purposes - primary school (years 0 - 8)	26 Onslow Road, Kingsland
4737	Educational purposes - secondary school (years 7 - 13) and may include early childhood education (preschool)	100 Boundary Road, Avondale

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4738	Educational purposes - primary school (years 0 - 8)	74 Symonds Street, Onehunga
4739	Educational purposes - primary school (years 0 - 8)	39 Marshall Laing Avenue, Mount Roskill
4740	Educational purposes - primary school (years 0 - 8)	43 Ellerton Road, Mount Eden
4741	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	504 Richardson Road, Mount Roskill
4742	Educational purposes - primary school (years 0 - 8)	68 Waiatarua Road, Remuera
4743	Educational purposes - secondary school (years 7 - 13) and may include residential accommodation for students	30-40 Alberton Avenue, Mount Albert
4744	Educational purposes - primary school (years 0 - 8)	6 Sainsbury Road, Mount Albert
4745	Educational purposes - primary school (years 0 - 8)	73 Valley Road, Mount Eden
4746	Educational purposes - special school (years 0 - 13)	30-32 Albion Road, Otahuhu
4747	Educational purposes - primary school (years 0 - 8)	37-65 Frost Road, Mount Roskill
4748	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	81 Tihi Street, Stonefields
4749	Educational purposes - primary school (years 0 - 8)	185 New Windsor Road, New Windsor
4750	Educational purposes - primary school (years 0 - 8)	7-11 Gillies Avenue, Epsom
4751	Educational purposes - primary school (years 0 - 8)	15-19 Monmouth Street, Grey Lynn
4752	Educational purposes - secondary school (years 7 - 13)	24 Plensant Street, Onehunga
4753	Educational purposes - primary school (years 0 - 8)	122 Arthur Street, Onehunga
4754	Educational purposes - primary school (years 0 - 8)	1 Grace Street, Orakei
4755	Educational purposes - primary school (years 0 - 8)	21 Rangipawa Road, Onehunga
4756	Educational purposes - secondary school (years 7 - 13)	74 Mangere Road, Otahuhu
4757	Educational purposes - primary school (years 0 - 8)	22-24 Luke Street, Otahuhu
4758	Educational purposes - primary school (years 0 - 8)	41 Station Road, Otahuhu
4759	Educational purposes - primary school (years 0 - 8)	113 Richardson Road, Owairaka
4760	Educational purposes	272A Jervois Road, Herne Bay
4761	Educational purposes - primary school (years 0 - 8)	139 Panama Road, Mount Wellington
4762	Educational purposes - primary school (years 0 - 8)	76 Kings Road, Panmure
4763	Educational purposes - primary school (years 0 - 8)	87 Mount Wellington Highway, Mount Wellington
4764	Educational purposes - primary school (years 0 - 8)	48-82 St Stephens Avenue, Parnell
4765	Educational purposes - primary school (years 0 - 8)	2 Moray Place, Point Chevalier
4766	Educational purposes - secondary school (years 7 - 13)	421-455A Great South Road, Penrose
4767	Educational purposes - primary school (years 0 - 8)	50 Clarence Street, Ponsonby
4768	Educational purposes - primary school (years 0 - 8)	50 Curran Street, herne Bay
4769	Educational purposes - primary school (years 0 - 8)	7-31 Te Ra Road, Point Chevalier
4770	Educational purposes - primary school (years 0 - 8)	130 Point England Road, Point England
4771	Educational purposes - primary school (years 0 - 8)	64-72 St Vincent Avenue, Remuera

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4772	Educational purposes - primary school (years 0 - 8)	25-33 Dromorne Road, Remuera
4773	Educational purposes - primary school (years 0 - 8)	113-127 Richmond Road, Ponsonby
4774	Educational purposes - primary school (years 0 - 8)	217 Rosebank Road, Avondale
4775	Educational purposes - primary school (years 0 - 8)	663 Manukau Road, Royal Oak
4776	Educational purposes - primary school (years 0 - 8)	10A Taratoa Street, Point England
4777	Educational purposes - secondary school (years 7 - 13) and may include early childhood education (preschool)	16 Nguruhoe Street, Mount Eden
4778	Educational purposes - secondary school (years 7 - 13)	203-245 Kohimarama Road, Kohimarama
4780	Educational purposes - special school (years 0 - 13)	48 Smallfield Avenue, Three Kings
4781	Educational purposes - special school (years 0 - 13)	32-44 Luke Street, Otahuhu
4782	Educational purposes - primary school (years 0 - 8)	126-160 St Heliers Bay Road, St Heliers
4783	Educational purposes - primary school (years 0 - 8)	236-264 Kohimarama Road, Kohimarama
4784	Educational purposes - primary school (years 0 - 8)	2B Harris Road, Mount Wellington
4785	Educational purposes - primary school (years 0 - 8)	3 Longford Street, Mount Wellington
4786	Educational purposes - secondary school (years 7 - 13)	109-115 Taniwha Street, Glen Innes
4787	Educational purposes - primary school (years 0 - 8) and special school (years 0 - 13)	80A Tripoli Road, Panmure
4788	Educational purposes - kura kaupapa Māori (years 0 - 13) and may include early childhood education (preschool)	104-142 Haverstock Road, Sandringham
4789	Educational purposes - primary school (years 0 - 8)	219 Mount Smart Road, Onehunga
4790	Educational purposes - primary school (years 0 - 8)	944 Mount Eden Road, Three Kings
4791	Educational purposes - primary school (years 0 - 8)	282 Victoria Avenue, Remuera
4792	Educational purposes - primary school (years 0 - 8)	650 Richardson Road, Mount Roskill
4793	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	381 Hillsborough Road, Mount Roskill
4794	Educational purposes - primary school (years 0 - 8)	19 Oakley Avenue, Waterview
4795	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	766-778 Sandringham Road Extension, Mount Roskill
4796	Educational purposes - primary school (years 0 - 8)	24-28 Potter Avenue, Owairaka
4797	Educational purposes - secondary school (years 7 - 13)	100-102 Motions Road, Westmere
4798	Educational purposes - primary school (years 0 - 8)	81 Garnet Road, Westmere

4700 Auckland College of Education

Designation Number	4700
Requiring Authority	Minister of Education
Location	74 Epsom Avenue, Epsom
Rollover Designation	Yes

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Legacy Reference	Designation E08-21, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes.

Conditions

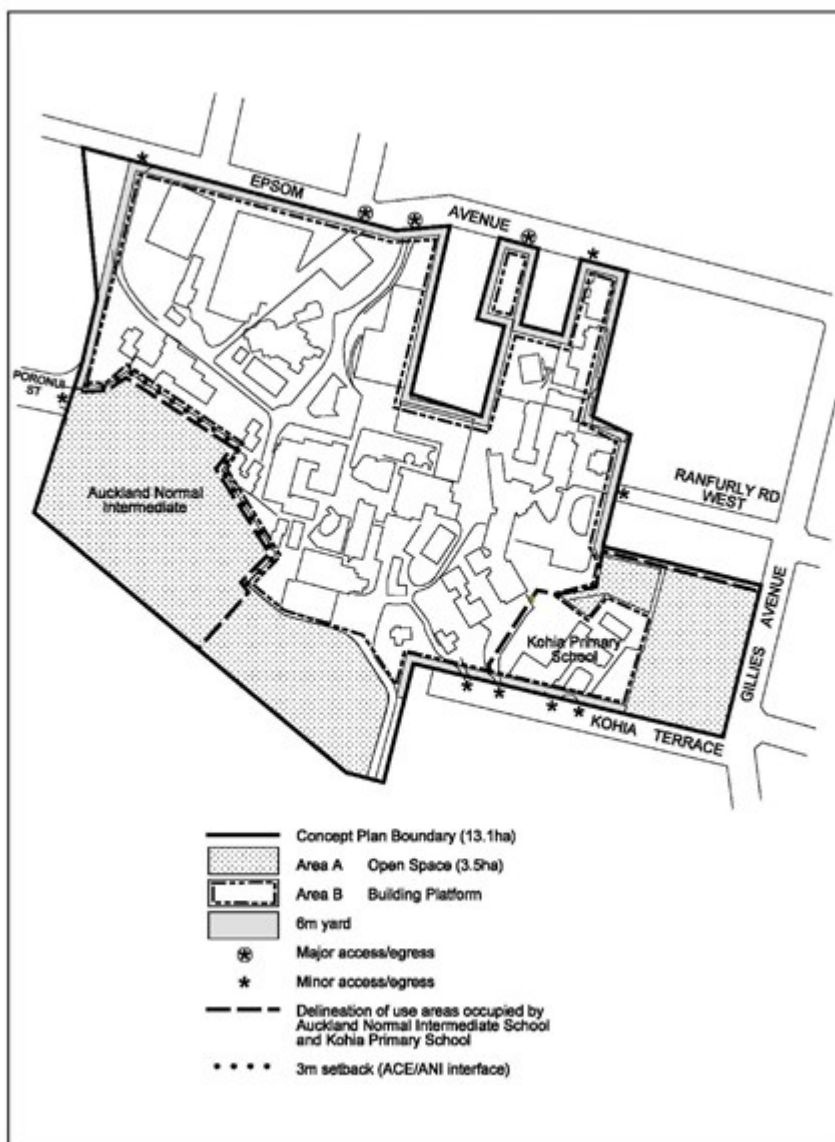
The standard conditions for all Minister of Education designations apply to this designation.

1. That there be no building development on the site within the area identified as open space, Area A on Concept Plan Diagram. The area identified on Concept Plan Diagram as open space shall be retained as such provided that permitted activities within the open space area include informal recreation, organised recreation, sports and playing fields.

Attachments

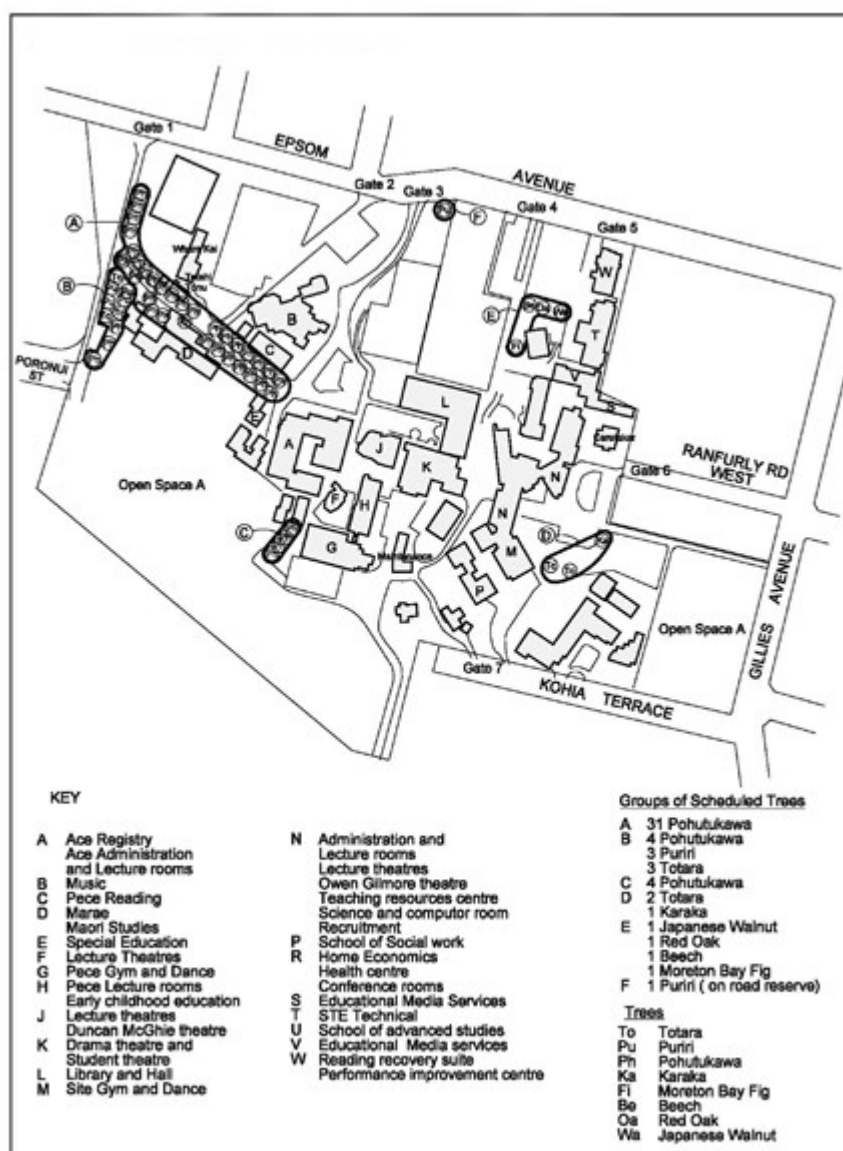
Concept Plan Diagram

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Location of Scheduled Trees

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4701 Auckland Girls' Grammar School

Designation Number	4701
Requiring Authority	Minister of Education
Location	14-16 Howe Street, Freemans Bay
Rollover Designation	Yes
Legacy Reference	Designation C07-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

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The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4702 Auckland Grammar

Designation Number	4702
Requiring Authority	Minister of Education
Location	55-85 Mountain Road, Epsom
Rollover Designation	Yes
Legacy Reference	Designation D08-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13) and may include residential accommodation for students

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The columnar basalt feature in the old quarry face which is scheduled in the District Plan shall not be excavated, physically investigated, damaged, or altered other than in accordance with an Outline Plan of Works submitted and processed in terms of Section 176A of the Resource Management Act 1991.

Attachments

No attachments.

4703 Auckland Normal Intermediate

Designation Number	4703
Requiring Authority	Minister of Education
Location	74 Epsom Avenue, Epsom
Rollover Designation	Yes
Legacy Reference	Designation E08-36, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments.

4704 Avondale College

Designation Number	4704
Requiring Authority	Minister of Education
Location	47-61 Victor Steet, Avondale
Rollover Designation	Yes
Legacy Reference	Designation E03-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. If the dwelling existing on the Lot 1 DP 159809 in January 2004 is removed, a landscaping strip with a minimum width of 2m shall be established along the length of eastern boundary of this site. If condition 5 above has already been given effect to an additional 1m of landscaping shall be established along the length of the eastern boundary.
2. If the dwelling existing on the Lot 8 DP 50025 in January 2004 is removed, a landscaping strip with a minimum width of 2m shall be established along the length of the north western boundary of this site.
3. A 3m front yard is required on each of the above sites. If any of the dwellings existing on these sites in January 2004 are removed a minimum of 50% of the front yard of the relevant site(s) shall be landscaped and maintained in such a manner as to create and preserve a good standard of visual amenity.

Attachments

No attachments.

4705 Avondale Primary School

Designation Number	4705
Requiring Authority	Minister of Education
Location	1910-1940 Great North Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation F03-09, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4706 Bailey Road School

Designation Number	4706
Requiring Authority	Minister of Education
Location	15 Bailey Road, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation G13-10, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4707 Balmoral School

Designation Number	4707
Requiring Authority	Minister of Education
Location	19-21 Brixton Road, Balmoral
Rollover Designation	Yes
Legacy Reference	Designation E07-12, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments.

4708 Bayfield School

Designation Number	4708
Requiring Authority	Minister of Education
Location	2-12 Clifton Road, Herne Bay
Rollover Designation	Yes
Legacy Reference	Designation B06-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4709 Blockhouse Bay Intermediate

Designation Number	4709
Requiring Authority	Minister of Education
Location	95-97 Bolton Street, Blockhouse Bay
Rollover Designation	Yes
Legacy Reference	Designation G03-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4710 Blockhouse Bay School

Designation Number	4710
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Requiring Authority	Minister of Education
Location	584 Blockhouse Bay Road, Blockhouse Bay
Rollover Designation	Yes
Legacy Reference	Designation H04-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4711 Chaucer School

Designation Number	4711
Requiring Authority	Minister of Education
Location	2A Chaucer Place, Blockhouse Bay
Rollover Designation	Yes
Legacy Reference	Designation G03-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4712 Churchill Park School

Designation Number	4712
Requiring Authority	Minister of Education
Location	41 Kinsale Avenue, Glendowie
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation B16-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4713 Cornwall Park District School

Designation Number	4713
Requiring Authority	Minister of Education
Location	193 Green Lane West, Greenlane
Rollover Designation	Yes
Legacy Reference	Designation E10-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4714 Dominion Road School

Designation Number	4714
Requiring Authority	Minister of Education
Location	14 Quest Terrace, Three Kings
Rollover Designation	Yes
Legacy Reference	Designation F07-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4715 Edendale School

Designation Number	4715
Requiring Authority	Minister of Education
Location	419 Sandringham Road Sandringham
Rollover Designation	Yes
Legacy Reference	Designation E06-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4716 Education Department Activity Centre

Designation Number	4716
Requiring Authority	Minister of Education
Location	10 Beatty Street, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J14-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes.

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments.

4717 Ellerslie School

Designation Number	4717
Requiring Authority	Minister of Education
Location	12 Kalmia Street, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F11-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4718 Epsom Girls' Grammar School

Designation Number	4718
Requiring Authority	Minister of Education
Location	14 Silver Road, Epsom
Rollover Designation	Yes
Legacy Reference	Designation D09-21, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational Purposes - secondary school (years 7 - 13) and may include residential accommodation for students.

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

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4719 Epsom Normal School

Designation Number	4719
Requiring Authority	Minister of Education
Location	41 The Drive, Epsom
Rollover Designation	Yes
Legacy Reference	Designation E09-29, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4720 Fairburn School

Designation Number	4720
Requiring Authority	Minister of Education
Location	27 Fairburn Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J14-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4721 Freemans Bay School

Designation Number	4721
Requiring Authority	Minister of Education

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Location	95 Wellington Street, Freemans Bay
Rollover Designation	Yes
Legacy Reference	Designation B07-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4722 Gladstone School

Designation Number	4722
Requiring Authority	Minister of Education
Location	4-8 Seaview Terrace, Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation D04-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. No buildings shall be constructed on the school property within 10m of the school's northern boundary unless this is provided for by means of a subsequent designation or an alteration under section 181 of the Act.

2. No new or additional building shall project beyond a building envelope contained by a 35° recession plane from points 2m above the common side boundary of 152 Carrington Road (Lot 1, DP140099) and 150 Carrington Road (Gladstone Primary School) unless:

- This is provided for by means of a subsequent designation or alteration under section 181 of the Act; or
- Written consent is obtained from the owners and occupiers of 2/152 Carrington Road.

3. No additional buildings shall be constructed on school property within 8m of the northern side boundary of 152 Carrington Road (Lot 1, DP140099) unless:

- This is provided for by means of a subsequent designation or alteration under section 181 of the Act; or
- Written consent is obtained from the owners and occupiers of 2/152 Carrington Road

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4. The entry to the carpark at 150 Carrington Road (former Pt Lot 23 Allot 34) shall be chained or otherwise secured against unauthorised access between the hours of 10.00pm and 7.00am Monday to Friday and during weekends and public holidays.

5. No security lights shall be positioned along the southern wall of the classroom block at 150 Carrington Road (former Pt Lot 23 Allot 34) or be located in such a manner that there is direct illumination into 152 Carrington Road.

Attachments

No attachments.

4723 TKKM o Pūau te Moananui-ā-Kiwa

Designation Number	4723
Requiring Authority	Minister of Education
Location	26A Farringdon Street, Glen Innes
Rollover Designation	Yes
Legacy Reference	Designation D15-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - kura kaupapa Māori (years 0 - 13) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. Outline Plan of Works - Transport

Any Outline Plan of Works or consents for new classrooms for the Composite School or new buildings for the operation of the Kohanga Reo shall be accompanied by a report produced by a suitably qualified traffic engineer and/or transportation planner that gives consideration to the following matters:

- The effects on the surrounding road network arising from parking usage at the school, the pick-up and drop off of students, and the ability to cater for this on site, including addressing any real or potential road safety implications; and
- Pedestrian accessibility to the site and the need for any infrastructure to ensure safe crossing points are provided for.

2. Travel Plan

A School Travel Plan shall be undertaken by the Requiring Authority, either directly or through the School Board of Trustees, and any future actions / improvements to the roads identified would need to be discussed in consultation with Auckland Transport Community Transport group, prior to submission of any Outline Plan of Works or consents for new classrooms for the school.

- The Travel Plan shall identify current travel patterns, and set standards and goals to mitigate real and potential adverse traffic effects. This is envisaged to be a live document that addresses traffic-related concerns from school activities on an on-going basis and monitored by bi-annual surveys undertaken by the school and results provided to Auckland Transport Community Transport group.

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ii. Surveyed results shall be to the Auckland Transport Community Transport School Travel Planning format and be submitted bi-annually to the Community Transport Manager.

3. Parking

a. Carparking shall be provided at the rate of two carparks per classroom, except where the Council accepts, on the basis of a specifically commissioned parking study by an appropriately qualified engineer and/or transportation planner, that a different level is appropriate.

b. Cycle parking spaces shall be provided at a minimum of one space per ten Composite School students and staff. Visitor cycle parking spaces shall be provided at a minimum of 1 space plus 1 per 400 students and staff at the school. This condition shall apply when new composite school classrooms are constructed.

c. In addition to the car parking requirements for the Composite School (outlined in Condition 6(i)), the Kohanga Reo shall be provided with a minimum of one car park on the site for every member of staff in attendance, plus one car park for every 10 children or people the facility is designed to accommodate, except where the Council accepts that a different level is appropriate, on the basis of a specifically commissioned parking study by an appropriately qualified engineer and/or transportation planner.

Attachments

No attachments.

4724 Glen Innes School

Designation Number	4724
Requiring Authority	Minister of Education
Location	38-42 Eastview Road, Glen Innes
Rollover Designation	Yes
Legacy Reference	Designation D15-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4725 Glen Taylor School

Designation Number	4725
Requiring Authority	Minister of Education
Location	172 West Tamaki Road, Glendowie
Rollover Designation	Yes
Legacy Reference	Designation D15-04, Auckland Council District Plan (Isthmus Section) 1999

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4726 Glenavon School

Designation Number	4726
Requiring Authority	Minister of Education
Location	340 Blockhouse Bay Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation G04-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4727 Glenbrae Primary School

Designation Number	4727
Requiring Authority	Minister of Education
Location	103 Leybourne Circle, Glen Innes
Rollover Designation	Yes
Legacy Reference	Designation D16-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4728 Glendowie College

Designation Number	4728
Requiring Authority	Minister of Education
Location	19-21 Crossfield Road, Glendowie
Rollover Designation	Yes
Legacy Reference	Designation C15-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4729 Glendowie School

Designation Number	4729
Requiring Authority	Minister of Education
Location	217 Riddell Road, Glendowie
Rollover Designation	Yes
Legacy Reference	Designation C16-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments.

4730 Grey Lynn School

Designation Number	4730
Requiring Authority	Minister of Education
Location	44 Surrey Crescent, Grey Lynn
Rollover Designation	Yes
Legacy Reference	Designation C06-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4731 Halsey Drive School

Designation Number	4731
Requiring Authority	Minister of Education
Location	106 Halsey Drive, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation H05-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

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4732 Hay Park School

Designation Number	4732
Requiring Authority	Minister of Education
Location	670 Richardson Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation H07-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4733 Hillsborough School

Designation Number	4733
Requiring Authority	Minister of Education
Location	18-38 Belfast Street, Hillsborough
Rollover Designation	Yes
Legacy Reference	Designation H08-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4734 Kohia Terrace School

Designation Number	4734
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Minister of Education
Location	74 Epsom Avenue, Epsom
Rollover Designation	Yes
Legacy Reference	Designation E09-51, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4735 Kohimarama School

Designation Number	4735
Requiring Authority	Minister of Education
Location	112 Kohimarama Road, Kohimarama
Rollover Designation	Yes
Legacy Reference	Designation C13-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4736 Kowhai Intermediate

Designation Number	4736
Requiring Authority	Minister of Education
Location	112 Kohimarama Road, Kohimarama
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation D07-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4737 Lynfield College

Designation Number	4737
Requiring Authority	Minister of Education
Location	100 Boundary Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation G05-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4738 Royal Oak Intermediate School

Designation Number	4738
Requiring Authority	Minister of Education
Location	74 Symonds Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G09-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4739 Marshall Laing School

Designation Number	4739
Requiring Authority	Minister of Education
Location	39 Marshall Laing Avenue, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation G05-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4740 Maungawhau School

Designation Number	4740
Requiring Authority	Minister of Education
Location	43 Ellerton Road, Mt Eden
Rollover Designation	Yes
Legacy Reference	Designation E07-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

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Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4741 May Road School

Designation Number	4741
Requiring Authority	Minister of Education
Location	504 Richardson Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation G06-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4742 Meadowbank School

Designation Number	4742
Requiring Authority	Minister of Education
Location	68 Waiaatarua Road, Remuera
Rollover Designation	Yes
Legacy Reference	Designation D12-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

4743 Mt Albert Grammar School

Designation Number	4743
Requiring Authority	Minister of Education
Location	30-40 Alberton Avenue, Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation E05-24, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13) and may include residential accommodation for students.

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments

4744 Mt Albert School

Designation Number	4744
Requiring Authority	Minister of Education
Location	6 Sainsbury Road, Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation D06-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4745 Mt Eden Normal School

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Designation Number	4745
Requiring Authority	Minister of Education
Location	73 Valley Road, Mount Eden
Rollover Designation	Yes
Legacy Reference	Designation D08-27, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4746 Mt Richmond School

Designation Number	4746
Requiring Authority	Minister of Education
Location	30-32 Albion Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - special school (years 0 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4747 Mt Roskill Primary, Intermediate and Grammar School

Designation Number	4747
Requiring Authority	Minister of Education
Location	37-65 Frost Road, Mt Roskill

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Rollover Designation	Yes
Legacy Reference	Designation G07-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4748 Stonefields School and ECE

Designation Number	4748
Requiring Authority	Minister of Education
Location	81 Tihi St, Stonefields
Rollover Designation	Yes
Legacy Reference	Designation E14-09, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The proposed development be subject to the following conditions regarding traffic and parking:
 - a. Parking shall be provided on a staged basis at a rate of two parking spaces per classroom for the primary school, and one per staff member and one per ten children for the early childhood centre, to a maximum of 58 in total for all activities on the site. This shall also include any short term parking spaces for pick up and drop off. The maximum of 58 spaces may be reduced to 55 spaces only if public transport (bus) services have been provided to the Stonefields development area, in general accordance with the proposals illustrated in the Integrated Traffic Assessment v3, dated November 2008 prepared by SKM Consultants.
 - b. The Requiring Authority, either directly or through the School Board of Trustees, shall develop a Travel Plan which provides specifically for measures to reduce vehicle dependence, including measures for walking school buses, car pooling, the encouragement of the use of public transport, where possible the development and use of remote pick up/drop off points, and the encouragement of walking, cycling and the use of public transport. This Plan shall be developed in consultation with relevant staff at Auckland Council, and submitted as part of the

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Outline Plan of Works for any development stage increasing the number of people on the site. The Travel Plan shall be maintained and regularly updated while the school is operating under this designation.

Attachments

No attachments.

4749 New Windsor School

Designation Number	4749
Requiring Authority	Minister of Education
Location	185 New Windsor Road, New Windsor
Rollover Designation	Yes
Legacy Reference	Designation F04-12, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4750 Newmarket School

Designation Number	4750
Requiring Authority	Minister of Education
Location	7-11 Gillies Avenue, Epsom
Rollover Designation	Yes
Legacy Reference	Designation D09-20, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

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No attachments.

4751 Newton Central School

Designation Number	4751
Requiring Authority	Minister of Education
Location	15-19 Monmouth Street, Grey Lynn
Rollover Designation	Yes
Legacy Reference	Designation C07-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4752 Onehunga High School

Designation Number	4752
Requiring Authority	Minister of Education
Location	24 Pleasant Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G08-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4753 Onehunga Primary School

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Designation Number	4753
Requiring Authority	Minister of Education
Location	122 Arthur Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-30, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4754 Orakei School

Designation Number	4754
Requiring Authority	Minister of Education
Location	1 Grace Street, Orakei
Rollover Designation	Yes
Legacy Reference	Designation C12-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4755 Oranga School

Designation Number	4755
Requiring Authority	Minister of Education
Location	21 Rangipawa Road, Onehunga

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Rollover Designation	Yes
Legacy Reference	Designation G11-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4756 Otahuhu College

Designation Number	4756
Requiring Authority	Minister of Education
Location	74 Mangere Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J13-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The Robertson Hill scoria cone feature which is scheduled in the District Plan shall not be excavated, physically investigated, damaged, or altered other than in accordance with an Outline Plan of Works submitted and processed in terms of Section 176A of the Resource Management Act 1991.

Attachments

No attachments.

4757 Otahuhu Intermediate

Designation Number	4757
Requiring Authority	Minister of Education
Location	22-24 Luke Street, Otahuhu

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Rollover Designation	Yes
Legacy Reference	Designation I14-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4758 Otahuhu School

Designation Number	4758
Requiring Authority	Minister of Education
Location	41 Station Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I13-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4759 Owairaka District School

Designation Number	4759
Requiring Authority	Minister of Education
Location	113 Richardson Road, Owairaka
Rollover Designation	Yes
Legacy Reference	Designation F05-04, Auckland Council District Plan (Isthmus Section) 1999

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4760 Pacific Island Education Resource Centre

Designation Number	4760
Requiring Authority	Minister of Education
Location	272A Jervois Road, Herne Bay
Rollover Designation	Yes
Legacy Reference	Designation B06-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes.

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4761 Panama Road School

Designation Number	4761
Requiring Authority	Minister of Education
Location	139 Panama Road, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation H14-10, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4762 Panmure Bridge School

Designation Number	4762
Requiring Authority	Minister of Education
Location	76 Kings Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F15-37, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4763 Panmure District School

Designation Number	4763
Requiring Authority	Minister of Education
Location	87 Mount Wellington Highway, Mount Wellington
Rollover Designation	Yes
Legacy Reference	Designation F14-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

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The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4764 Parnell School

Designation Number	4764
Requiring Authority	Minister of Education
Location	48-82 St Stephens Avenue, Parnell
Rollover Designation	Yes
Legacy Reference	Designation C10-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4765 Pasadena Intermediate

Designation Number	4765
Requiring Authority	Minister of Education
Location	2 Moray Place, Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C05-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

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No attachments.

4766 One Tree Hill College

Designation Number	4766
Requiring Authority	Minister of Education
Location	421-455A Great South Road, Penrose
Rollover Designation	Yes
Legacy Reference	Designation F11-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4767 Ponsonby Intermediate

Designation Number	4767
Requiring Authority	Minister of Education
Location	50 Clarence St, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation B07-49, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4768 Ponsonby Primary School

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Designation Number	4768
Requiring Authority	Minister of Education
Location	50 Curran Street, Herne Bay
Rollover Designation	Yes
Legacy Reference	Designation B06-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4769 Pt Chevalier School

Designation Number	4769
Requiring Authority	Minister of Education
Location	7-31 Te Ra Road, Point Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C04-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4770 Pt England School

Designation Number	4770
Requiring Authority	Minister of Education
Location	130 Point England Road, Point England

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Rollover Designation	Yes
Legacy Reference	Designation E15-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4771 Remuera Intermediate

Designation Number	4771
Requiring Authority	Minister of Education
Location	64-72 St Vincent Avenue, Remuera
Rollover Designation	Yes
Legacy Reference	Designation E11-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4772 Remuera School

Designation Number	4772
Requiring Authority	Minister of Education
Location	25-33 Dromorne Road, Remuera
Rollover Designation	Yes
Legacy Reference	Designation E10-12, Auckland Council District Plan (Isthmus Section) 1999

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4773 Richmond Road School

Designation Number	4773
Requiring Authority	Minister of Education
Location	113-127 Richmond Road, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation C07-12, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4774 Rosebank School

Designation Number	4774
Requiring Authority	Minister of Education
Location	217 Rosebank Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation E03-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4775 Royal Oak School

Designation Number	4775
Requiring Authority	Minister of Education
Location	663 Manukau Road, Royal Oak
Rollover Designation	Yes
Legacy Reference	Designation G09-31, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4776 Ruapotaka School

Designation Number	4776
Requiring Authority	Minister of Education
Location	10A Taratoa Street, Point England
Rollover Designation	Yes
Legacy Reference	Designation E15-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

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The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4777 Eden Campus Teen Parent Unit

Designation Number	4777
Requiring Authority	Minister of Education
Location	16 Ngauruhoe Street, Mount Eden
Rollover Designation	Yes
Legacy Reference	Designation E08-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The teen parent unit and ancillary childcare facility shall be limited at any one time to being occupied by the following number of people (total of 71 persons/children):
 - a. Students 30;
 - b. Children (0-5yrs) 32;
 - c. Adult childcare supervisors 6; and
 - d. Teachers 3.
2. The childcare facility shall only operate in conjunction with the teen parenting unit.
3. A total of seven on-site car parks shall be provided for the teen parenting unit and ancillary childcare facility. For any other secondary school activity undertaken on the site, carparking shall be provided at a rate of two car parks per classroom additional to the car parks required for the teen parenting unit and ancillary childcare facility. The exception to this is where the Council accepts, on the basis of a specifically commissioned parking study by an appropriately qualified engineer, that a lesser level is appropriate.
4. At no time on site shall the school roll exceed a maximum of 110 pupils (being students and/or children 0-5 years).

Attachments

No attachments.

4778 Selwyn College

Designation Number	4778
Requiring Authority	Minister of Education

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Location	203-245 Kohimarama Road, Kohimarama
Rollover Designation	Yes
Legacy Reference	Designation C13-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4780 Sunnydene Special School

Designation Number	4780
Requiring Authority	Minister of Education
Location	48 Smallfield Avenue, Three Kings
Rollover Designation	Yes
Legacy Reference	Designation F07-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - special school (years 0 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4781 Luke Street Special School

Designation Number	4781
Requiring Authority	Minister of Education
Location	32-44 Luke Street, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-40, Auckland Council District Plan (Isthmus Section) 1999

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Lapse Date	5 years from being operative in the Unitary Plan unless given effect to prior
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Purpose

Educational purposes - special school (years 0 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The height of all buildings (excluding any goal posts associated with sporting activities) shall not exceed 10m except for assembly halls, recreational facilities, and cultural or performance facilities.
2. No part of any building shall project above a 45° recession plane measured from any point 2 metres above the ground level along any boundary of the site.
3. The minimum building setbacks to be met are as follows: from the Luke Street boundary - 3m; the western and rear boundaries - 8m; eastern boundary - refer condition 8 below.
4. A fence shall be erected at the cost of the Requiring Authority along the full length of the common boundary between 32-44 Luke St and 50 Luke St. From the Luke St boundary, no new fence shall be erected for the first 1.8m. From a distance of 1.8m from Luke St to 137m from Luke St a solid (minimum 200mm thick) fence shall be constructed along the boundary. The fence shall be a minimum of 3m high (above existing ground or finished ground level). Where existing buildings are on or very near the boundary from 1.8m to- 137m from Luke St the fence may be integrated and aligned into those buildings. Beyond 137m from Luke St to the northern boundary a new Hurricane wire fence with 3 barbed wires atop shall be constructed to a minimum height of 2m (above existing or finished ground level). The fence shall be erected prior to the occupation and use of the site as a school.
5. Noise from all activities on the site shall be subject to the following standards:
 - a. The noise level from any activities within the site, except where otherwise specified below at (iv), measured at or within the boundary of any adjacent site (not held in common ownership) zoned Business 4 shall not exceed:
 - i. 7.00am - 10.00pm 60 dBA L10; and
 - ii. 10.00pm - 7.00am 60 dBA L10
 - b. The noise level from activities within the site, except where otherwise specified below at (iv), shall not exceed the following limits when measured at or within the boundary of any residential zoned site:
 - i. Monday to Saturday 7.00am - 10.00pm 55dBA L10; and
 - ii. Sunday & Public Holidays 9.00am - 6.00pm 55dBAL10All other times 45dBA L10 75dBA Lmax
 - c. Noise levels shall be measured and assessed in accordance with the requirements of NZS 6801:1991 "Measurement of Sound" and NZS 6802:1991 "Assessment of Environmental Sound".
 - d. The above limits shall not apply to noise generated by normal school related outdoor activities on any parts of the site between the hours of 8.00am and 6.00pm.
 - e. Sound from construction activity shall not exceed the limits recommended in and shall be measured and assessed in accordance with NZS 6803:1999 "Acoustics - Construction Noise".
6. In the event that any archaeological sites or remains are discovered during the earthworks, then the works at that place of discovery will cease immediately and the appropriate statutory authorisations or consents obtained.
7. In consultation with the adjoining owners, the Requiring Authority shall, establish a 'separation distance' from any existing buildings or plant at 46-62 Luke St that contain refrigeration equipment or piping. Existing buildings

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or plant for the purposes of this condition shall be those which existed at the date of the recommendations on this Requirement on behalf of the Auckland Council. The 'separation distance' shall be determined by a person suitably qualified and experienced in the assessment and management of hazardous facilities and substances based on the following recognised industry codes of practice:

- a. AS/NZS 2022: 2003 Anhydrous Ammonia - Storage and Handling; and
- b. AS/NZS 1677.2:2000 Refrigerating Systems - Safety Requirements for Fixed Application.

The separation distance shall be not less than 25m, and no buildings shall be established within this 'separation distance'.

8. An Emergency Management Plan ('EMP') shall be prepared, at the cost of the Requiring Authority and in consultation with the owner and occupier of 50 Luke Street, by a suitably qualified person taking into account all of the various emergency and hazardous issues that may arise as a result of activities that occur at 50 Luke St. Copies of the EMP shall be provided to Council, the NZ Fire Service and the owner and occupier of 50 Luke Street. The Requiring Authority shall engage in a consultative manner with the owner and occupier of 50 Luke Street to have the EMP reviewed as required and in any event no later than on each third anniversary of the opening of the school to take into account any changes to regulations, procedures and methodologies that may occur over time. Copies of any reviewed EMP shall be provided to the Council, the NZ Fire Service and the owner and occupier of 50 Luke St. The EMP shall be completed prior to the occupation of a school on the site and will remain in place as long as 50 Luke St is used for activities that may give rise to hazardous emergencies. The EMP shall be developed and maintained in accordance with the Ministry of Education's own Emergency Response Management Plan guidelines as well as the guidance prepared by ERMA and the Department of Labour and must address the matter of what triggers and methods are used to identify any potential risk events. The EMP shall include regular (at least 12 monthly) drills. The Requiring Authority shall invite the operator of the factory at 46-62 Luke Street to participate in these drills.

Attachments

No attachments.

4782 St Heliers School

Designation Number	4782
Requiring Authority	Minister of Education
Location	126-160 St Heliers Bay Road, St Heliers
Rollover Designation	Yes
Legacy Reference	Designation C15-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

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4783 St Thomas School

Designation Number	4783
Requiring Authority	Minister of Education
Location	236-264 Kohimarama Road, Kohimarama
Rollover Designation	Yes
Legacy Reference	Designation C14-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4784 Stanhope Road School

Designation Number	4784
Requiring Authority	Minister of Education
Location	2B Harris Road, Mt Wellington
Legal Description	Yes
Legacy Reference	Designation F13-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4785 Sylvia Park School

Designation Number	4785
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Minister of Education
Location	3 Longford Street, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation G13-09, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4786 Tamaki College

Designation Number	4786
Requiring Authority	Minister of Education
Location	109-115 Taniwha Street, Glen Innes
Rollover Designation	Yes
Legacy Reference	Designation D16-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4787 Tamaki School, Tamaki Intermediate, Sommerville School

Designation Number	4787
Requiring Authority	Minister of Education
Location	80A Tripoli Road, Panmure
Rollover Designation	Yes

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Legacy Reference	Designation F15-34, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and special school (years 0 -13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments

4788 TKKM o Ngā Maungārongo

Designation Number	4788
Requiring Authority	Minister of Education
Location	140-142 Haverstock Road, Sandringham
Rollover Designation	Yes
Legacy Reference	Designation E05-37, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - kura kaupapa Māori (years 0 - 13) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments

4789 Te Papapa School

Designation Number	4789
Requiring Authority	Minister of Education
Location	219 Mount Smart Road, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation G11-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4790 Three Kings School

Designation Number	4790
Requiring Authority	Minister of Education
Location	944 Mount Eden Road, Three Kings
Rollover Designation	Yes
Legacy Reference	Designation G08-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4791 Victoria Avenue School

Designation Number	4791
Requiring Authority	Minister of Education
Location	282 Victoria Avenue, Remuera
Rollover Designation	Yes
Legacy Reference	Designation C11-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

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Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4792 Waikowhai Intermediate

Designation Number	4792
Requiring Authority	Minister of Education
Location	650 Richardson Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation H07-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4793 Waikowhai School

Designation Number	4793
Requiring Authority	Minister of Education
Location	381 Hillsborough Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation H06-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

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Attachments

No attachments

4794 Waterview School

Designation Number	4794
Requiring Authority	Minister of Education
Location	19 Oakley Avenue, Waterview
Rollover Designation	Yes
Legacy Reference	Designation D04-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4795 Wesley Intermediate

Designation Number	4795
Requiring Authority	Minister of Education
Location	766-778 Sandringham Road Extn, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation F06-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4796 Wesley Primary School

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Designation Number	4796
Requiring Authority	Minister of Education
Location	24-28 Potter Avenue, Owairaka
Rollover Designation	Yes
Legacy Reference	Designation F06-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4797 Western Springs College

Designation Number	4797
Requiring Authority	Minister of Education
Location	100-102 Motions Road, Westmere
Rollover Designation	Yes
Legacy Reference	Designation C05-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4798 Westmere School

Designation Number	4798
Requiring Authority	Minister of Education
Location	81 Garnet Road, Westmere

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Rollover Designation	Yes
Legacy Reference	Designation C05-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

South

Designation Schedule - Minister of Education (3/3)

South

Number	Purpose	Location
4900	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	101 Charles Prevost Drive, The Gardens
4901	Educational purposes - secondary school (years 7 - 13)	550 Porchester Road, Manurewa
4902	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	16 Swan Crescent, Pakuranga
4903	Educational purposes - secondary school (years 7 - 13)	8 Selfs Road, Papatoetoe
4904	Educational purposes - senior high school (years 11 - 13), special school (years 0 - 13) and may include two(2) early childhood education pre-school(s)	52 Otara Road, Otara
4905	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	12 Edward Avenue, Otara
4906	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	21 Baverstock Road
4907	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	18 Bell Road, Beachlands
4908	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	35 Mirrabooka Avenue, Howick
4909	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	359 Brookby Road, Brookby
4910	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	247 Bucklands Beach Road, Bucklands Beach
4911	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	107 Clovelly Road, Bucklands Beach

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4912	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	170 Dawson Road, Flat Bush
4913	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	187 Coxhead Road, Manurewa
4914	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	145 Rowandale Avenue, Manurewa
4915	Educational purposes - secondary school (years 7 - 13) and may include early childhood education (preschool)	28 Palmers Road, Clendon Park
4916	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	15 North Road, Clevedon
4917	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	10 Sandspit Road, Howick
4918	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	94 Dawson Road, Otara
4919	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	196 Preston Road, Otara
4920	Educational purposes - secondary school (years 7 - 13).	32 Edgewater Drive, Pakuranga
4921	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	46 Gossamer Drive, Pakuranga
4922	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	64 Everglade Drive, Manukau Heights
4923	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	14 Butley Drive, Pakuranga
4924	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	48 Wakefield Road, Mangere
4925	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	10 Ferguson Road, Otara
4926	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	85 John Walker Drive, Manurewa
4927	Educational purposes - primary school (years 0 - 8), secondary school (years 7 - 13) and may include early childhood education (preschool)	275-291 Ormiston Road, Flat Bush
4928	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	20 Flat Bush Road, Otara
4929	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	27 Greenmeadows Avenue, Manurewa
4930	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	55 Grande Vue Road, Manurewa
4931	Educational purposes - special school (years 0 - 13)	157 Browns Road, Manurewa
4932	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	89 Browns Road, Manurewa
4933	Educational purposes - secondary school (years 7 - 13)	25 Sandspit Road, Howick
4934	Educational purposes - primary school (years 0 - 8)	15 Botany Road, Howick

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4935	Educational purposes - primary school (years 0 - 8)	40 Willoughby Avenue, Howick
4936	Educational purposes - secondary school (years 7 - 13)	18 Dr Pickering Avenue, Manurewa
4937	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	6 Imrie Avenue, Mangere
4938	Educational purposes - junior high school (years 7-10) and may include early childhood education (preschool)	103-123 Jeffs Road, Flat Bush
4939	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	181 Portage Road, Papatoetoe
4940	Educational purposes - secondary school (years 7 - 13)	51 Othello Drive, Wiri
4941	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	54 Raglan Street, Mangere East
4942	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	71 Robertson Road, Mangere East
4943	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	7 Dr Pickering Avenue, Manurewa
4944	Educational purposes - secondary school (years 7 - 13)	32 Macleans Road, Bucklands Beach
4945	Educational purposes - primary school (years 0 - 8)	10 Wycherley Drive, Bucklands Beach
4946	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	2 Domain Road, Mangere Bridge
4947	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	244 Kirkbride Road, Mangere
4948	Educational purposes - secondary school (years 7 - 13)	51 Bader Drive, Mangere
4949	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	21 Yates Road, Mangere
4950	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	253 Buckland Road, Mangere
4951	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	4 Hill Road, Manurewa
4952	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	14 Scotts Road, Manurewa
4953	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	61 and 67 Browns Road, Manurewa
4954	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	76 Russell Road, Manurewa
4955	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	37 Tawa Crescent, Manurewa
4956	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	29 McKean Avenue, Manurewa
4957	Educational purposes - primary school (years 0 - 8)	154 Maraetai Drive, Maraetai Beach
4958	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	12 Pearl Baker Drive, Otara

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4959	Educational purposes - primary school (years 0 - 8)	140 Mellons Bay Road, Howick
4960	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	81 Mountain Road, Mangere
4961	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	60 Mascot Avenue, Mangere
4963	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	275 Orere Point Road
4964	Educational purposes - primary school (years 0 - 8)	85 Nelson Street, Howick
4965	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	500 Pakuranga Road, Highland Park
4966	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	77 Udys Road, Pakuranga
4967	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	45 Reeves Road, Pakuranga
4968	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	317 Great South Road, Papatoetoe
4969	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	107 Tui Road, Papatoetoe
4970	Educational purposes - secondary school (years 7 - 13)	138 Tui Road, Papatoetoe
4971	Educational purposes - secondary school (years 7 - 13)	175 Motatau Road, Papatoetoe
4972	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	25 Graeme Avenue, Papatoetoe
4973	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	58 Milan Road, Papatoetoe
4974	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	24 Station Road, Papatoetoe
4975	Educational purposes - secondary school (years 7 - 13)	25 Loloma Drive, Bucklands Beach
4976	Educational purposes - secondary school (years 7 - 13)	25 Kilkenny Drive, Howick
4977	Educational purposes - intermediate school (years 7 - 8)	51 Eugenia Rise, Manukau
4978	Educational purposes - primary school (years 0 - 8)	94 Golfand Drive, Howick
4979	Educational purposes - secondary school (years 7 - 13)	575 Chapel Road, Howick
4980	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	116 Puhinui Road, Papatoetoe
4981	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	66 Riverton Drive, Manurewa
4982	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	47 Diorella Drive, Manukau
4983	Educational purposes - primary school (years 0 - 8)	13 Waikaremoana Place, Pakuranga
4984	Educational purposes - primary school (years 0 - 8)	30 Millen Avenue, Pakuranga
4985	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	203 Robertson Road, Mangere

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4986	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	20 Rongomai Road, Otara
4987	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	23 Burundi Avenue, Manurewa
4988	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	73 Rowandale Avenue, Manurewa
4989	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	11 Sunnyview Avenue, Howick
4990	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	6 Court Town Close, Mangere
4991	Educational purposes - secondary school (years 7 - 13)	2 Franklyne Road, Otara
4992	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	33 Robertson Road, Mangere
4993	Educational purposes - intermediate school (years 7 - 8)	39 Somerville Road, Howick
4994	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	10 McNaughton Avenue, Mangere
4995	Educational purposes - primary school (years 0 - 8)	16 Fordyce Avenue, Pakuranga
4996	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	89 Vine Street, Mangere
4997	Educational purposes - secondary school (years 7 - 13)	68 Dawson Road, Flat Bush
4998	Educational purposes - kura kaupapa Māori (years 0 - 13)	7 Comet Crescent, Mangere
4999	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	21 Trounson Avenue, Manurewa
5000	Educational purposes - primary school (years 0 - 13) and may include early childhood education (preschool)	206 Finlayson Avenue, Weymouth
5001	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	65 Viscount Street, Mangere
5002	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	16 Butley Drive, Pakuranga
5003	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	17 House Avenue, Mangere
5004	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	15 Scotsmoor Drive, Wattle Downs
5005	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	44 Palmers Road, Weymouth
5006	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	516 Weymouth Road, Weymouth
5007	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	56 Middlefield Drive, Manukau
5008	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	23 Inverell Avenue, Manurewa
5009	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	77 Wymondley Road, Otara

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5010	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	226 Bairds Road, Otara
5011	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	1373 Alfriston Road, RD 1 Ardmore
5012	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	599 Papakura-Clevedon Road, Ardmore
5013	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	70 Walter Strevens Drive, Conifer Grove
5014	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	10 Cosgrave Road, Papakura
5015	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	23-33 Young Crescent, Drury
5016	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	67 Settlement Road, Papakura
5017	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	171 Hingaia Road, Hingaia
5018	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	76 Kelvin Road, Papakura
5019	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	12A Tasman Drive, Papakura
5020	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	23 and 29 Ray Small Drive, Papakura
5021	Educational purposes - intermediate school (years 7-8) and may include early childhood education (preschool)	3 Willis Road, Papakura
5022	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	50 Settlement Road, Papakura
5023	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	143 Porchester Road, Takanini
5024	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	44-58 Beach Road, Papakura
5025	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	38 Park Estate Road, Papakura
5026	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	14 Mack Place, Papakura
5027	Rosehill College	5-11 Edinburgh Avenue, Papakura
5028	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	39 Takanini School Road, Takanini
5029	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	7 Steel Road, Ararimu
5030	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	14 Matakawau Road, RD 4 Waiuku
5031	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	35 Paparata Road, Bombay

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5032	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	72 George Crescent, Buckland
5033	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	459 Glenbrook Waiuku Road, Glenbrook
5034	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	43 Lockwood Road, RD 3 Papakura
5035	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	12 Blackbridge Road, Papakura
5036	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	389 Union Road, RD 3 Mauku
5037	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	35 Tuhimata Road, Paerata
5038	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	3 Matheson Road, RD 3, Paparimu
5039	Educational purposes - special school (years 0 - 13)	180 Wellington Street, Pukekohe
5040	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	38 Patumahoe Road, Patumahie
5041	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	10 France Street, Waiuku
5042	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	137-143 Runciman Road, Pukekohe
5043	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	12 Green Lane, Pukekohe
5044	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	44 Queen Street, Pukekohe
5045	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	29 Princes Street, Pukekohe
5046	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	357 Waiuku Road, RD 3 Puni
5047	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	126 Ararimu Road, RD 3 Drury
5048	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	60 Sandspit Road, Waiuku
5049	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	14 Harris Street, Pukekohe
5050	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	767-771 Linwood Road, Papakura
5051	Educational purposes - secondary school (years 7 - 13)	43 Constable Road, Waiuku
5052	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	42 East Street, Pukekohe
5053	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	16 View Road, Waiuku

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5054	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	571 Waiau Pa Road, Kingseat
5055	Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)	88A Creamery Road, RD 3 Waiuku

4900 The Gardens School

Designation Number	4900
Requiring Authority	Minister of Education
Location	101 Charles Prevost Drive, The Gardens
Rollover Designation	Yes
Legacy Reference	Designation 272, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4901 Alfriston College

Designation Number	4901
Requiring Authority	Minister of Education
Location	550 Porchester Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 286, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The Requiring Authority shall, either directly or through the School Board of Trustees, prepare and maintain, to the satisfaction of the Council, a School Travel Management Plan. The Plan shall be implemented within the first term of the operation of the school activity on the site, monitored over time, and reviewed as necessary to remain effective. The Plan shall have as an objective the safe transportation of pupils between homes and the school by means other than the private motor vehicle. The plan shall ensure the availability of storage for cycles, and encourage the use of alternatives to travel of students to the site by use of a private motor vehicle.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

4902 Anchorage Park School

Designation Number	4902
Requiring Authority	Minister of Education
Location	16 Swan Crescent, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 1, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4903 Aorere College

Designation Number	4903
Requiring Authority	Minister of Education
Location	8 Selfs Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 2, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4904 Bairds Education Centre

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	4904
Requiring Authority	Minister of Education
Location	52 Otara Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 5, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - senior high school (years 11 - 13), special school (years 0 - 13) and may include two(2) early childhood education pre-school(s).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The Bairds Senior High School (Years 11-13) shall be limited to a maximum of 400 students on site at any one time.
2. The Early Childhood Education Centres shall have a combined total of no greater than 100 children on site at any one time aged between zero and five years old.
3. The Special School shall be limited to a maximum of 100 students on site at any one time.
4. The number of car parking spaces required to be provided in to the use of any buildings on site for Educational Purposes – Senior High School shall be provided at a ratio of 1 parking space per 5 students, plus 2 accessible parking spaces.
5. The number of car parking spaces required to be provided in to the use of any buildings on site for Special School purposes shall be calculated at a ratio of 2 parking spaces for every 3 staff members employed on site or operating from the site at any one time, plus 1 space for every 30 pupils aged 15 years and over, and 1 accessible car parking space.
6. That bicycle stands/racks shall be provided adjacent to the main entrance of the Senior High School.
7. The Requiring Authority, either directly or through the School Board of Trustees, shall develop a School Travel Management Plan (STMP) for the secondary school which provides specifically for the safe transportation of pupils and measures to reduce vehicle dependency, including measures for car pooling, the encouragement of the use of public transport and of cycling and walking. This Plan shall be developed in consultation with staff at Council and submitted within 2 months of the alteration to the designation being confirmed. The STMP shall be maintained and regularly reviewed and updated as necessary to remain effective while the Centre is being operated under this designation.

Attachments

No attachments.

4905 Bairds Mainfreight Primary School

Designation Number	4905
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Minister of Education
Location	12 Edward Avenue, Otara
Rollover Designation	Yes
Legacy Reference	Designation 6, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4906 Baverstock Oaks School

Designation Number	4906
Requiring Authority	Minister of Education
Location	21 Baverstock Road
Rollover Designation	Yes
Legacy Reference	Designation 287, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4907 Beachlands School

Designation Number	4907
Requiring Authority	Minister of Education
Location	18 Bell Road, Beachlands
Rollover Designation	Yes
Legacy Reference	Designation 7, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4908 Botany Downs School

Designation Number	4908
Requiring Authority	Minister of Education
Location	35 Mirrabooka Ave Howick
Rollover Designation	Yes
Legacy Reference	Designation 8, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4909 Brookby School

Designation Number	4909
Requiring Authority	Minister of Education
Location	359 Brookby Road, Brookby
Rollover Designation	Yes
Legacy Reference	Designation 9, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

4910 Bucklands Beach Intermediate

Designation Number	4910
Requiring Authority	Minister of Education
Location	247 Bucklands Beach Road, Bucklands Beach
Rollover Designation	Yes
Legacy Reference	Designation 10, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4911 Bucklands Beach Primary School

Designation Number	4911
Requiring Authority	Minister of Education
Location	107 Clovelly Road, Bucklands Beach
Rollover Designation	Yes
Legacy Reference	Designation 11, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4912 Chapel Downs School

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	4912
Requiring Authority	Minister of Education
Location	170 Dawson Road, Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 12, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4913 Clayton Park School

Designation Number	4913
Requiring Authority	Minister of Education
Location	187 Coxhead Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 13, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4914 Clendon Park School

Designation Number	4914
Requiring Authority	Minister of Education
Location	145 Rowandale Avenue, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 14, Auckland Council District Plan (Manukau Section) 2002

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4915 Clendon Teen Parent Unit

Designation Number	4915
Requiring Authority	Minister of Education
Location	28 Palmers Road, Clendon Park
Rollover Designation	Yes
Legacy Reference	Designation 289, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. That the Clendon Teen Parent Unit and Ancillary Childcare Facility shall provide educational and associated child care facilities for up to 30 students and 30 children at any one time.
2. Practical and physical access to the rear of Weymouth Intermediate School over the Teen Parent Unit site shall be permanently maintained for the purpose of transporting relocatable classrooms onto or off the School campus, and for emergency access for emergency vehicles.
3. The lighting on site shall be sufficient for operational and security purposes and shall be designed in accordance with the District Plan: to prevent the intrusion of direct light into neighbouring properties.

Attachments

No attachments.

4916 Clevedon School

Designation Number	4916
Requiring Authority	Minister of Education

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	15 North Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 15, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4917 Cockle Bay School

Designation Number	4917
Requiring Authority	Minister of Education
Location	10 Sandspit Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 18, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4918 Dawson School

Designation Number	4918
Requiring Authority	Minister of Education
Location	94 Dawson Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 19, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4919 East Tamaki School

Designation Number	4919
Requiring Authority	Minister of Education
Location	196 Preston Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 20, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4920 Edgewater College

Designation Number	4920
Requiring Authority	Minister of Education
Location	32 Edgewater Drive, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 21, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

4921 Elm Park School

Designation Number	4921
Requiring Authority	Minister of Education
Location	46 Gossamer Drive, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 22, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4922 Everglade School

Designation Number	4922
Requiring Authority	Minister of Education
Location	64 Everglade Drive, Manukau Heights
Rollover Designation	Yes
Legacy Reference	Designation 23, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4923 Farm Cove Intermediate

Designation Number	4923
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Minister of Education
Location	14 Butley Drive, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 24, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4924 Favona School

Designation Number	4924
Requiring Authority	Minister of Education
Location	48 Wakefield Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 25, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4925 Ferguson Intermediate

Designation Number	4925
Requiring Authority	Minister of Education
Location	10 Ferguson Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 26, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4926 Finlayson Park School

Designation Number	4926
Requiring Authority	Minister of Education
Location	85 John Walker Drive, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 27, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4927 Ormiston Campus

Designation Number	4927
Requiring Authority	Minister of Education
Location	275-291 Ormiston Road, Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 294, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8), secondary school (years 7 - 13) and may include early childhood education (preschool).

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

The standard conditions for all Minister of Education designations apply to this designation.

Airport Noise

1. No "Activities Sensitive to Air Noise" are to be located on parts of the site identified as subject to "Moderate Aircraft Noise Area" controls, as identified and defined in the District Plan.

Concept Plan

2. The designation concept plan shall address the following matters:

- a. Main Building Area: all major buildings shall be located within the Main Building Area shown on the Designation Concept Plan (ASC Architects, September 2008);
- b. Ormiston Road Frontage: site development shall be such that a strong built edge along the Ormiston Road frontage is achieved. Building fronting Ormiston Road shall be designated so that an active edge to Ormiston Road is maximised as far as is practicable;
- c. Assembly Buildings: all buildings that may be open for the assembly of people outside of school hours, such as a theatre, auditorium, gymnasium, etc, shall be located so that their main entry foyer fronts directly onto either Ormiston Road, the through-site road or the Western Boundary Road in the event that the council has given notice to the Minister in accordance with Condition 12(c). The main entry foyer shall maximise clear glazing fronting the street to the maximum extent practicable;
- d. Gateway Buildings: buildings shall be located on both corners of the junction of Ormiston Road and the through-site road to achieve a gateway entrance to the site;
- e. Open Space Area: the Open Space Area (as shown on the Designation Concept Plan, ASC Architects, September 2008) shall provide primarily for active recreation playing fields. The Open Space Area may provide for recreation buildings and may also provide for minor educational buildings (including early childhood facilities) and service buildings;
- f. Secondary Access Points: Secondary Vehicular Access Points, if required shall be located generally where indicated on the Designation Concept Plan (ASC Architects, September 2008), but with regard to traffic volumes, safety, circulation and amenity of adjoining roads; and
- g. Through-Site Road: Site development shall be such that a strong built edge along both frontages of the through-site road is achieved and buildings fronting the through-site road shall be designed so that active edges to the road are maximised as far as is practicable.

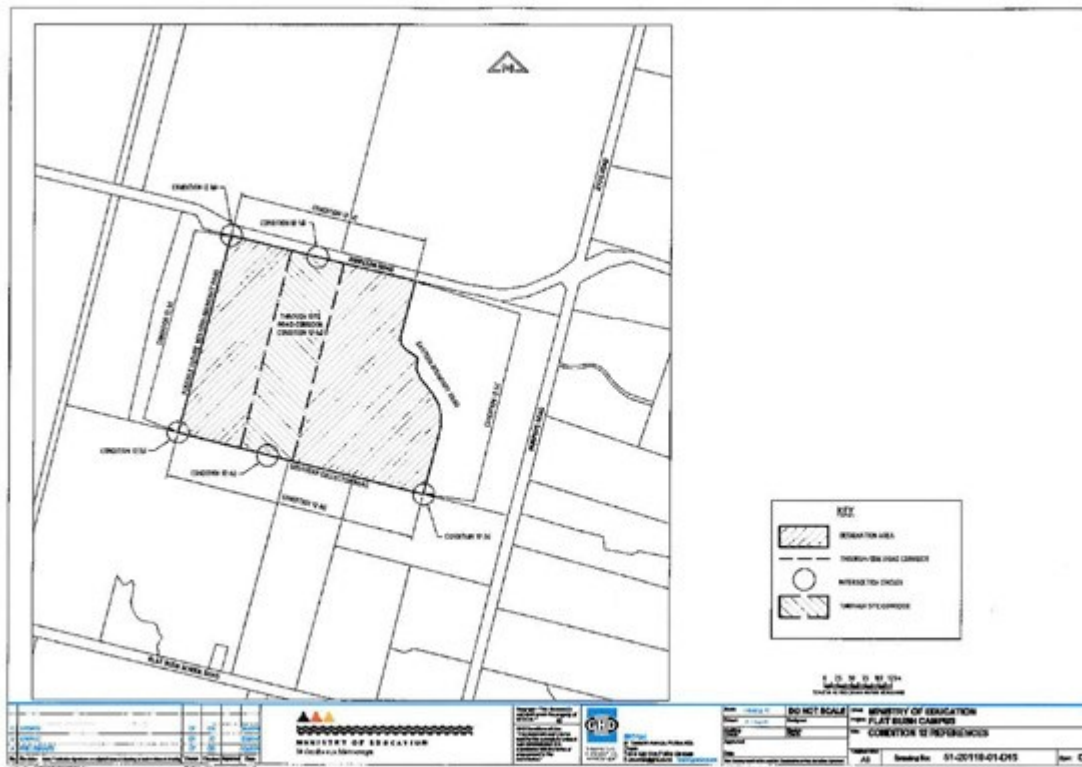
Transportation

3. That the Requiring Authority, either directly or through the School Board of Trustees, prepare and maintain a School Travel Management Plan, to the satisfaction of the Council. The Plan shall be implemented within the first term of the operation of the school activity on the site, monitored over time, and reviewed as necessary to remain effective. The Plan shall have as an objective the safe transportation of pupils between homes and the school by means other than the private motor vehicle. The plan shall ensure the availability of walking school buses and covered storage for cycles, and encourage the use of alternatives to travel of pupils to the site by use of a private motor vehicle.

Attachments

Designation Concept Plan

The Proposed Auckland Unitary Plan (notified 30 September 2013)



4928 Flat Bush School

Designation Number

4928

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Minister of Education
Location	20 Flat Bush Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 28, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4929 Greenmeadows Intermediate School

Designation Number	4929
Requiring Authority	Minister of Education
Location	27 Greenmeadows Avenue, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 29, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4930 Hillpark School

Designation Number	4930
Requiring Authority	Minister of Education
Location	55 Grande Vue Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 31, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4931 Blind and Low Vision Education Network

Designation Number	4931
Requiring Authority	Minister of Education
Location	155 Browns Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 33, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - special school (years 0 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4932 Homai School

Designation Number	4932
Requiring Authority	Minister of Education
Location	89 Browns Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 32, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

4933 Howick College

Designation Number	4933
Requiring Authority	Minister of Education
Location	25 Sandspit Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 36, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4934 Howick Intermediate School

Designation Number	4934
Requiring Authority	Minister of Education
Location	15 Botany Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 34, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4935 Howick Primary School

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	4935
Requiring Authority	Minister of Education
Location	40 Willoughby Avenue, Howick
Rollover Designation	Yes
Legacy Reference	Designation 35, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4936 James Cook High School

Designation Number	4936
Requiring Authority	Minister of Education
Location	18 Dr Pickering Avenue, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 37, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - Primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4937 Jean Batten School

Designation Number	4937
Requiring Authority	Minister of Education
Location	6 Imrie Avenue, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 38, Auckland Council District Plan (Manukau Section) 2002

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4938 Mission Heights Junior College

Designation Number	4938
Requiring Authority	Minister of Education
Location	103-123 Jeffs Road, Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 292, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - junior high school (years 7-10) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. That the Requiring Authority, either directly or through the School Board of Trustees, prepare and maintain, to the satisfaction of the Council, a School Travel Management Plan. The Plan shall be implemented within the first term of the operation of the school activity on the site, monitored over time, and reviewed as necessary to remain effective. The Plan shall have as an objective the safe transportation of pupils between homes and the school by means other than the private motor vehicle. The plan shall ensure the availability of covered storage for cycles and encourage the use of alternatives to travel of students to the site by use of a private motor vehicle

2. That cycle storage identified in the School Travel Management Plan in condition (1) above be provided at a ratio of 1 per 5 pupils over year 4.

Attachments

No attachments.

4939 Kedgley Intermediate School

Designation Number	4939
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Minister of Education
Location	181 Portage Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 39, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4940 Kia Aroha College

Designation Number	4940
Requiring Authority	Minister of Education
Location	51 Othello Drive, Wiri
Rollover Designation	Yes
Legacy Reference	Designation 16, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4941 Kingsford School

Designation Number	4941
Requiring Authority	Minister of Education
Location	54 Raglan Street, Mangere East
Rollover Designation	Yes
Legacy Reference	Designation 40, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4942 Koru School

Designation Number	4942
Requiring Authority	Minister of Education
Location	71 Robertson Road, Mangere East
Rollover Designation	Yes
Legacy Reference	Designation 41, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4943 Leabank School

Designation Number	4943
Requiring Authority	Minister of Education
Location	7 Dr Pickering Avenue, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 42, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

4944 Macleans College

Designation Number	4944
Requiring Authority	Minister of Education
Location	32 Macleans Road, Bucklands Beach
Rollover Designation	Yes
Legacy Reference	Designation 44, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4945 Macleans Primary School

Designation Number	4945
Requiring Authority	Minister of Education
Location	10 Wycherley Drive, Bucklands Beach
Rollover Designation	Yes
Legacy Reference	Designation 43, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4946 Mangere Bridge School

Designation Number	4946
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Minister of Education
Location	2 Domain Road, Mangere Bridge
Rollover Designation	Yes
Legacy Reference	Designation 48, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4947 Mangere Central School

Designation Number	4947
Requiring Authority	Minister of Education
Location	244 Kirkbride Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 46, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4948 Mangere College

Designation Number	4948
Requiring Authority	Minister of Education
Location	51 Bader Drive, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 45, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4949 Mangere East School

Designation Number	4949
Requiring Authority	Minister of Education
Location	21 Yates Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 47, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4950 Southern Cross Campus

Designation Number	4950
Requiring Authority	Minister of Education
Location	253 Buckland Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designations 49 and 60, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4951 Manurewa Central School

Designation Number	4951
Requiring Authority	Minister of Education
Location	4 Hill Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 53, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4952 Manurewa East School

Designation Number	4952
Requiring Authority	Minister of Education
Location	14 Scotts Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 51, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4953 Manurewa High School

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	4953
Requiring Authority	Minister of Education
Location	61 and 67 Browns Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 54, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4954 Manurewa Intermediate

Designation Number	4954
Requiring Authority	Minister of Education
Location	76 Russell Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 55, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4955 Manurewa South School

Designation Number	4955
Requiring Authority	Minister of Education
Location	37 Tawa Crescent, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 52, Auckland Council District Plan (Manukau Section) 2002

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4956 Manurewa West School

Designation Number	4956
Requiring Authority	Minister of Education
Location	29 McKean Avenue, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 50, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4957 Maraetai Beach School

Designation Number	4957
Requiring Authority	Minister of Education
Location	154 Maraetai Drive, Maraetai Beach
Rollover Designation	Yes
Legacy Reference	Designation 56, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4958 Mayfield School

Designation Number	4958
Requiring Authority	Minister of Education
Location	12 Pearl Baker Drive, Otara
Rollover Designation	Yes
Legacy Reference	Designation 57, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4959 Mellons Bay School

Designation Number	4959
Requiring Authority	Minister of Education
Location	140 Mellons Bay Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 58, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4960 Mountain View School

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	4960
Requiring Authority	Minister of Education
Location	81 Mountain Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 59, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4961 Nga Iwi School

Designation Number	4961
Requiring Authority	Minister of Education
Location	60 Mascot Avenue, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 61, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4963 Orere School

Designation Number	4963
Requiring Authority	Minister of Education
Location	275 Orere Point Road
Rollover Designation	Yes
Legacy Reference	Designation 62, Auckland Council District Plan (Manukau Section) 2002

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4964 Owairoa School

Designation Number	4964
Requiring Authority	Minister of Education
Location	85 Nelson Street, Howick
Rollover Designation	Yes
Legacy Reference	Designation 63, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4965 Pakuranga College

Designation Number	4965
Requiring Authority	Minister of Education
Location	500 Pakuranga Road, Highland Park
Rollover Designation	Yes
Legacy Reference	Designation 64, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4966 Pakuranga Heights School

Designation Number	4966
Requiring Authority	Minister of Education
Location	77 Udys Road, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 65, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4967 Pakuranga Intermediate

Designation Number	4967
Requiring Authority	Minister of Education
Location	45 Reeves Road, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 66, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

4968 Papatoetoe Central School

Designation Number	4968
Requiring Authority	Minister of Education
Location	317 Great South Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 73, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4969 Papatoetoe East School

Designation Number	4969
Requiring Authority	Minister of Education
Location	138 Tui Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 68, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4970 Papatoetoe High School

Designation Number	4970
Requiring Authority	Minister of Education
Location	107 Tui Road, Papatoetoe
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation 72, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4971 Papatoetoe Intermediate

Designation Number	4971
Requiring Authority	Minister of Education
Location	175 Motatau Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 69, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4972 Papatoetoe North School

Designation Number	4972
Requiring Authority	Minister of Education
Location	25 Graeme Avenue, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 74, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4973 Papatoetoe South School

Designation Number	4973
Requiring Authority	Minister of Education
Location	58 Milan Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 70, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4974 Papatoetoe West School

Designation Number	4974
Requiring Authority	Minister of Education
Location	24 Station Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 71, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

4975 Pigeon Mountain School

Designation Number	4975
Requiring Authority	Minister of Education
Location	25 Loloma Drive, Bucklands Beach
Rollover Designation	Yes
Legacy Reference	Designation 75, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4976 Point View School

Designation Number	4976
Requiring Authority	Minister of Education
Location	25 Kilkenny Drive, Howick
Rollover Designation	Yes
Legacy Reference	Designation 273, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4977 Proposed Intermediate School

Designation Number	4977
Requiring Authority	Minister of Education
Location	51 Eugenia Rise, Manukau
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation 78, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Educational purposes - intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4978 Elim Primary School

Designation Number	4978
Requiring Authority	Minister of Education
Location	94 Golfland Drive, Howick
Rollover Designation	Yes
Legacy Reference	Designation 274, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4979 Botany Downs Secondary College

Designation Number	4979
Requiring Authority	Minister of Education
Location	575 Chapel Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 277, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4980 Puhinui School

Designation Number	4980
Requiring Authority	Minister of Education
Location	116 Puhinui Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 80, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4981 Randwick Park School

Designation Number	4981
Requiring Authority	Minister of Education
Location	66 Riverton Drive, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 271, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

4982 Redoubt North School

Designation Number	4982
Requiring Authority	Minister of Education
Location	47 Diorella Drive, Manukau
Rollover Designation	Yes
Legacy Reference	Designation 81, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4983 Riverhills School

Designation Number	4983
Requiring Authority	Minister of Education
Location	13 Waikaremoana Place, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 82, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4984 Riverina School

Designation Number	4984
Requiring Authority	Minister of Education
Location	30 Millen Avenue, Pakuranga

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Rollover Designation	Yes
Legacy Reference	Designation 83, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4985 Robertson Road School

Designation Number	4985
Requiring Authority	Minister of Education
Location	203 Robertson Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 84, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4986 Rongomai School

Designation Number	4986
Requiring Authority	Minister of Education
Location	20 Rongomai Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 85, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4987 Roscommon School

Designation Number	4987
Requiring Authority	Minister of Education
Location	23 Burundi Avenue, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 86, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4988 Rowandale School

Designation Number	4988
Requiring Authority	Minister of Education
Location	73 Rowandale Avenue, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 87, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

4989 Shelly Park School

Designation Number	4989
Requiring Authority	Minister of Education
Location	11 Sunnyview Avenue, Howick
Rollover Designation	Yes
Legacy Reference	Designation 88, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4990 Sir Douglas Bader Intermediate School

Designation Number	4990
Requiring Authority	Minister of Education
Location	6 Court Town Close, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 4, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4991 Sir Edmund Hillary Collegiate Senior School

Designation Number	4991
Requiring Authority	Minister of Education
Location	2 Franklyne Road, Otara

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Rollover Designation	Yes
Legacy Reference	Designation 30, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4992 Sir Keith Park School

Designation Number	4992
Requiring Authority	Minister of Education
Location	33 Robertson Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 89, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4993 Somerville Intermediate School

Designation Number	4993
Requiring Authority	Minister of Education
Location	39 Somerville Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 76, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Educational purposes - intermediate school (years 7 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4994 Mary MacKillop School

Designation Number	4994
Requiring Authority	Minister of Education
Location	10 McNaughton Avenue, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 90, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4995 Sunny Hills School

Designation Number	4995
Requiring Authority	Minister of Education
Location	16 Fordyce Avenue, Sunnyhills, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 91, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

4996 Sutton Park School

Designation Number	4996
Requiring Authority	Minister of Education
Location	89 Vine Street, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 92, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4997 Tangaroa College

Designation Number	4997
Requiring Authority	Minister of Education
Location	68 Dawson Road, Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 93, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4998 Te Kura Kaupapa Māori o Māngere

Designation Number	4998
Requiring Authority	Minister of Education
Location	7 Comet Crescent, Mangere

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Rollover Designation	Yes
Legacy Reference	Designation 3, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - kura kaupapa Māori (years 0 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

4999 Te Kura Akonga o Manurewa

Designation Number	4999
Requiring Authority	Minister of Education
Location	21 Trounson Avenue, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 267, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5000 Te Matauranga

Designation Number	5000
Requiring Authority	Minister of Education
Location	206 Finlayson Ave, Weymouth
Rollover Designation	Yes
Legacy Reference	Designation 79, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Educational purposes - primary school (years 0 - 13) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. Te Mātauranga Early Childcare Centre shall provide child care facilities for a maximum of 43 children aged up to 5 years at any one time.

Attachments

No attachments.

5001 Viscount School

Designation Number	5001
Requiring Authority	Minister of Education
Location	65 Viscount Street, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 94, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5002 Wakaaranga School

Designation Number	5002
Requiring Authority	Minister of Education
Location	16 Butley Drive, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 96, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5003 Waterlea Public School

Designation Number	5003
Requiring Authority	Minister of Education
Location	17 House Avenue, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 97, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5004 Reremoana Primary School

Designation Number	5004
Requiring Authority	Minister of Education
Location	15 Scotsmoor Drive, Wattle Downs
Rollover Designation	Yes
Legacy Reference	Designation 77, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5005 Weymouth Intermediate

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	5005
Requiring Authority	Minister of Education
Location	44 Palmers Road, Weymouth
Rollover Designation	Yes
Legacy Reference	Designation 98, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5006 Weymouth School

Designation Number	5006
Requiring Authority	Minister of Education
Location	516 Weymouth Road, Weymouth
Rollover Designation	Yes
Legacy Reference	Designation 99, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5007 Willowbank Primary School

Designation Number	5007
Requiring Authority	Minister of Education
Location	56 Middlefield Drive, Manukau
Rollover Designation	Yes
Legacy Reference	Designation 275, Auckland Council District Plan (Manukau Section) 2002

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The school will have a maximum roll of 540 pupils provided that the roll will be able to exceed 540 pupils up to a maximum of 700 pupils for a period not exceeding three years.

Attachments

No attachments.

5008 Wiri Central School

Designation Number	5008
Requiring Authority	Minister of Education
Location	23 Inverell Avenue, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 100, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5009 Wymondley Road School

Designation Number	5009
Requiring Authority	Minister of Education
Location	77 Wymondley Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 101, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5010 Yendarra School

Designation Number	5010
Requiring Authority	Minister of Education
Location	226 Bairds Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 102, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5011 Alfriston School

Designation Number	5011
Requiring Authority	Minister of Education
Location	1373 Alfriston Road RD1, Ardmore
Rollover Designation	Yes
Legacy Reference	Designation 17, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

5012 Ardmore School

Designation Number	5012
Requiring Authority	Minister of Education
Location	599 Papakura-Clevedon Road, Ardmore
Rollover Designation	Yes
Legacy Reference	Designation 16, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5013 Conifer Grove School

Designation Number	5013
Requiring Authority	Minister of Education
Location	70 Walter Strevens Drive, Conifer Grove, Takanini
Rollover Designation	Yes
Legacy Reference	Designation 19, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5014 Cosgrove School

Designation Number	5014
Requiring Authority	Minister of Education
Location	10 Cosgrave Road Papakura

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Rollover Designation	Yes
Legacy Reference	Designation 21, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5015 Drury School

Designation Number	5015
Requiring Authority	Minister of Education
Location	23-33 Young Crescent, Drury
Rollover Designation	Yes
Legacy Reference	Designation 37, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5016 Edmund Hillary School

Designation Number	5016
Requiring Authority	Minister of Education
Location	67 Settlement Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 25, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5017 Hingaia Peninsula School

Designation Number	5017
Requiring Authority	Minister of Education
Location	171 Hingaia Road, Hingaia
Rollover Designation	Yes
Legacy Reference	Designation 21, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

1. The school design and building layout will accommodate the possibility of a north-south side road, perpendicular to Hingaia Road.
2. If the school is built prior to this road being available for use, access and egress will be from Hingaia Road. In this case, the school design will allow for design modifications so that when the side road is operational the school will take access and egress from the side road and access and egress from Hingaia Road will be permanently closed.
3. The school design and building layout must provide for long term vehicle access and egress to the site from a side road, and not directly from Hingaia Road.

Attachments

No attachments.

5018 Kelvin Road School

Designation Number	5018
Requiring Authority	Minister of Education
Location	76 Kelvin Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 24, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5019 Opaheke School

Designation Number	5019
Requiring Authority	Minister of Education
Location	12A Tasman Drive, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 34, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5020 Papakura Central School

Designation Number	5020
Requiring Authority	Minister of Education
Location	23 and 29 Ray Small Drive, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 31, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5021 Papakura High School

Designation Number	5021
Requiring Authority	Minister of Education
Location	3 Willis Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 22, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - intermediate school (years 7-8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5022 Mansell Senior School

Designation Number	5022
Requiring Authority	Minister of Education
Location	50 Settlement Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 23, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5023 Papakura Normal School

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	5023
Requiring Authority	Minister of Education
Location	143 Porchester Road, Takanini
Rollover Designation	Yes
Legacy Reference	Designation 20, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5024 Papakura South School

Designation Number	5024
Requiring Authority	Minister of Education
Location	44-58 Beach Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 33, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5025 Park Estate School

Designation Number	5025
Requiring Authority	Minister of Education
Location	38 Park Estate Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 36, Auckland Council District Plan (Papakura Section) 1999

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5026 Redhill School

Designation Number	5026
Requiring Authority	Minister of Education
Location	14 Mack Place, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 35, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5027 Rosehill College

Designation Number	5027
Requiring Authority	Minister of Education
Location	5-11 Edinburgh Ave, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 32, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8), secondary school (years 7 - 13) and may include early childhood education (preschool).

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5028 Takanini School

Designation Number	5028
Requiring Authority	Minister of Education
Location	39 Takanini School Road, Takanini
Rollover Designation	Yes
Legacy Reference	Designation 18, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5029 Ararimu School

Designation Number	5029
Requiring Authority	Minister of Education
Location	7 Steel Road, Ararimu
Rollover Designation	Yes
Legacy Reference	Designation 47, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

5030 Awhitu District School

Designation Number	5030
Requiring Authority	Minister of Education
Location	14 Matakawau Rd, RD 4 Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 49, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5031 Bombay School

Designation Number	5031
Requiring Authority	Minister of Education
Location	35 Paparata Road, Bombay
Rollover Designation	Yes
Legacy Reference	Designation 61, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5032 Buckland School

Designation Number	5032
Requiring Authority	Minister of Education
Location	72 George Crescent, Buckland
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation 58, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5033 Glenbrook School

Designation Number	5033
Requiring Authority	Minister of Education
Location	459 Glenbrook Waiuku Road, Glenbrook
Rollover Designation	Yes
Legacy Reference	Designation 41, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5034 Hunua School

Designation Number	5034
Requiring Authority	Minister of Education
Location	43 Lockwood Road, RD3, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 62, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5035 Karaka School

Designation Number	5035
Requiring Authority	Minister of Education
Location	12 Blackbridge Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 43, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5036 Mauku School

Designation Number	5036
Requiring Authority	Minister of Education
Location	389 Union Road RD 3, Mauku
Rollover Designation	Yes
Legacy Reference	Designation 55, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

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5037 Paerata School

Designation Number	5037
Requiring Authority	Minister of Education
Location	35 Tuhimata Road, Paerata
Rollover Designation	Yes
Legacy Reference	Designation 57, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5038 Paparimu School

Designation Number	5038
Requiring Authority	Minister of Education
Location	3 Matheson Road, RD 3 Paparimu
Rollover Designation	Yes
Legacy Reference	Designation 48, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5039 Parkside School

Designation Number	5039
Requiring Authority	Minister of Education
Location	180 Wellington Street, Pukekohe
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation 148, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - special school (years 0 - 13)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5040 Patumahoe Primary School

Designation Number	5040
Requiring Authority	Minister of Education
Location	38 Patumahoe Road, Patumahie
Rollover Designation	Yes
Legacy Reference	Designation 56, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5041 Waiuku Primary School

Designation Number	5041
Requiring Authority	Minister of Education
Location	10 France Street, Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 37, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5042 Pukekohe East School

Designation Number	5042
Requiring Authority	Minister of Education
Location	137 - 143 Runciman Road, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 45, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5043 Pukekohe Hill School

Designation Number	5043
Requiring Authority	Minister of Education
Location	12 Green Lane, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 71, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

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5044 Pukekohe Intermediate

Designation Number	5044
Requiring Authority	Minister of Education
Location	44 Queen Street, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 68, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5045 Pukekohe North School

Designation Number	5045
Requiring Authority	Minister of Education
Location	29 Princes Street, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 70, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5046 Puni School

Designation Number	5046
Requiring Authority	Minister of Education
Location	357 Waiuku Road, RD3, Puni
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation 66, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5047 Ramarama School

Designation Number	5047
Requiring Authority	Minister of Education
Location	126 Ararimu Road, RD 3 Drury
Rollover Designation	Yes
Legacy Reference	Designation 46, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5048 Sandspit Road School

Designation Number	5048
Requiring Authority	Minister of Education
Location	60 Sandspit Road, Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 76, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5049 Pukekohe High School

Designation Number	5049
Requiring Authority	Minister of Education
Location	14 Harris Street, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 67, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5050 Te Hihi School

Designation Number	5050
Requiring Authority	Minister of Education
Location	767-771 Linwood Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 54, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

5051 Waiuku College

Designation Number	5051
Requiring Authority	Minister of Education
Location	43 Constable Road, Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 77, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - secondary school (years 7 - 13).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5052 Valley School

Designation Number	5052
Requiring Authority	Minister of Education
Location	42 East Street, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 69, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5053 View Road School

Designation Number	5053
Requiring Authority	Minister of Education
Location	16 View Road, Waiuku
Rollover Designation	Yes

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Legacy Reference	Designation 78, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5054 Waiau Pa School

Designation Number	5054
Requiring Authority	Minister of Education
Location	571 Waiau Pa Road, Kingseat
Rollover Designation	Yes
Legacy Reference	Designation 53, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

5055 Waipipi School

Designation Number	5055
Requiring Authority	Minister of Education
Location	88A Creamery Road, RD 3, Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 40, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Educational purposes - primary school (years 0 - 8) and may include early childhood education (preschool).

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Conditions

The standard conditions for all Minister of Education designations apply to this designation.

Attachments

No attachments.

Minister of Immigration

Designation Schedule - Minister of Immigration

Number	Purpose	Location
5500	Refugee resettlement centre ...	251 Massey Road, Mangere

5500 Refugee Resettlement Centre

Designation Number	5500
Requiring Authority	Minister of Immigration
Location	251 Massey Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 141, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Refugee resettlement centre - short to medium term accommodation for migrants seeking residence in New Zealand and persons seeking refugee status who are considered to be of low risk or threat to security and are held in technical custody but not physically detained.

Conditions

No conditions.

Attachments

No attachments.

Minister of Police

Designation Schedule - Minister of Police

Number	Purpose	Location
5700	Police purposes - Auckland Police Station	67-101 Vincent Street, Auckland Central
5701	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	1832-1834 Great North Road, Avondale
5702	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	1-3 Halston Road, Balmoral
5703	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	488 Roscommon Road, Manurewa

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5704	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	7 Buscomb Avenue, Henderson
5705	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	92 Bader Drive, Mangere
5706	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	42 Manukau Station Road, Manukau City Centre
5707	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	12-16 Halver Road, Manurewa
5708	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	390 Don Buck Road, Massey
5709	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	3092 Great North Road, New Lynn
5710	Northern Region Police Headquarters	482-486 Great South Road, Otahuhu
5711	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	112 Bairds Road, Otara
5712	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	7 St George St, Papatoetoe
5713	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	492 Te Atatu Road, Te Atatu
5714	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	16 Library Lane, Albany
5715	Police patrol base and dog section	35 Main Highway Ellerslie
5716	Police communication purposes	159 Great North Road, Arch Hill
5717	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	10 Bayview Road, Browns Bay
5718	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	88-90 Line Road, Glen Innes
5719	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	365 Glenfield Road, Glenfield
5720	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	6-12 Rimu Street, Helensville
5721	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	4-6 Matua Road, Huapai
5722	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	1213 Dominion Rd, Mt Roskill
5723	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	58 Remuera Rd, Newmarket
5724	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	126 Onehunga Mall, Onehunga
5725	Police purposes	4-6 Riverside Road, Orewa
5726	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	176 Great South Road, Otahuhu

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5727	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	64 Wood Street, Papakura
5728	Police and emergency services radiocommunication and telecommunication	501 Otau Mountain Road, Clevedon
5729	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	19 Pollen Street, Ponsonby
5730	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	12 Jervois Road, Ponsonby
5731	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	31-39 Manukau Road, Pukekohe
5732	Motorway patrol office	14 Tecoma Street, Ellerslie
5733	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	Corner Anzac Street and The Terrace, Takapuna
5734	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	3-7 Court Street, Waiuku
5735	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	6 Falls Street, Warkworth
5736	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	108 Rodney Street (State Highway 1), Wellsford
5737	Construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility ...	716 Whangaparoa Road, Stanmore Bay
5738	Motorway administration and maintenance	28 Sulphur Beach Road, Northcote Point

5700 Auckland Central Police Station

Designation Number	5700
Requiring Authority	Minister of Police
Location	67-101 Vincent Street, Auckland CBD
Rollover Designation	Yes
Legacy Reference	Designation 290, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Police purposes - Auckland Police Station.

Conditions

1. That development of the site shall comply with the underlying development controls for the site except in the following circumstances:

- a. The maximum Floor Area Ratio can be sought without requiring the inclusion of bonus features within the development;
- b. The underlying development controls shall not apply to the addition or relocation of existing antennas and ancillary equipment attached to the tower located on the roof of the building that exists as at May 2013; and

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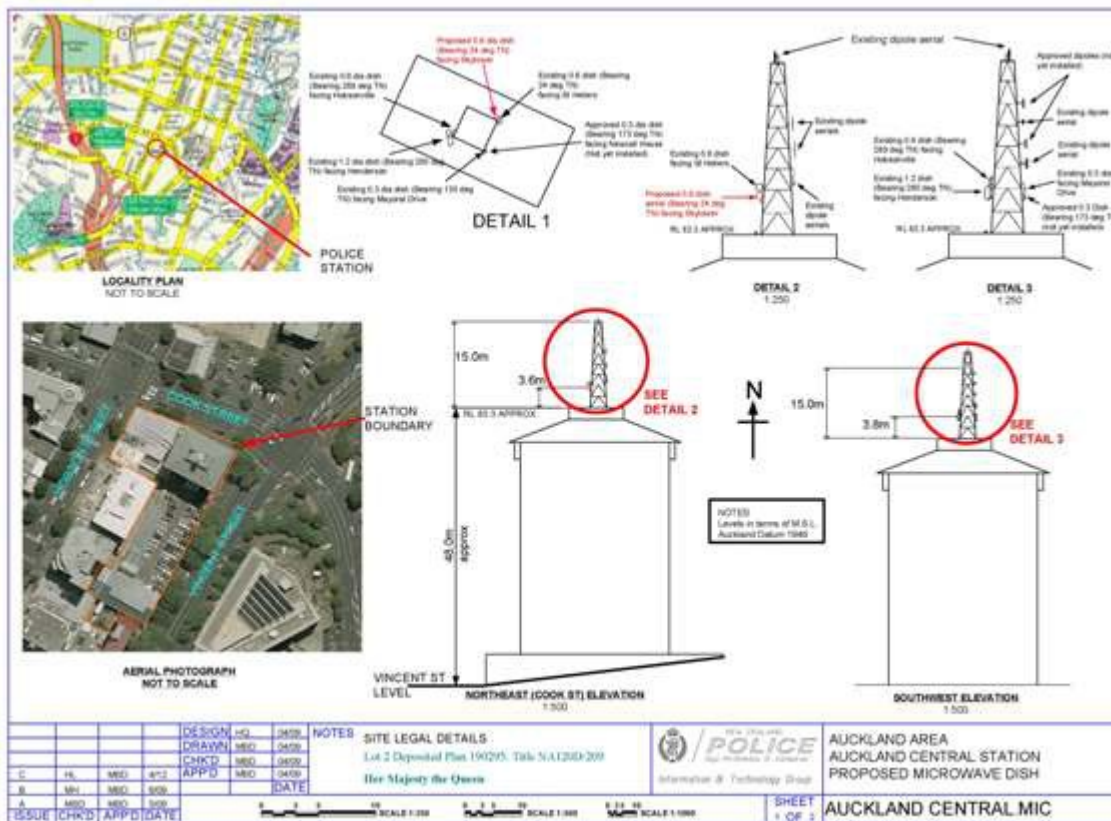
c. Future development of the site may retain the maximum building height (and intrusion into the volcanic view shaft) as the existing CPS building.

Advice Note

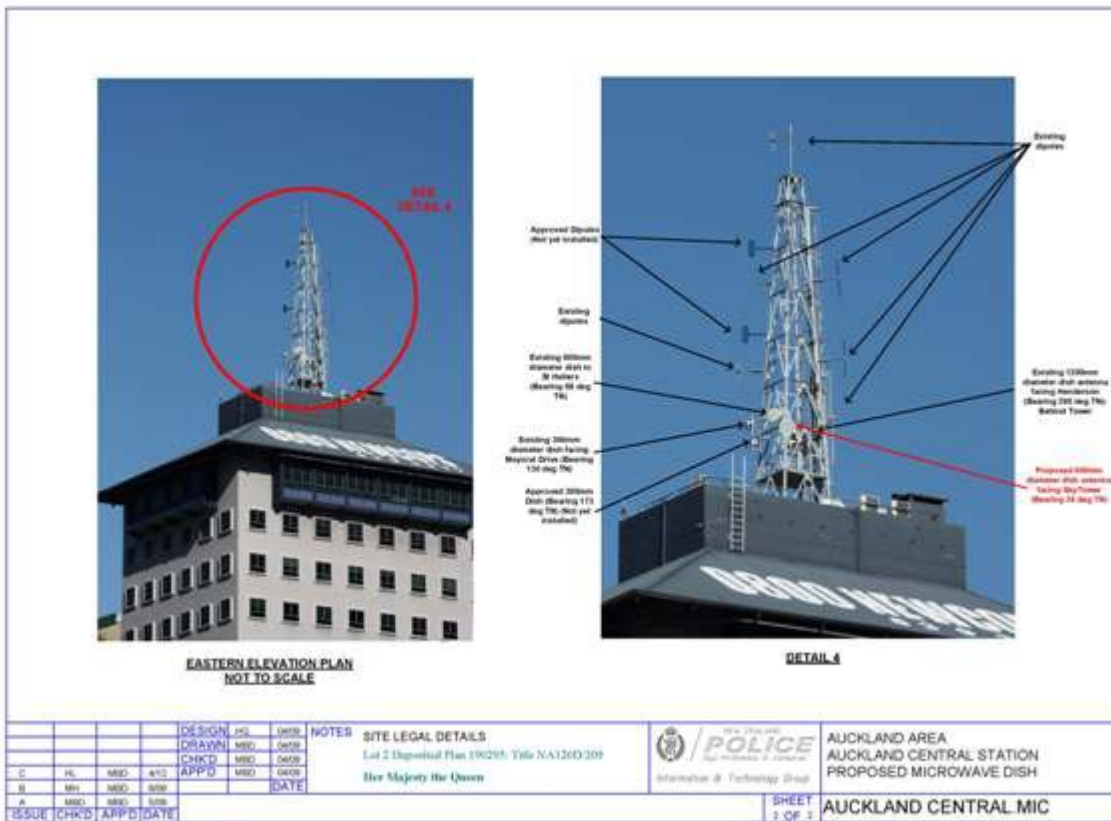
1. Condition 1 does not apply if the proposed development of the site is permitted by obtaining a resource consent for the development.

Attachments

Proposed Microwave Dish - Site Plan, Elevations and Photo Diagram



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5701 Avondale Police Station

Designation Number	5701
Requiring Authority	Minister of Police
Location	1832-1834 Great North Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation E03-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

1. Parallel to the eastern boundary and for its full length as far as the transport garage a solid 1.8m high screen wall shall be provided, and the boundary planting adjacent to it shall not exceed the height of this wall. On the southern boundary a 1.8m high timber or timber and masonry screen fence shall be provided.
2. That at least 41 parking spaces be provided on site including two within the garage building in the southeast corner of the site and that all parking and manoeuvring areas, drives and aisles be formed, provided with an all weather surface, drained marked and maintained at all times to the satisfaction of the Council.

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Mitigation of Effects

3. That the first vehicle crossing in Walsall Street be located at least 8.5m from the corner and be marked to indicate that no entry is permitted from Walsall Street.

4. That transport garage shall provide for a minimum of two parking spaces and its use shall be limited to storage of equipment and vehicles.

5. That noise including that generated by any building services shall under normal circumstances comply with the following levels -

The L10 noise level and maximum level arising from any activity measured at or within the boundary of any residential property shall not exceed the following limits:

Times	dBA Level
Monday to Sunday 7am - 10pm	L10: 50dBA
Sunday and Public Holidays 9am - 6pm	L10: 50dBA
At all other times	L10: 40 dBA

6. That under normal circumstances access to and from the site between the hours of 10pm and 6am shall be from Great North Road only.

7. That any lighting shall be designed to prevent excessive light falling on surrounding residential land and to minimise reflected light from such fittings.

Attachments

No attachments.

5702 Balmoral Police Station

Designation Number	5702
Requiring Authority	Minister of Police
Location	1-3 Halston Road, Balmoral
Rollover Designation	Yes
Legacy Reference	Designation E07-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

1. That significant landscaping and planting be maintained in the front yard on Halston Road and the side boundary to 5 Halston Road.

2. That parking area in the front yard be maintained and marked out as visitor parking.

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3. That the colour of the buildings be maintained sympathetic to adjacent dwellings.

Attachments

No attachments.

5703 Clendon Community Policing Centre

Designation Number	5703
Requiring Authority	Minister of Police
Location	488 Roscommon Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 122, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

1. Parking, loading and access shall be in accordance with the underlying zoning and provisions of Rule 4.2.1 of the Proposed Unitary Plan.

2. An Outline Plan of Works for any development that triggers additional parking demand, loading or access requirements to the site will be assessed against the relevant assessment criteria under Rule 4.2.1.2.4.1 of the Proposed Unitary Plan.

3. The requiring authority may be required to meet the reasonable costs of all new access and traffic management works (including any additional land required to accommodate these works) associated with the development or redevelopment to the extent that such works are required to meet safety, access, or egress or amenity considerations related to the development or redevelopment or where the works are required to mitigate the likely adverse effects from the development or redevelopment on the safety or operation of the transport network.

Attachments

No attachments.

5704 Henderson Police Station

Designation Number	5704
Requiring Authority	Minister of Police
Location	7 Buscomb Avenue, Henderson
Rollover Designation	Yes
Legacy Reference	Designation MP1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5705 Mangere Police Station

Designation Number	5705
Requiring Authority	Minister of Police
Location	92 Bader Drive, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 120, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

1. Parking, loading and access shall be in accordance with the underlying zoning and provisions of Rule 4.2.1 of the Proposed Unitary Plan.
2. An Outline Plan of Works for any development that triggers additional parking demand, loading or access requirements to the site will be assessed against the relevant assessment criteria under Rule 4.2.1.2.4.1 of the Proposed Unitary Plan.
3. The requiring authority may be required to meet the reasonable costs of all new access and traffic management works (including any additional land required to accommodate these works) associated with the development or redevelopment to the extent that such works are required to meet safety, access, or egress or amenity considerations related to the development or redevelopment or where the works are required to mitigate the likely adverse effects from the development or redevelopment on the safety or operation of the transport network.

Attachments

No attachments.

5706 Manukau Police Station

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Designation Number	5706
Requiring Authority	Minister of Police
Location	42 Manukau Station Road, Manukau City Centre
Rollover Designation	Yes
Legacy Reference	Designation 126, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

1. Parking, loading and access shall be in accordance with the underlying zoning and provisions of Rule 4.2.1 of the Proposed Unitary Plan.
2. An Outline Plan of Works for any development that triggers additional parking demand, loading or access requirements to the site will be assessed against the relevant assessment criteria under Rule 4.2.1.2.4.1 of the Proposed Unitary Plan.
3. The requiring authority may be required to meet the reasonable costs of all new access and traffic management works (including any additional land required to accommodate these works) associated with the development or redevelopment to the extent that such works are required to meet safety, access, or egress or amenity considerations related to the development or redevelopment or where the works are required to mitigate the likely adverse effects from the development or redevelopment on the safety or operation of the transport network.

Attachments

No attachments.

5707 Manuwera Police Station

Designation Number	5707
Requiring Authority	Minister of Police
Location	12-16 Halver Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 121, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

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Conditions

1. Parking, loading and access shall be in accordance with the underlying zoning and provisions of Rule 4.2.1 of the Proposed Unitary Plan.
2. An Outline Plan of Works for any development that triggers additional parking demand, loading or access requirements to the site will be assessed against the relevant assessment criteria under Rule 4.2.1.2.4.1 of the Proposed Unitary Plan.
3. The requiring authority may be required to meet the reasonable costs of all new access and traffic management works (including any additional land required to accommodate these works) associated with the development or redevelopment to the extent that such works are required to meet safety, access, or egress or amenity considerations related to the development or redevelopment or where the works are required to mitigate the likely adverse effects from the development or redevelopment on the safety or operation of the transport network.

Attachments

No attachments.

5708 Massey Community Policing Centre

Designation Number	5708
Requiring Authority	Minister of Police
Location	390 Don Buck Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation MP4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

1. New buildings and structures shall not exceed a height of 10 metres as measured from the average ground level at the base of the new building, provided that any masts, poles and radio and television aerials which are attached to the building and do not project more than 6 metres above the part of the building to which they are attached shall not be included in the calculation of height.

Attachments

No attachments.

5709 New Lynn Police Station

Designation Number	5709
Requiring Authority	Minister of Police

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	3092 Great North Road, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation MP3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

1. Work which affects the exterior of the New Lynn Police Station building, described in the heritage schedule as CHI 1619, shall be limited to repairs, maintenance and works such as security lighting, alarms and cameras which are required for security purposes. Such work shall be carried out without an outline plan of works.

Attachments

No attachments.

5710 Northern Region Police Headquarters

Designation Number	5710
Requiring Authority	Minister of Police
Location	482-486 Great South Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J14-25, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Northern Region Police Headquarters.

Conditions

1. The work shall be undertaken in general accordance with the notice of requirement and supporting documents.

2. The noise control imposed at the site boundary shall be as follows:
The L10 noise levels measured at or within the boundary of the adjacent site (not held in common ownership) with the same business zoning shall not exceed 60 dBA at any time.

3. Parking shall be in accordance with the provisions of Rule 4.2.1 of the Proposed Unitary Plan.

4. Any equipment transmitting radio frequency energy shall comply with exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities, at any place where the public has reasonable access.

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5. Storage of dangerous goods or hazardous substances shall be in accordance with the relevant legislation.

6. Unless lapsed prior to June 2010, the expiry date of this designation was extended to 1 November 2015, by section 78 of the Local Government (Auckland Transitional Provisions) Act 2012.

Attachments

No attachments.

5711 Otara Police Station

Designation Number	5711
Requiring Authority	Minister of Police
Location	112 Bairds Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 123, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5712 Papatoetoe Police Station

Designation Number	5712
Requiring Authority	Minister of Police
Location	7 St George Street, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 124, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

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Conditions

1. Parking, loading and access shall be in accordance with the underlying zoning and provisions of Rule 4.2.1 of the Proposed Unitary Plan.
2. An Outline Plan of Works for any development that triggers additional parking demand, loading or access requirements to the site will be assessed against the relevant assessment criteria under Rule 4.2.1.2.4.1 of the Proposed Unitary Plan.
3. The requiring authority may be required to meet the reasonable costs of all new access and traffic management works (including any additional land required to accommodate these works) associated with the development or redevelopment to the extent that such works are required to meet safety, access, or egress or amenity considerations related to the development or redevelopment or where the works are required to mitigate the likely adverse effects from the development or redevelopment on the safety or operation of the transport network.

Attachments

No attachments.

5713 Te Atatu Community Policing Centre

Designation Number	5713
Requiring Authority	Minister of Police
Location	492 Te Atatu Road, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation WCCMP2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

1. New buildings and structures shall not exceed a height of 10 metres as measured from the average ground level at the base of the new building, provided that any masts, poles and radio and television aerials which are attached to the building and do not project more than 6 metres above the part of the building to which they are attached shall not be included in the calculation of height.

Attachments

No attachments.

5714 Albany Police Station

Designation Number	5714
Requiring Authority	Minister of Police

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Location	16 Library Lane, Albany
Rollover Designation	Yes
Legacy Reference	Designation 61, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5715 Auckland Dog Base

Designation Number	5715
Requiring Authority	Minister of Police
Location	35 Main Highway, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F11-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Police patrol base and dog section.

Conditions

No conditions.

Attachments

No conditions.

5716 Regional Information and Communication Service Centre

Designation Number	5716
Requiring Authority	Minister of Police
Location	159 Great North Road, Arch Hill
Rollover Designation	Yes

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Legacy Reference	Designation C07-53, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Police communication purposes.

Conditions

No conditions.

Attachments

No attachments.

5717 Browns Bay Police Station

Designation Number	5717
Requiring Authority	Minister of Police
Location	10 Bayview Road, Browns Bay
Rollover Designation	Yes
Legacy Reference	Designation 62, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5718 Glen Innes Police Station

Designation Number	5718
Requiring Authority	Minister of Police
Location	88-90 Line Road, Glen Innes
Rollover Designation	Yes
Legacy Reference	Designation E15-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5719 Glenfield Community Policing Centre

Designation Number	5719
Requiring Authority	Minister of Police
Location	365 Glenfield Road, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 59, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5720 Helensville Police Station

Designation Number	5720
Requiring Authority	Minister of Police
Location	6-12 Rimu Street, Helensville
Rollover Designation	Yes
Legacy Reference	Designation 705, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5721 Kumeu Police Station

Designation Number	5721
Requiring Authority	Minister of Police
Location	4-6 Matua Road, Huapai
Rollover Designation	Yes
Legacy Reference	Designation 706, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5722 Mount Roskill Community Policing Centre

Designation Number	5722
Requiring Authority	Minister of Police
Location	1213 Dominion Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation G06-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

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Conditions

No conditions.

Attachments

No attachments.

5723 Newmarket Police Station

Designation Number	5723
Requiring Authority	Minister of Police
Location	58 Remuera Road, Newmarket
Rollover Designation	Yes
Legacy Reference	Designation D09-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5724 Onehunga Police Station

Designation Number	5724
Requiring Authority	Minister of Police
Location	126 Onehunga Mall, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

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No conditions.

Attachments

No attachments.

5725 Orewa Police Station

Designation Number	5725
Requiring Authority	Minister of Police
Location	4-6 Riverside Road, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 703, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5726 Otahuhu Police Station

Designation Number	5726
Requiring Authority	Minister of Police
Location	176 Great South Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

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No attachments.

5727 Papakura Police Station

Designation Number	5727
Requiring Authority	Minister of Police
Location	64 Wood Street, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 27, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5728 Police and Emergency Services Broadcast Tower

Designation Number	5728
Requiring Authority	Minister of Police
Location	501 Otau Mountain Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 266, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Police and emergency services radiocommunication and telecommunication.

Conditions

1. That the mast and equipment building shall be painted or finished in a recessive grey colour so as to minimise its visibility.
2. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities, at any place where the public has reasonable access.
3. The earthworks and equipment building shall be screened by the retention of as much of the existing pine planting as is consistent with protecting the required microwave paths and preserving access to the site.

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4. Earthworks are to be conducted on site so as to:

- a. Leave a stable slope; and
- b. Minimise dust generation, soil erosion and sedimentation

5. The Minister recognises the existence of nearby quarrying activities and that vibration and other effects may arise as a result of those activities.

6. That the electric power cable to the site and equipment building be placed underground.

Attachments

No attachments.

5729 Police Telecommunications Workshop

Designation Number	5729
Requiring Authority	Minister of Police
Location	19 Pollen Street, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation C07-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5730 Ponsonby Police Station

Designation Number	5730
Requiring Authority	Minister of Police
Location	12 Jervois Road, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation B07-18, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management,

The Proposed Auckland Unitary Plan (notified 30 September 2013)

operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5731 Pukekohe Police Station

Designation Number	5731
Requiring Authority	Minister of Police
Location	31-39 Manukau Road, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 14, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates..

Conditions

No conditions.

Attachments

No attachments.

5732 South Motorway Base

Designation Number	5732
Requiring Authority	Minister of Police
Location	14 Tecoma Street, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F11-30, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Motorway patrol office.

Conditions

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No conditions.

Attachments

No attachments.

5733 Takapuna Police Station

Designation Number	5733
Requiring Authority	Minister of Police
Location	Corner Anzac Street and The Terrace, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 60, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5734 Waiuku Police Station

Designation Number	5734
Requiring Authority	Minister of Police
Location	3-7 Court Street, Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 16, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

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No attachments.

5735 Warkworth Police Station

Designation Number	5735
Requiring Authority	Minister of Police
Location	6 Falls Street, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 702, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5736 Wellsford Police Station

Designation Number	5736
Requiring Authority	Minister of Police
Location	108 Rodney Street (State Highway 1), Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 701, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5737 Whangaparoa Community Policing Centre

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Designation Number	5737
Requiring Authority	Minister of Police
Location	716 Whangaparoa Road, Stanmore Bay
Rollover Designation	Yes
Legacy Reference	Designation 704, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation, alteration and maintenance of a policing facility and every use of the land for police and ancillary purposes as detailed in the Policing Act 2008 and subsequent updates.

Conditions

No conditions.

Attachments

No attachments.

5738 Motorway Policing Centre

Designation Number	5738
Requiring Authority	Minister of Police and New Zealand Transport Agency*
Location	28 Sulphur Beach Road, Northcote Point
Rollover Designation	Yes
Legacy Reference	Designation 58, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a joint designation with the New Zealand Transport Agency designation (Designation 6746).

Purpose

Motorway administration and maintenance.

Conditions

No conditions.

Attachments

No attachments.

Minister for Social Development

Designation Schedule - Minister for Social Development

Number	Purpose	Location
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

5900	Care and protection residential centre - Upper North...	398 Weymouth Road, Weymouth
5901	Child welfare institution	26-28 Normandy Place, Henderson
5902	The Youth Justice Centre - Upper North ...	21-24 Kiwi Tamaki Road, Wiri
5903	Child welfare institution	116-118 Wharf Road, Te Atatu Peninsula

5900 Care and Protection Residential Centre

Designation Number	5900
Requiring Authority	Minister for Social Development
Location	398 Weymouth Road, Weymouth
Rollover Designation	Yes
Legacy Reference	Designation 283, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Care and protection residential centre - Upper North being a residence in terms of section 364 of the Children, Young Persons, and Their Families Act 1989 for:

- a. The placement of up to 20 children and young persons for the purpose of providing care (including secure care), protection, control and treatment;
- b. Ancillary educational, recreational, rehabilitative, administrative, visitor accommodation and cultural facilities; and
- c. Activities consistent with and ancillary to the establishment, operation and maintenance of the Care and Protection Residential Centre — Upper North, including buildings, fixed plant and service infrastructure, fencing, landscaping, earthworks, outdoor recreation areas, access and car parking.

Conditions

1. That the Care and Protection Residential Centre - Upper North shall provide residential care for up to 20 children and young persons at any one time.
2. A Community Liaison Committee shall be established to assist in the promotion of a positive relationship between the Care and Protection Residential Centre - Upper North and the local community. The Community Liaison Committee shall be kept informed of current and proposed programmes at the Care and Protection Residential Centre - Upper North and include two representatives of the local community.
3. A Security Management Plan for the Care and Protection Residential Centre - Upper North shall be formulated and implemented in consultation with relevant emergency services and the Community Liaison Committee.
4. Activities (other than construction) on the site shall be so conducted as to ensure that noise from the site shall not exceed the following noise limits at any point within the boundary of any neighbouring residential site:

Monday to Sunday (inclusive)	
7am to 10pm	L10 55 dBA
10pm to 7am	L10 45 dBA
10pm to 7am	Lmax 75 dBA

Noise (other than construction noise) shall be measured and assessed in accordance with the requirements of

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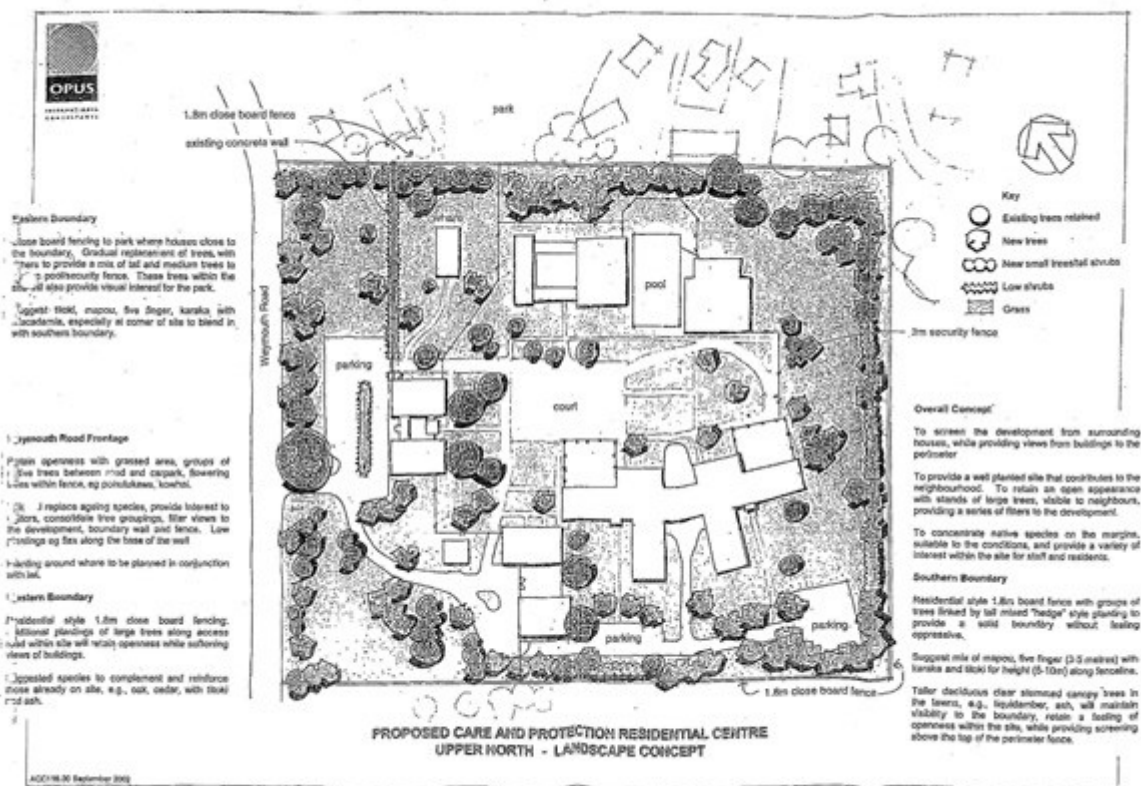
the New Zealand Standards NZS6801:2008 "Acoustics - Measurement of Environmental Sound".

5. The site shall be landscaped generally in accordance with the landscape concept plan prepared by Opus International Consultants marked ACC116.00 (September 2002) contained within Appendix B of the Notice of Requirement. All planting associated with this landscape concept shall be maintained regularly and kept in a tidy condition.

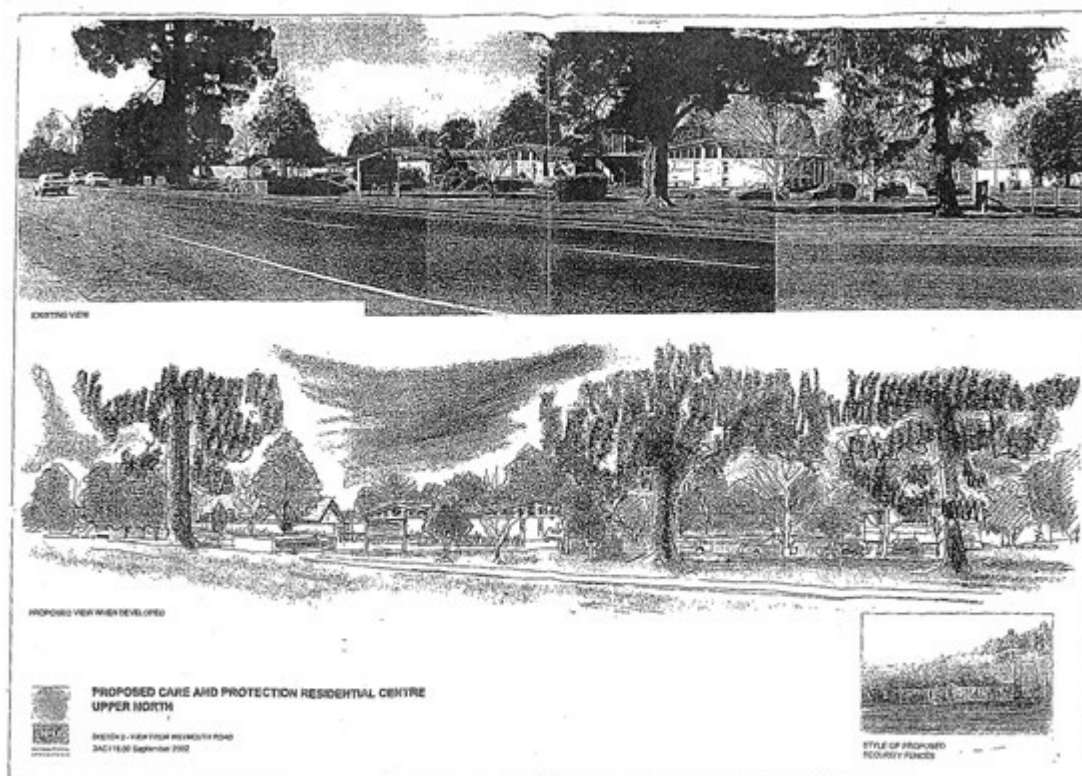
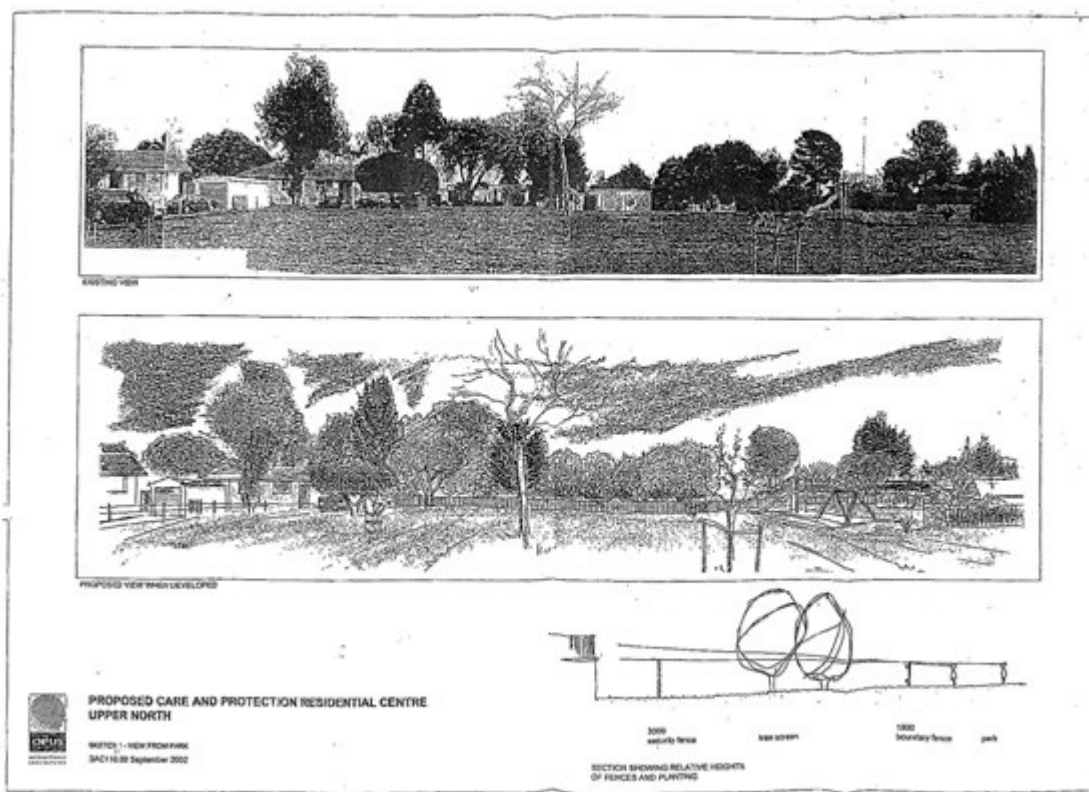
6. The lighting on site shall be sufficient for operational and security purposes and shall be designed to prevent the intrusion of direct light into neighbouring properties.

Attachments

Proposed Care and Protection Centre - Upper North Landscape Concept



The Proposed Auckland Unitary Plan (notified 30 September 2013)



5901 Child Welfare Institution (Henderson)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	5901
Requiring Authority	Minister for Social Development
Location	26-28 Normandy Place, Henderson
Rollover Designation	Yes
Legacy Reference	Designation MSW1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Child welfare institution.

Conditions

1. New buildings and structures shall not exceed a height of 10m as measured from the average ground level at the base of the building, provided that any masts poles and radio and television aerials which are attached to the building and do not project more than 6m above the part of the building to which they are attached shall not be included in the calculation of height.

Attachments

No attachments.

5902 Youth and Justice Centre – Upper North

Designation Number	5902
Requiring Authority	Minister for Social Development
Location	21-24 Kiwi Tamaki Road
Rollover Designation	Yes
Legacy Reference	Designation 278, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The Youth Justice Centre — Upper North being a residence under section 364 of the Children Young Persons and Their Families Act (1989) for the care and control of children and young persons under the youth justice provisions of that Act and the Criminal Justice Act (1985) (if agreed by the chief executive for the time being responsible for the administration of the Children Young Persons and Their Families Act) at 21-24 Kiwi Tamaki Road, Manurewa.

Conditions

1. That the proposed facility shall provide residential care and control for up to a maximum of 46 children and young persons at any one time. This is to be inclusive of not more than 6 children and young persons held under the provisions of the Criminal Justice Act (1985) at any one time.

2. That the Department of Child, Youth and Family Services, through the Manager of the facility, shall formulate and implement a Security Management Plan for the proposed facility in consultation with key stakeholders including the council, the NZ Police and relevant emergency services, neighbouring property owners, local iwi

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and community groups.

3. That the Manager of the proposed facility shall convene a Community Liaison Committee in accordance with the Children, Young Persons, and Their Families (Residential Care) Regulations 1996.

4. That the parts of the proposed facility comprising the sleeping , living and learning areas shall be designed and constructed to comply with the following internal noise limits:

	Ldn	Lmax
Internal Noise Limits	45dBA	55dBA

Attachments

No attachments.

5903 Child Welfare Institution (Te Atatu)

Designation Number	5903
Requiring Authority	Minister for Social Development
Location	116-118 Wharf Road, Te Atatu Peninsula
Rollover Designation	Yes
Legacy Reference	Designation MSW2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Child welfare institution.

Conditions

1. New buildings and structures shall not exceed a height of 10m as measured from the average ground level at the base of the building, provided that any masts poles and radio and television aerials which are attached to the building and do not project more than 6m above the part of the building to which they are attached shall not be included in the calculation of height.

Attachments

No attachments.

Minister for Tertiary Education, Skills and Employment

Designation Schedule - Minister for Tertiary Education, Skills and Employment

Number	Purpose	Location
6100	Construction, undertaking, establishment, management, operation and maintenance of a tertiary educational facility ...	St Pauls Street, Wellesley Street, Governor Fitzroy Place and Mount Street, Auckland Central
6101	Construction, undertaking, establishment, management, operation and maintenance of a tertiary educational facility ...	42 and 72 Akoranga Drive, Northcote

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6100 AUT City Campus

Designation Number	6100
Requiring Authority	Minister for Tertiary Education, Skills and Employment
Location	St Pauls Street, Wellesley Street, Governor Fitzroy Place and Mount Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 291, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation and maintenance of a tertiary educational facility and every use of the land for educational and ancillary purposes.

Note:

Ancillary activities includes activities, structures and buildings supporting tertiary education such as (but not limited to) administration, research and development needs, accommodation, meeting and assembly area, commercial, retail and services.

Conditions

No conditions.

Attachments

Auckland University of Technology City Campus Designation Plan

The Proposed Auckland Unitary Plan (notified 30 September 2013)



6101 AUT North Shore Campus

Designation Number	6101
Requiring Authority	Minister for Tertiary Education, Skills and Employment
Location	42 and 72 Akoranga Drive, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 181, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The public work authorised by the designation is the construction, undertaking, establishment, management, operation and maintenance of a tertiary educational facility and every use of the land for educational and ancillary purposes.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Note:

Ancillary activities includes activities, structures and buildings supporting tertiary education such as (but not limited to) administration, research and development needs, accommodation, meeting and assembly area, commercial, retail and services.

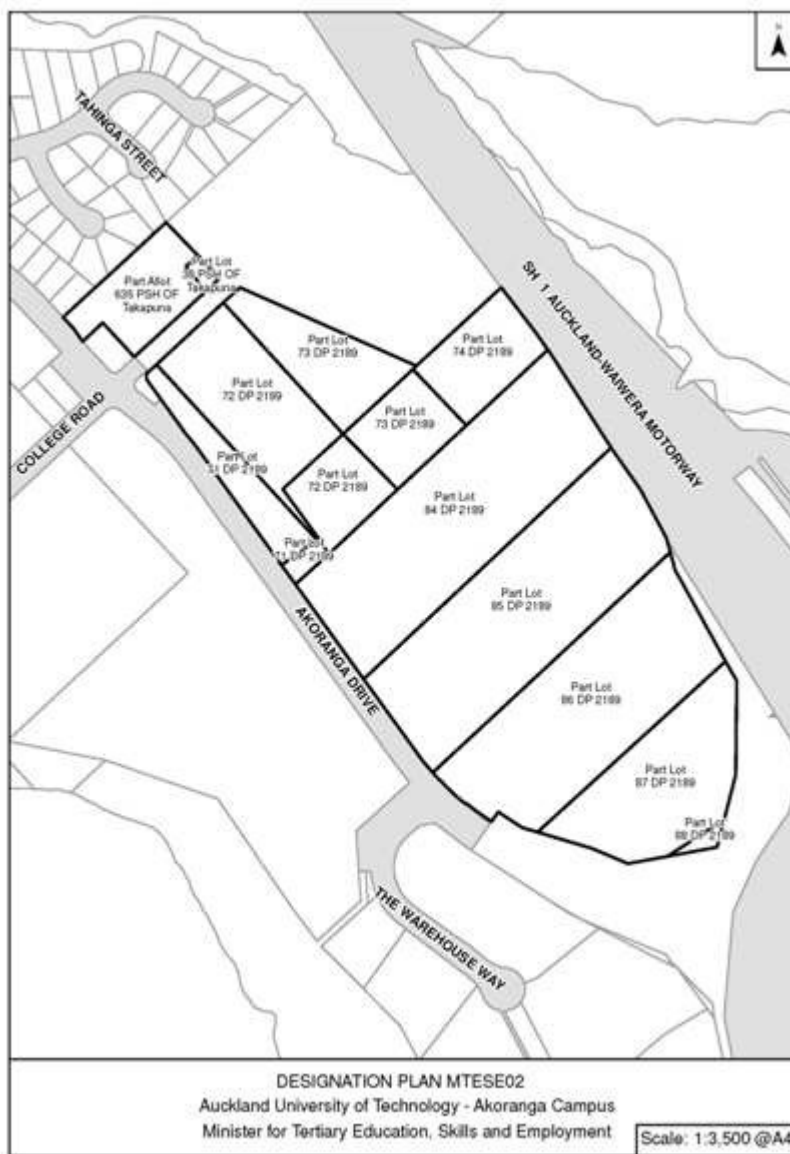
Conditions

1. That the proposed intersections and access arrangements on Akoranga Drive be designed and located in accordance with the following principles as far as practicable:
 - a. Be designed and located to optimise safety and efficiency; and
 - b. Provide for public transport, cyclists, pedestrians and visually and mobility impaired people, in terms of the reasonably foreseeable needs of AUT; and
 - c. Consider the views of the following directly affected parties: Northbridge Retirement Home and Awataha Marae.
2. That all new buildings on the site shall not exceed a height of 16m within 20m of the current boundary of Akoranga Drive and 30m elsewhere on the site.
3. Where practicable, at least one pedestrian entrance to the new buildings shall be located facing the street.
4. The Requiring Authority shall prepare a Campus Development Plan (CDP) for the site. The purpose of the CDP is to provide for the general design framework and direction for the ongoing development of the site and activities. The CDP will address matters of urban design, major building areas, parking, access and overall site landscaping. As part of the preparation of the CDP, the Requiring Authority will liaise with council's Urban Design Team. The CDP will be used as a framework for future Outline Plan of Works to be submitted to council under section 176A of the RMA. The CDP will be revised by the Requiring Authority to reflect ongoing developments for the site as they occur.

Attachments

Auckland University of Technology North Shore Campus Designation Plan

The Proposed Auckland Unitary Plan (notified 30 September 2013)



New Zealand Railways Corporation

Designation Schedule - New Zealand Railways Corporation (KiwiRail)

Number	Purpose	Location
6300	Develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises ...	North Auckland Railway Line from Portage Road, Otahuhu to Ross Road, Topuni
6301	Develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises ...	Newmarket Branch Railway Line from Remuera Road, Newmarket to The Strand, Parnell
6302	Develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises ...	North Island Main Trunk Railway Line from Buckland to Britomart Station, Auckland Central
6303	Develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises ...	Avondale Southdown Railway Line from Soljak Place, Mount Albert to Bond Place, Onehunga

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6304	Develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises ...	Onehunga Branch Railway Line from Onehunga Harbour Road, Onehunga to Station Road, Penrose and Neilson Street, Tepapa
6305	Develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises ...	Southdown Freight Terminal at Neilson Street (adjoins No. 345), Onehunga
6306	Develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises ...	Mission Bush Branch Railway Line from Mission Bush Road, Glenbrook to Paerata Road, Pukekohe
R6307	Develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises ...	Manukau Rail Link from Lambie Drive (off-ramp), Manukau City Centre to Onslow Drive, Wiri

6300 North Auckland Railway Line

Designation Number	6300
Requiring Authority	New Zealand Railways Corporation (KiwiRail)
Location	North Auckland Railway Line from Portage Road, Otahuhu to Ross Road, Topuni
Rollover Designation	Yes
Legacy Reference	Designations H13-09 & B09-06, Auckland Council District Plan (Isthmus Section) 1999; Designation NZR1, Auckland Council District Plan (Waitakere Section) 2003; and Designation 501, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The purpose of the designation is to develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises as defined in the Railways Act 2005.

Conditions

1. See Diagram B09-06 for strata diagram for land adjacent to Broadway, Newmarket.
2. No additions or alterations shall be made to the building scheduled in the District Plan (Map Reference E10-23 Remuera Railway Station and Signal Box) other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991. This provision shall also apply to the interior of the building and the site surrounds as dimensioned in the Plan.

The following conditions apply between points X: 1,750,777.116m Y: 5,914,020.693m and X: 1,737,958.656m and Y: 5,921,597.470m (NZTM2000):

3. Where an outline plan of works is submitted in accordance with s176A of the Resource Management Act 1991, prior to commencing the project or work, that plan shall be accompanied by:
 - a. A statement outlining the District Plan objectives and policies relevant to the works proposed; and
 - b. An assessment of the effects the works described in the outline plan will have on the environment.

Explanation:

While it is accepted that the project works will be (or should be) in accordance with the designated purpose, the Council will wish to address the relevant objectives and policies of the Plan and be assured that the works will

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not adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist in determining whether to request changes.

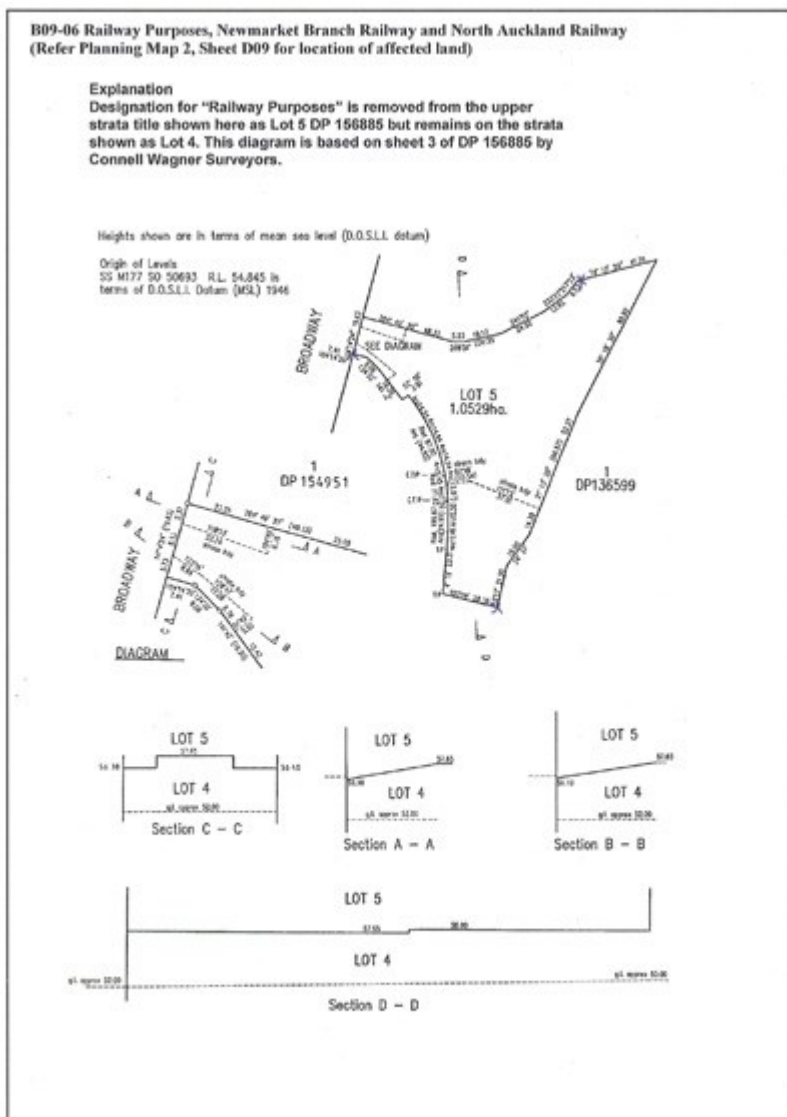
4. Appropriate sedimentation and erosion control measures shall be employed for any new earthworks on the designated site.

Explanation:

The District Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 4. Note that major earthworks may require a consent from the Council.

Attachments

Diagram B09-06 - Strata Diagram for Land Adjacent to Broadway, Newmarket



6301 Newmarket Branch Railway Line

Designation Number

6301

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Requiring Authority	New Zealand Railways Corporation (KiwiRail)
Location	Newmarket Branch Railway Line from Remuera Road, Newmarket to The Strand, Parnell
Rollover Designation	Yes
Legacy Reference	Designation B09-06, Auckland Council District Plan (Isthmus Section) 1999; and Designation 282, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The purpose of the designation is to develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises as defined in the Railways Act 2005.

Conditions

The following conditions apply between points X: 1,758,321.043m Y:5,920,188.314m and X 1,758,597.328m Y: 5,920,477.525m (NZTM2000):1. With the exception of the temporary station site, the designation (for existing and future corridors) is limited as to airspace at 6m above the rail tracks and the future corridor to the Britomart Transport Centre is limited to both airspace and substrata as shown in Diagram 282.

2. Development of the temporary station site shall comply with the underlying development controls.

The following conditions apply between points X: 1,758,651.726m Y: 5,918,459.655m and X 1,758,321.043m Y: 5,920,188.314m (NZTM2000):

3. Where the Parnell Tunnel passes under the following properties, the designation applies to the subsoil space only:

- Allotment 57, Section 3 Suburbs of Auckland, Survey Office Plan 47222;
- Section 1, SO 62979;
- Lot 1, DP 150385;
- Part Lot 1, DP 138824; and
- Lot 2, DP 20720.

For these properties, the extent of the designation is limited to the subsoil space owned by the requiring authority and recorded on the certificates of title. The location of these properties and the strata nature of the designation is illustrated in Diagram B09-06(1).

4. Where the Parnell Tunnel passes under Domain Drive and Parnell Road the designation applies to subsoil space only. The location of these roads in relation to the tunnel and the strata nature of the designation is illustrated in Diagram B09-06(1).

5. No buildings and structures shall be located in the designation area on the Domain (see Diagram B09-06(2)) except for any enabling works required for the construction of the Parnell Railway Station and its associated structures (including platforms and pedestrian connections such as over bridges, underpasses, footpaths and gantry structures within the station vicinity).

6. Detailed designs and plans shall be prepared prior to commencement of works to mitigate the adverse visual and amenity effects of the soil nail retaining walls and batter slopes in the proposed alteration to the designation. The details shall include:

- a. Batter slope treatment and planting details; and
- b. Soil nail retaining wall details including visual relief and treatment to minimise their visual impact and to integrate

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into the surrounding landform and vegetated characteristics of the Auckland Domain. The use of MacMatR or similar softening techniques should be investigated to minimise their visual impact.

7. Detailed landscape mitigation planting plans shall be prepared by a Registered Landscape Architect to mitigate the adverse visual and amenity effects of the Auckland Domain vegetation removal. The plans shall have input from an ecologist and interested iwi groups and be submitted for approval to the Parks, Sport and Recreation Manager. The landscape plans should seek to retain the largest and structurally sound trees which are to be indicated on the plans. The plans shall include:

- a. Detailed landscape planting plans with tree and plant species, sizes and spacing;
- b. Landscape specifications; and
- c. Implementation and maintenance programme.

8. Detailed plans and cross sections of the proposed pedestrian underpass, showing the exact location and visual perspectives of the proposed underpass and re-instatement of the existing underpass, shall be approved by the Parks, Sport and Recreation Manager prior to commencement of works, if the outline plan of works is waived. The pedestrian access path should be designed and aligned to minimise any adverse effects on the existing vegetation within the Domain land, including the Puriri tree in close proximity to the proposed underpass. A Crime Prevention Through Environmental Design (CPTED) assessment shall be undertaken of the pedestrian underpass to minimise threats to personal safety.

Advice Note

1. The New Zealand Historic Places Trust Accidental Discovery Protocol be adopted by all contractors working on site.

Attachments

Diagram 282 - Auckland Railway Station and Railway Designation Heights

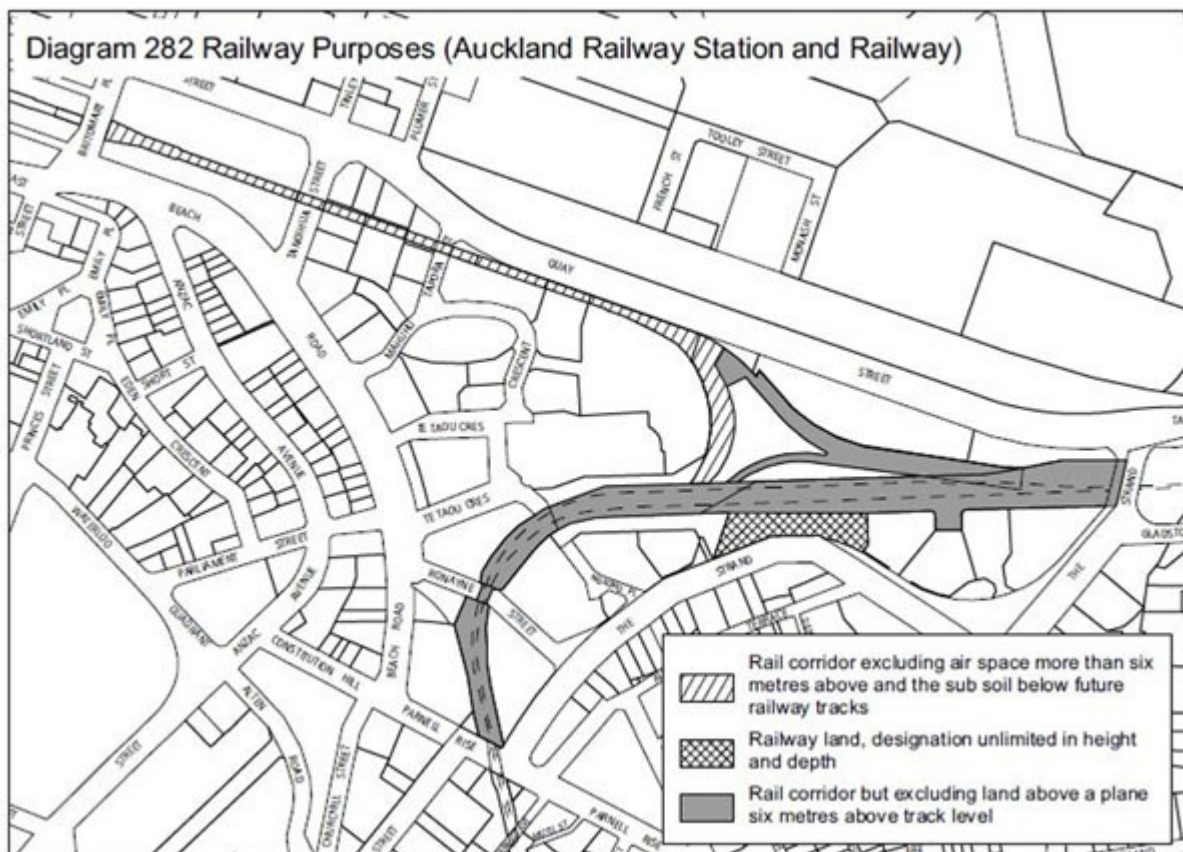


Diagram B09-06(1) - Strata Diagram for Parnell Tunnel

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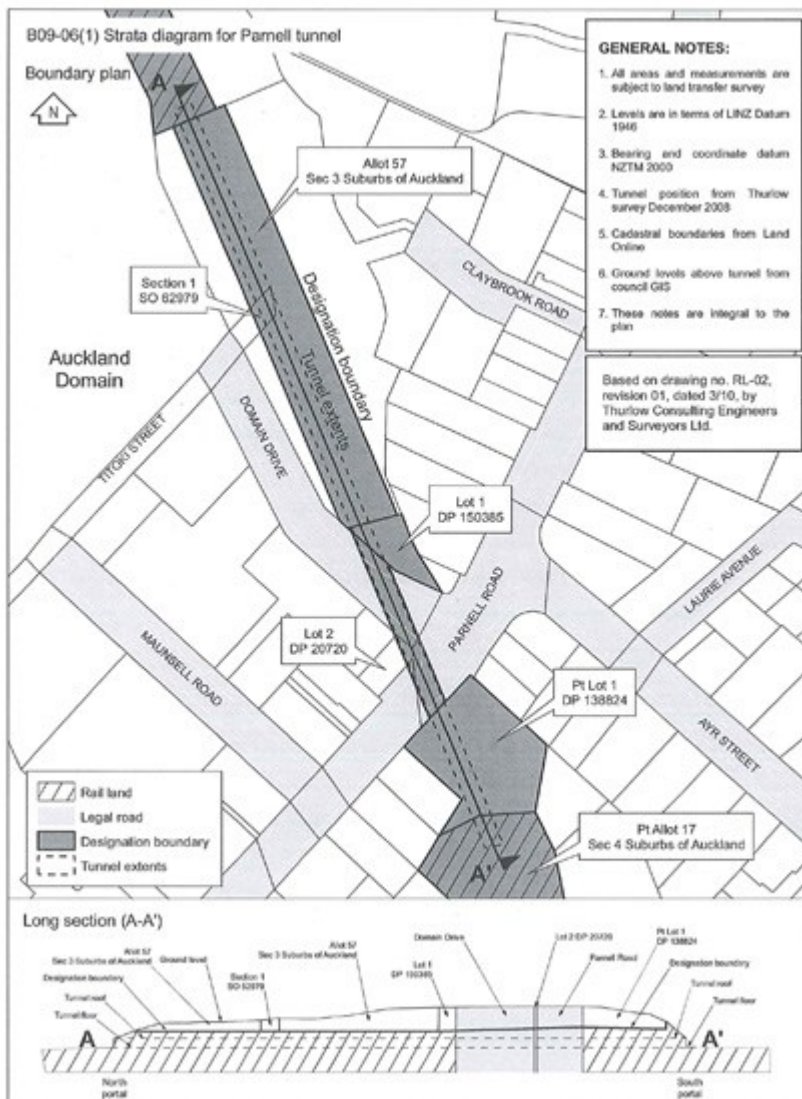


Diagram B09-06(2) - Railway Designation on Auckland Domain Subject to Conditions

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6302 North Island Main Trunk Railway Line

Designation Number	6302
Requiring Authority	New Zealand Railways Corporation (KiwiRail)
Location	North Island Main Trunk Railway Line from Buckland to Britomart Station, Auckland Central
Rollover Designation	Yes
Legacy References	Designation 89, Auckland Council District Plan (Franklin Section) 2000; Designation 11, Auckland Council District Plan (Papakura Section) 1999; Designation 230, Auckland Council District Plan (Manukau Section) 2002; Designation B10-05, Auckland Council District Plan (Isthmus Section) 1999; Designation 282, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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The purpose of the designation is to develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises as defined in the Railways Act 2005.

Conditions

The following conditions apply between points X: 1,763,282.256m Y: 5,909,226.484m and X: 1,758,983.051m Y: 5,920,480.938m (NZTM2000):

1. Any activity on land within the defined Tamaki Drive Scenic Way (Map Reference B10-08) shall comply with the Auckland City Design Guidelines Tamaki Drive.
2. The geological feature which is scheduled in the District Plan (Map Reference D12-04) shall not be excavated, physically investigated, damaged, or altered, other than in accordance with an outline plan submitted and processed in terms of Section 176A of the Resource Management Act 1991.
3. Where the Purewa Tunnel passes under the following properties, the designation applies to subsoil space only:
 - Lot 416, DP 41185;
 - Lot 1, DP 74916;
 - Lot 2, DP 74916;
 - Part Lot 2, DP 40127;
 - Part Lot 1, DP 40127;
 - Part Lot 22, DP 18321; and
 - Part Lot 19, DP 18321.

For these properties, the extent of the designation is limited to the subsoil space owned by the requiring authority and recorded on the certificates of title. The location of these properties and the strata nature of the designation is illustrated in Diagram B10-05(1).

4. Where the Purewa Tunnel passes under St Johns Road, the extent of the designation is limited to the subsoil space owned by the requiring authority and recorded on Survey Office Plan 22701. The location of this road in relation to the tunnel and the strata nature of the designation is illustrated in Diagram B10-05(1).

The following conditions apply between points XL 1,758,983.051m Y: 5,920,480.938m and X: 1,757,893.28m Y: 5,920,853.469m (NZTM2000):

5. With exception of the temporary station site, the designation (for existing and future corridors) is limited as to airspace at 6m above the rail tracks and the future corridor to the Britomart Transport Centre is limited to both airspace and substrata as shown in the Diagram 282.
6. Development of the temporary station site shall comply with the underlying development controls.

Attachments

Diagram B10-05 - Purewa Tunnel Strata

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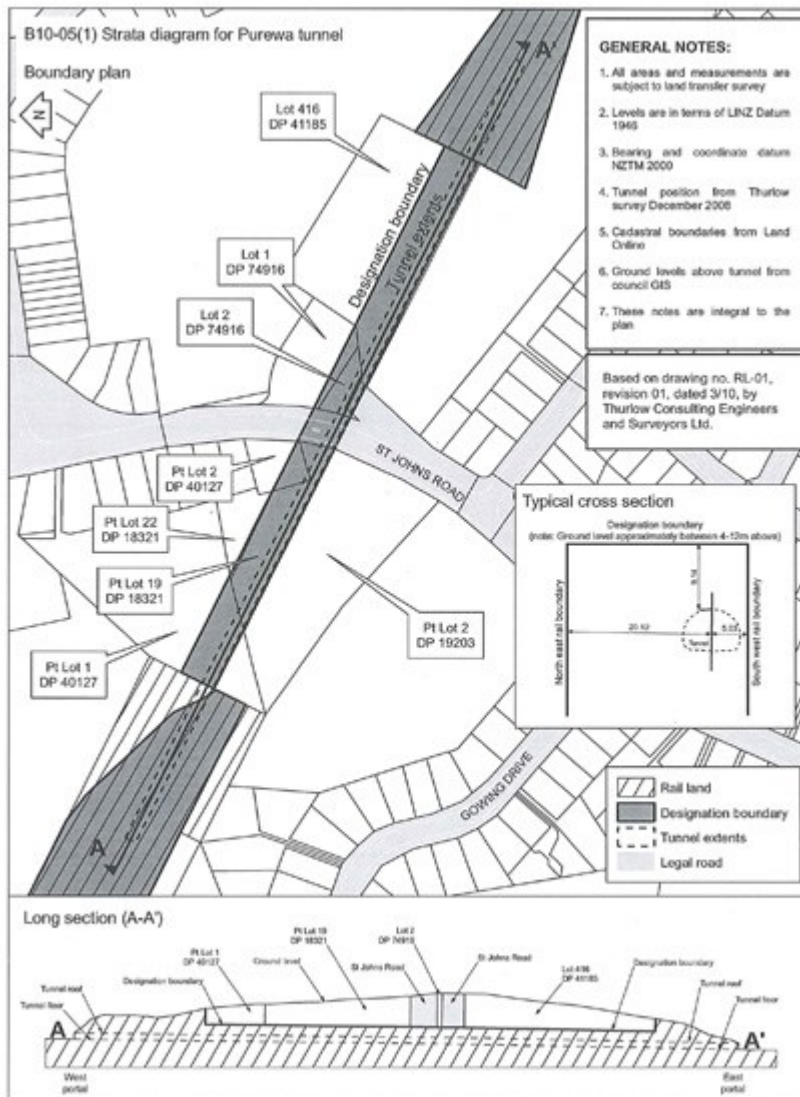
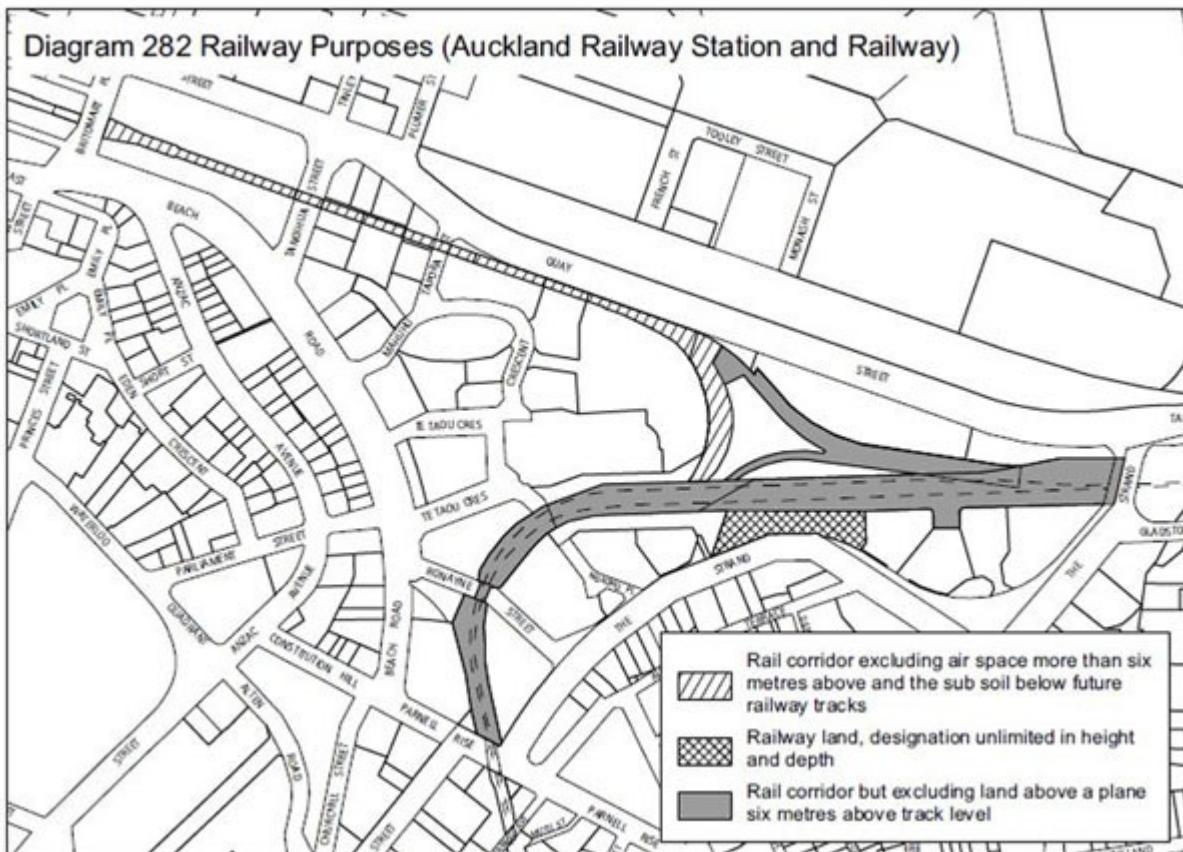


Diagram 282 - Auckland Railway Station and Railway Designation Heights

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6303 Avondale Southdown Railway Line

Designation Number	6303
Requiring Authority	New Zealand Railways Corporation (KiwiRail)
Location	Avondale to Southdown Railway Line from Soljak Place, Mount Albert to Bond Place, Onehunga
Rollover Designation	Designation G08-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	12 years from being operative in the Unitary Plan unless given effect to prior

Purpose

The purpose of the designation is to develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises as defined in the Railways Act 2005.

Conditions

1. That prior to implementation of the designation an assessment of environmental effects be undertaken to determine effects the works will have on the environment and the most appropriate means of mitigating these effects.
2. That a landscape plan be submitted for approval to the Council at the time of detailed design including fencing and planting which will be implemented at the boundary of the line with all land zoned residential and open space to minimise noise effects and provide screening.
3. That vehicle access along New North Road, Richardson Road, May Road, Dominion Road, Hayr Road,

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Hillsborough Road, Queenstown Road, Pleasant Street, Symonds Street, Forbes Street, Normans Hill Road, Quadrant Road, Hill Street, Selwyn Street, Onehunga Mall, Galway Street, Spring Street, Victoria Street and Alfred Street be maintained when construction is completed. All crossings to be grade separated, with the exception of local roads.

4. The short term construction effects including noise, visual effects and dust be reduced through appropriate construction methods.

5. The term for this designation shall be 12 years from the inclusion of the designation in the District Plan.

Attachments

No attachments.

6304 Onehunga Branch Railway Line

Designation Number	6304
Requiring Authority	New Zealand Railways Corporation (KiwiRail)
Location	Onehunga Branch Railway Line from Onehunga Harbour Road, Onehunga to Station Road, Penrose and Neilson Street (Southdown Freight Terminal), Tepapa
Rollover Designation	Yes
Legacy Reference	Designation G12-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The purpose of the designation is to develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises as defined in the Railways Act 2005.

Conditions

No conditions.

Attachments

No attachments.

6305 Southdown Freight Terminal

Designation Number	6305
Requiring Authority	New Zealand Railways Corporation (KiwiRail)
Location	Neilson Street (adjoins No. 345), Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H11-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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The purpose of the designation is to develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises as defined in the Railways Act 2005.

Conditions

No conditions.

Attachments

No attachments.

6306 Mission Bush Branch Railway Line

Designation Number	6306
Requiring Authority	New Zealand Railways Corporation (KiwiRail)
Location	Mission Bush Branch Railway Line from Mission Bush Road, Glenbrook to Paerata Road, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 90, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The purpose of the designation is to develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises as defined in the Railways Act 2005.

Conditions

No conditions.

Attachments

No attachments.

R6307 Manukau Rail Link

Designation Number	R6307
Requiring Authority	New Zealand Railways Corporation (KiwiRail)
Location	Manukau Rail Link from Lambie Drive (off-ramp), Manukau City Centre to Ons
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The purpose of the designation is to develop, operate and maintain railways, railway lines, railway infrastructure, and railway premises as defined in the Railways Act 2005.

Conditions

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No conditions.

Attachments

No attachments.

New Zealand Refining Company Ltd

Designation Schedule - New Zealand Refining Company

Number	Purpose	Location
6500	Operation, maintenance and repair, upgrade and renewal of the existing petroleum transmission pipeline and ancillary facilities ...	109 Vipond Road, Topuni to 102 Amreins Road, Taupaki
6501	Operation, maintenance and repair, upgrade and renewal of the existing petroleum transmission pipeline and ancillary facilities ...	102 Amreins Road, Taupaki to 149 Roscommon Road, Wiri

6500 Petroleum Pipeline - Rural Section

Designation Number	6500
Requiring Authority	New Zealand Refining Company Ltd (Refining NZ)
Location	102 Amreins Road, Taupaki to 109 Vipond Road, Topuni
Rollover Designation	Yes
Legacy Reference	Designation 620, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The designation by The New Zealand Refining Company Limited (Refining NZ) is for the operation, maintenance and repair, upgrade and renewal of the existing petroleum transmission pipeline and ancillary facilities as required for the transportation of refined fuel products and described as follows:

- The existing 275mm petroleum transmission pipeline;
- The existing isolation valves;
- Cathodic protection terminals; and
- Surface marker posts and warning signage, located between the northern district boundary extending from Mangawhai Road at Kaiwaka and the southern district boundary extending from the Waitakere City Boundary at Amreins Road, Taupaki.

The following limitations apply:

- Renewal shall be limited to works on the petroleum transmission pipeline and will be limited to the replacement of sections of the pipeline with sections having equivalent diameter, and no more than [50] lineal metres of pipeline will be excavated at any particular time; and
- Upgrade will be limited to adding or replacing above the ground components, provided the relevant district Plan permitted activity standards are complied with.

The contact details for Refining NZ are:

Postal Address: Private Bag 9024, Whangarei, New Zealand

Telephone: +64 9 432 8311

Facsimile: +64 9 432 8035

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Email: corporate@refiningnz.com

Conditions

Restrictions of the Designation

1.

a. No person shall:

- i. Erect any structure; or
- ii. Erect a fence with supports which extend more than 0.4m into the ground from the surface; or
- iii. Plant any tree or shrub; or
- iv. Disturb the soil below a depth of 0.4 m from the surface; or
- v. Do anything on or to the land which would or could damage or endanger the pipeline within the designated corridor without first obtaining the written consent of Refining NZ.

For the avoidance of doubt, such written consent shall not be required for ordinary cultivation, digging, excavating, tilling and working soil to a depth of less than 0.4m or where Refining NZ has provided specific written approval prior to the designation coming into effect. A minimum of 1m cover shall remain above the top of the pipe after any ordinary cultivation, digging or excavation has taken place.

Landowners and/or developers can apply to Refining NZ for consent to do any work on the land within the designation corridor. Refining NZ will review each application with the landowner and /or developer and work to achieve the most suitable outcome for all parties. Refining NZ may give its written consent subject to reasonable conditions including the power to revoke the consent in specified circumstances.

Refining NZ agrees to not unreasonably withhold its consent.

Works or activities that would or could damage or endanger the pipeline include, for example, the use of heavy compaction or vibration machinery and equipment, pile-driving machinery and equipment, trenching, excavation or drilling (including micro drilling and directional drilling).

b. No person shall undertake road opening, trenching, excavation or drilling (including micro drilling and directional drilling), or lay underground high voltage power lines > 450v either in parallel with or intersecting Refining NZ's petroleum pipeline, without first obtaining Refining NZ's written approval.

c. However, the restrictions in a. and b. above do not apply, and Refining NZ's consent is not required under section 176 of the RMA to undertake:

- i. Any works authorised by an earlier designation;
- ii. Any repair, maintenance or upgrade to any existing network utility infrastructure, provided that:
 - A Road Opening Notice has been obtained from Auckland Transport;
 - Soil is not disturbed below a depth of 0.4m from the surface; and
 - After works, the finished surface level is not reduced below the pre-existing surface datum.

d. Where works other than those authorised by an earlier designation would exceed a depth of 0.4m from the surface and/or after completion of such works the finished surface level is proposed to be reduced below the pre-existing surface datum then application shall be made to Refining NZ for consent to do the works. Refining NZ will review each application with the applicant and work to achieve the most suitable outcome for all parties. Refining NZ may give its written consent subject to reasonable conditions, and agrees not to unreasonably withhold its consent.

General

2. Subject to these conditions, all works shall be undertaken in general accordance with the plans and information submitted by requiring authority in the documents entitled "Proposed Designation Relating to the Refinery to Auckland Pipeline" and additional information received 20 December 2007 entitled NZRC Pipeline

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Designation DRAFT — Rodney District Council (version 1: December 2007).

Designation Width

3. The maximum width of the designation shall be as follows:

- a. For land not within roads or rail corridor 12m; and
- b. For land comprising roads and rail corridor under which the pipeline crosses, or is contained within, 6m.

Engineering Standards

4. All works in, on or under Council roads shall be carried out in accordance with the requirements of the Council's then current Standards for Engineering Design and Construction.

Road Opening

5. Any maintenance, repair, upgrade or renewal works associated with the pipeline within public roads within the designation shall be carried out in accordance with the document "Working in the Roads Requirements" and a Road Opening Notice obtained from the Road Controlling Authority prior to the works commencing.

Pipeline Maintenance

6. All pipeline maintenance, repair, upgrade and renewal activities outside road reserves that involve excavation shall be in accordance with the Guide to Land Access for the Oil and gas industry and Landowners.

Utility Services

7. Any utilities within the designation shall be protected from the adverse effects of maintenance, repair, upgrade or renewal works.

Overland Flow Paths

8. Existing overland flow paths shall not be impeded by any maintenance, repair, upgrade or renewal works carried out within the designation.

Existing Overhead Lines

9. All works or activities related to the designation shall be undertaken in compliance with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001).

Earthworks

10. Where maintenance, repair, upgrade and renewal activities involving excavation are undertaken pursuant to the designation, appropriate sediment and erosion measures shall be employed in accordance with the current Unitary Plan standards. Prior to any earthworks within the designation the appropriate sediment control devices as per Auckland Regional Council Technical Publication No. 90 "Erosion and Sediment Control Guidelines for Land Disturbing activities in the Auckland Region" shall be installed.

Hours of Maintenance

11. Scheduled maintenance, repair, upgrade or renewal work and associated activities shall be limited to between the hours of 7am and 7pm, Monday to Saturday (excluding public holidays) unless the prior approval of the Council has been obtained.

Noise

12. The noise from maintenance works, repair, upgrade and renewal activities shall be measured, assessed and controlled in accordance with the procedures and limits set out in NZS 6803:1999 Acoustics Construction Noise.

Welding, Dust and Smoke

13. Maintenance works, repair, upgrade and renewal activities shall comply with Rule 16.5.2 Welding, and rule 16.7 Dust or Smoke of the Auckland Council District Plan (Rodney Section) 2011 below:

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16.5.2 All welding activities shall be screened from adjacent sites and roads.

16.7

Rule 16.7.1

No activity (apart from traffic travelling on formed roads, or activities authorised by resource consent for a discharge of contaminants into air) shall create a dust or smoke nuisance, which is discernible beyond the boundary of the site or sites on which the activity is being undertaken. For the purposes of this rule a dust or smoke nuisance will occur if the Council considers there is visible evidence of noxious, dangerous, offensive or objectionable deposited particulate matter settling on the ground, a building, or structure, which is traceable from a dust or smoke source; or if the Council considers that the level of dust or smoke, beyond the boundary of the site or sites on which the activity is being undertaken, is noxious, dangerous, offensive or objectionable. In making its determination as to whether there is or is not a dust or smoke nuisance, the Council shall take into account the character of the zone in which the dust or smoke is created. Emergency Service Training and Investigation undertaken by the New Zealand Fire Service Commission is exempt from complying with this rule, however reference should be made to the requirements of the relevant Regional Plan.

Note:

a. In addition to this rule the Proposed Auckland Regional Plan: Air, Land and Water has rules relating to the discharge of smoke and dust.

b. It is the nature of the rural area that rural farming activities are undertaken that will create a level of dust and/or smoke as a part of reasonable farming activities. However, this does not exempt farming activities from meeting Rule 16.7.1.

c. In making the above determination Council shall utilise appropriately trained and/or experienced persons where possible.

Consultation with Transit New Zealand

14. The requiring authority shall consult with New Zealand Transport Agency (NZTA) at least 30 working days prior to carrying out any works or activities on, in or under State Highways, except in emergency situations.

Written Approval from the Requiring Authority

15. The Requiring Authority shall respond within 15 working days of receiving any request for its written approval under section 176 of the RMA.

Advice Notes

1. Access to overhead electricity transmission lines, poles or supporting structures shall be maintained at all times in accordance with the Electricity Act 1992.

2. All land use activities within the designation corridor must comply with the New Zealand Code of Practice for Electrical Safety Distances (NZECP) 34:2001.

3. Any new structures within the designation may be subject to a Building Consent where applicable.

4. Refining NZ has confirmed that it will consult with land owners and occupiers who may be affected by maintenance works, repair, upgrade and renewal activities to reach fair and reasonable arrangements for entry, and to address any matters regarding effects of maintenance, repair, upgrade and renewal activities, including restoring the surface of the land following maintenance, in accordance with its relevant obligations under the pipeline easement.

5. This designation traverses earlier Auckland Council roading, New Zealand Railway Corporation railway and NZTA designations that are protected pursuant to sections 176 and 177 of the RMA, and State Highways which are protected pursuant to sections 51 and 52 of the Government Road Powers Act 1989. Where that occurs, the Requiring Authority may only carry out its activities with the written consent of the earlier requiring authorities.

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6. The Requiring Authority is obliged to operate the pipelines and ancillary facilities in accordance with the requirements of AS2885: Pipelines — Gas and Petroleum Liquids, the Health and safety in Employment (Pipelines) Regulations 1999 and in accordance with the authorisations issued for those facilities in terms of the Petroleum Act 1937.

7. Emergency works may be performed in line with the Vector advice booklet by excavation to 0.4m depth and thereafter the use of hand tools only. Emergency operations should be notified immediately to Vector or their agent who provide an on-call service outside of normal working hours.

8. An authority may need to be obtained from the New Zealand Historic Places Trust to destroy, damage or modify an archaeological site in accordance with the Historic Places Act 1993.

9. Where any maintenance works, repair, upgrade and renewal activities affect any stream or river or where earth works are undertaken the requiring authority will need to obtain any necessary consents from the Auckland Council prior to the works commencing.

10. For the avoidance of doubt, the Requiring Authority has confirmed that it accepts that nothing in the conditions limits, or is intended to limit, the potential obligation under section 176A of the RMA to provide an Outline Plan of works in appropriate circumstances.

Attachments

No attachments.

6501 Petroleum Pipeline - Urban Section

Designation Number	6501
Requiring Authority	New Zealand Refining Company Ltd (Refining NZ)
Location	102 Amreins Road, Taupaki to 149 Roscommon Road, Wiri
Rollover Designation	Yes
Legacy Reference	Designation NZRC1, Auckland Council District Plan (Waitakere Section) 2003; Designation G03-06 Auckland Council District Plan (Isthmus Section) 1999; and Designation 296, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The designation by The New Zealand Refining Company Ltd (Refining NZ) is for the operation, maintenance and repair, upgrade and renewal of the existing petroleum transmission pipeline and ancillary facilities as required for the transportation of refined fuel products and described as follows:

- a. The existing 275mm petroleum transmission pipeline;
- b. The existing isolation valves;
- c. Cathodic protection terminals; and
- d. Surface marker posts and warning signage, located between the northern district boundary extending from the Waitakere City Boundary at Amreins Road, Taupaki and the Wiri Oil Services Terminal at 149 Roscommon Road, Wiri, Manukau City.

The following limitations apply:

- i. Renewal shall be limited to works on the petroleum transmission pipeline and will be limited to the replacement of sections of the pipeline with sections having equivalent diameter, and maximum allowable

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operating pressure of no more than (9.0MPa) and no more than [20] lineal metres of pipeline will be excavated within any 14 day period.

ii. Upgrade will be limited to adding or replacing aboveground components provided the district plan relevant permitted activity standards are complied with and the maximum allowable operating pressure is not increased.

Above ground components are limited to:

- The existing isolation valves;
- The existing cathodic protection terminals;
- Surface marker posts; and
- Warning signage.

iii. All activities within road reserve shall be in accordance with the requirements of "The National Code of Practice for working in Roads"; and

iv. All activities within land other than the road reserve shall be in accordance with the Guide to Land Access for the Oil and Gas Industry and Landowners.

The contact details for Refining NZ are:

Postal Address: Private Bag 9024, Whangarei, New Zealand

Telephone: +64 9 432 8311

Facsimile: +64 9 432 8035

Email: corporate@refiningnz.com

Conditions

Restrictions of the Designation

1.

a. No person shall:

- i. Erect any structure; or
- ii. Plant any tree or shrub; or
- iii. Disturb the soil below a depth of 0.4m; or
- iv. Do anything on or to the land which would or could damage or endanger the pipeline, without first obtaining the written consent of Refining NZ.

For the avoidance of doubt, such written consent shall not be required for ordinary cultivation, digging, excavating, tilling and working soil to a depth of less than 0.4m or where Refining NZ has provided specific written approval prior to the designation coming into effect. A minimum of 1m cover shall remain above the top of the pipe after any ordinary cultivation, digging or excavation has taken place.

Landowners and/or developers can apply to Refining NZ for consent to do any work on the land within the designation corridor. Refining NZ will review each application with the landowner and/or developer and work to achieve the most suitable outcome for all parties. Refining NZ may give its written consent subject to reasonable conditions including the power to revoke the consent in specified circumstances.

NZRC agrees to not unreasonably withhold its consent.

Works or activities that would or could damage or endanger the pipeline include, for example, the use of heavy compaction or vibration machinery and equipment, pile-driving machinery and equipment, trenching, excavation or drilling (including micro drilling and directional drilling).

b. No person shall undertake road opening, trenching, excavation or drilling (including micro drilling and directional drilling), or lay underground high voltage power lines >450v either in parallel with or intersecting Refining NZ's petroleum pipeline, without first obtaining Refining NZ's written approval.

c. However, the restrictions in a. and b. above do not apply, and Refining NZ's consent is not required under

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section 176 of the RMA to the following activities, provided that i. Road Opening Notice has been obtained from the Road Controlling Authority:

- ii. Any road widening or associated works in accordance with any existing road designation;
- iii. Any repair, maintenance or upgrade to existing road surface;
- iv. Any repair, maintenance or upgrade to any existing network utility infrastructure.

Provided in all cases that:

- Soil is not disturbed below a depth of 0.4m from the surface; and
- After works, the finished surface level is not reduced below the pre-existing surface datum.

Where works other than those authorised by an earlier designation would exceed a depth of 0.4m from the surface and/or after completion of such works the finished surface level is proposed to be reduced below the pre-existing surface datum then application shall be made to Refining NZ for consent to do the works. Refining NZ will review each application with the applicant and work to achieve the most suitable outcome for all parties. Refining NZ may give its written consent subject to reasonable conditions, and agrees not to unreasonably withhold its consent.

Emergency works may be performed in line with the Vector Gas advice booklet by excavation to 0.4m depth and thereafter the use of hand tools only. Emergency operations should be notified immediately to Refining NZ or their agent (Vector Gas Ltd) who provide an on-call service outside of normal working hours.

General

2. Subject to these conditions, works shall be undertaken in general accordance with the plans and information submitted by the requiring authority in support of the Notice of Requirement in the documents entitled "Proposed Designation Relating to the Refinery to Auckland Pipeline".

3. The maximum width of the designation shall be as follows:

- a. For land, not including roads and rail corridor 12m; and
- b. For land comprising roads and rail corridor under which the pipeline crosses, or is contained within, 6m.

For the avoidance of doubt, where the designation applies to road or rail corridors the designation shall not extend across any adjacent private property, except to the extent that private property is subject to an easement in favour of Refining NZ.

4. All pipeline maintenance, repair, upgrade and renewal activities within road reserves that involve excavation shall be pursuant to a Road Opening Notice and shall be subject to the Road Opening Notice requirements of the Council and carried out in accordance with "The National Code of Practice for working in Roads".

5. Where maintenance, repair, upgrade and renewal activities involving excavation are undertaken pursuant to the designation, appropriate sediment and erosion measures shall be employed, in accordance with the current Unitary Plan standards.

6. Refining NZ shall at all times ensure that access between parts of any property held in single ownership temporarily severed by maintenance, repair, upgrade and renewal activities is maintained to a level that will enable, as far as practicable, normal activities on the property to continue.

7. Within road reserves scheduled maintenance, repair, upgrade or renewal work and associated activities shall be limited to between the hours of 7am and 7pm, Monday to Saturday (excluding public holidays) except:

- a. where otherwise stated in a Traffic Management Plan, to the satisfaction of the Council; or
- b. with the prior approval of the Council.

8. All works or activities related to the designation shall be undertaken in compliance with the New Zealand

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Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001).

9. The noise from maintenance works, repair, upgrade and renewal activities shall be measured, assessed and controlled in accordance with the procedures and limits set out in NZS 6803:1999 Acoustics – Construction Noise.

10. Refining NZ shall consult with New Zealand Transport Agency (NZTA) at least 30 working days prior to carrying out any works or activities on, in or under State Highways, except in emergency situations.

11. Refining NZ shall consult with Auckland Transport at least 15 working days prior to carrying out any works or activities on, in or under Council-controlled roads, except in emergency situations.

12. The requiring authority shall respond within 15 working days of receiving any request for its written approval under section 176 of the RMA.

Advice Notes

1. Access to overhead electricity transmission lines, poles or supporting structures shall be maintained at all times in accordance with the Electricity Act 1992.

2. Refining NZ has confirmed that it will consult with land owners and occupiers who may be affected by maintenance works, repair, upgrade and renewal activities to reach fair and reasonable arrangements for entry, and to address any matters regarding effects of maintenance, repair, upgrade and renewal activities, including restoring the surface of the land following maintenance, in accordance with its relevant obligations under the pipeline easement.

3. The Requiring Authority is obliged to operate the pipelines and ancillary facilities in accordance with the requirements of AS2885: Pipelines – Gas and Petroleum Liquids, the Health and Safety in Employment (Pipelines) Regulations 1999 and in accordance with the authorisations issued for those facilities in terms of the Petroleum Act 1937.

4. This designation traverses earlier Auckland Council roading, New Zealand Railway Corporation and NZTA Transit designations that are protected pursuant to sections 176 and 177 of the RMA, and State Highways which are protected pursuant to sections 51 and 52 of the Government Roding Powers Act 1989. Where that occurs, the Requiring Authority may only carry out its activities with the written consent of the earlier requiring authorities.

5. An authority may need to be obtained from the New Zealand Historic Places Trust to destroy, damage, or modify an archaeological site in accordance with the Historic Places Act 1993.

Attachments

No attachments.

New Zealand Transport Agency

Designation Schedule - New Zealand Transport Agency

Number	Purpose	Location
6700	Motorway	State Highway 1 from south of Quarry Road, Drury to Bombay Road, Bombay
6701	Motorway	State Highway 1 from Bombay Road to Mill Road, Bombay

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6702	State Highway - declared limited access road	State Highway 1 from Mill Road to south of Beaver Road East (Waikato District Council boundary), Bombay
6703	Road	State Highway 1 at Great South Road on-ramp, Bombay
6704	State Highway - declared limited access road	State Highway 22 (Karaka Road and Paerata Road) from east of Woodlyn Drive, Karaka to Adams Drive, Pukekohe
6705	Land for road widening - 5m where indicated on Map 100, to a minimum width of 30m of road reserve	State Highway 22 (Karaka Road and Paerata Road) from east of Woodlyn Drive, Karaka to Adams Drive, Pukekohe
6706	Motorway purposes Auckland - Hamilton	State Highway 1 from north of Takanini interchange to south of Quarry Road, Drury
6707	State Highway 22	State Highway 22 (Karaka Road and Great South Road) from east of Woodlyn Road, Karaka to State Highway 1, Drury
6708	South Western Motorway (State Highway 20)	State Highway 20 from (1) east of Great south Road, Manukau City Centre to Cavendish Drive interchange, Wiri and from (2) Massey Road to Walmsley Road, Mangere
6709	South Western Motorway (State Highway 20)	State Highway 20 from (1) Manukau Harbour Crossing to Tararata Creek, Mangere and from (2) Massey Road, Mangere to Cavendish Drive interchange, Wiri
6710	Manukau Harbour Crossing	Waterfront Road Reserve, Coronation Road, Rimu Road and Mahunga Drive, Mangere
6712	Airport Motorway (State Highway 20A)	State Highway 20A from Bader Drive to south of Kirkbride Road, Mangere
6713	George Bolt Memorial Drive	State Highway 20A (George Bolt Memorial Drive) from Kirkbride Road to Auckland International Airport, Mangere
6714	Southern Motorway (State Highway 1)	State Highway 1 from north of Highbrook Drive, Otara to south of Great South Road, Takanini
6715	Southern Motorway widening East Tamaki Road	State Highway 1 at East Tamaki Road interchange, Otara
6716	South Western Motorway - State Highway 20 (connection to State Highway 1)	State Highway 20 from Great South Road, Manukau City Centre to Cavendish Drive interchange, Wiri
6717	State Highway 20B Road purposes: the maintenance, operation and improvement of the State Highway (including road widening)	State Highway 20 (Puhinui Road) from Puhinui Road interchange to Orrs Road, Puhinui
6718	Motorway	State Highway 1 from (1) Auckland Harbour Bridge, Westhaven to Fanshawe Street, Freemans Bay and from (2) Grafton Road, Grafton to Tamaki River, Otahuhu, and State Highway 16 from (3) Newton Road, Eden Terrace to Whau River bridge, Avondale and State Highway 20 from (4) Hillborough Road, Hillsborough to Manukau Harbour Crossing, Onehunga
6719	Motorway - Shelley Beach Road priority lane	State Highway 1 at Shelly Beach Road, Westhaven

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6720	Motorway - Newmarket Viaduct improvement project	State Highway 1 from Gillies Avenue to St Marks Road off-ramp, Newmarket
6721	Motorway - Victoria Park tunnel project	State Highway 1 from Victoria Park, Auckland Central to Shelley Beach Road off-ramp, Westhaven
6722	To alter designation A07-01, SH16, causeway and Rosebank Peninsula ...	State Highway 16 from the causeway to north of Patiki Road on-ramp, Avondale
6723	To alter designation A07-01, SH16, between Great North Road and St Lukes Interchange ...	State Highway 16 from Great North Road, Avondale to St Lukes Road, Western Springs
6724	The designation provides for the construction, and subsequent operation, maintenance and minor improvement of the motorway interchange	State Highway 16 in the vicinity of (1) Patiki Road, Avondale and (2) Rosebank Road, Avondale
6725	Construction of a public road to provide access to properties at the northern end of Patiki Road	State Highway 16 on Patiki Road, Avondale
6726	Construction of a public road to provide access to properties at the northern end of Patiki Road ...	State Highway 20 from Great North Road (in the vicinity of Alverston Street) to the northern portal (vicinity of Great North Road interchange), Waterview
6727	12.2 metre height restriction affecting land within 76.2 meters of the centre line of the Newmarket Viaduct	Vicinity of Newmarket Viaduct (State Highway 1), Newmarket
6728	For a new designation, SH20 tunnels, Great North Road underpass to Alan Wood Reserve ...	State Highway 20 from Alan Wood Reserve, Mt Roskill to Great North Road, Waterview
6729	Proposed motorway; proposed motorway and railway; proposed road, Hayr Road to Richardson Road ...	State Highway 20 from Hillsborough Road, Hillborough to Maioro Street, Mt Roskill
6730	For new designation, SH20, southern tunnel portal to Maioro Street interchange ...	State Highway 20 from Maioro Street to Alan Wood Reserve, Mt Roskill
6731	The designation is for the following work: ...	State Highway 20 from Queenstown Road, Hillborough to Ernie Pinches Street, Mt Roskill Hillsborough Road
6732	The designation is for the following work: ...	State Highway 20 from Queenstown Road, Hillborough to Maioro Street, Mt Roskill
6733	The designation is for the following work: ...	State Highway 20 in the vicinity of Earnie Pinches Street, Mt Roskill
6734	Otahuhu Southern Motorway interchange	State Highway 1 at Otahuhu interchange, Otahuhu
6735	The designation is to include, and allow for, the control of this State Highway, including planning, design, supervision, construction and maintenance ...	State Highway 1 from Wellington Street to Victoria Park, Auckland Central

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6736	The designation is to include, and allow for, the control of this State Highway, including planning, design, supervision, construction and maintenance ...	State Highway 1 and 16 from Grafton Road, Grafton to Wellington Street, Auckland Central and State Highway 16 from Parnell Rise to Newton Road, Auckland Central
6738	Alteration to designation NZTA1, SH16, between Whau River and Henderson Creek ...	State Highway 16 from Whau Creek to Henderson Creek, Te Atatu
6740	N/A	State Highway 16 from north end of Fred Taylor Drive to Brighams Creek, Whenuapai
6741	N/A	State Highways 16 from Westgate interchange, Westgate to Brigham Creek Road intersection, Whenuapai and State Highway 18 from Westgate interchange, Westgate to Greenhithe Bridge, Hobsonville
6742	Refer NOR-2010-1559	State Highway 16 from Henderson Creek, Henderson to Huruhuru Road Bridge, Massey
6743	Refer NOR-2010-1136	State Highway 16 from west of Huruhuru Road bridge, Massey to Westgate interchange, Westgate
6744	N/A	State Highway 16 south of Westgate interchange, Westgate
6747	Motorway administration and maintenance	28 Sulphur Beach Road, Northcote
6748	Auckland Harbour Bridge works depot and anchorage	9 Princes Street, Northcote Point
6749	Auckland Harbour Bridge works depot and anchorage	Queen Street (Pt Allotment 68 TTN of Woodside) , Northcote Point
6750	Auckland-Waiwera Motorway (State Highway 1), including planning, design, supervision, construction and maintenance ...	State Highway 1 from Auckland Harbour Bridge, Northcote to Greville Road interchange, Albany
6751	Proposed Motorway (Auckland/Waiwera Motorway State Highway 1), including planning, design, supervision, construction and maintenance ...	State Highway 1 from Greville Road interchange, Albany to Lonely Track Road, Albany
6753	State Highway 18 - the control, management and improvement of the State Highway ...	State Highway 18 from Constellation Drive interchange (State Highway 1) to west of Paul Matthews Road, Rosedale
6756	State Highway 18 - the control, management and improvement of the State Highway ...	State Highway 18 (Upper Harbour Highway) from west of Paul Matthews Road, Rosedale to Upper Harbour Bridge, Greenhithe
6757	The North Shore Busway ...	North Shore Busway from south of Onewa Road interchange, Onewa to Constellation Drive interchange, Rosedale
6758	Constellation Drive Station ...	Corner Constellation Drive interchange and State Highway 1, Rosedale

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6759	Motorway	State Highway 1, Silverdale interchange, Silverdale
6760	Motorway	State Highway 1 from Lonely Track Road, Redvale to Silverdale interchange, Silverdale
6761	Motorway and limited access highway and associated interchange structures	State Highway 1 from Bankside Road, Silverdale to Titfords Bridge, Puhoi
6762	Quarry	State Highway 1 (Pt Allotment N158 PSH of Mahurangi), Pohuehue
6763	State Highway 1	State Highway 1 from Titfords Bridge, Puhoi to Ross Road (Kaipara District Council boundary), Topuni
6764	Road widening	State Highway 1 intersection with Hudson Road, Warkworth
6765	State Highway 1 / Wayby Valley Road / Wayby Station Road intersection	State Highway 1 intersection with Wayby Station Road and Wayby Valley Road, Wellsford
6766	State Highway 16	State Highway 16 from Brigham Creek, Hobsonville to State Highway 1, Wellsford
6768	Road widening	State Highway 16 (Main Road), Kumeu and Huapai

6700 State Highway 1 - Drury to Bombay

Designation Number	6700
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from south of Quarry Road, Drury to Bombay Road, Bombay
Rollover Designation	Yes
Legacy Reference	Designation 86A, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Motorway.

Conditions

No conditions.

Attachments

No attachments.

6701 State Highway 1 - Bombay

Designation Number	6701
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from Bombay Road to Mill Road, Bombay
Rollover Designation	Yes
Legacy Reference	Designation 86B, Auckland Council District Plan (Franklin Section) 2000

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Motorway.

Conditions

No conditions.

Attachments

No attachments.

6702 State Highway 1 - Bombay to Waikato District Council boundary

Designation Number	6702
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from Mill Road to south of Beaver Road East (Waikato District Council boundary), Bombay
Rollover Designation	Yes
Legacy Reference	Designation 86C, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

State Highway - declared limited access road.

Conditions

No conditions.

Attachments

No attachments.

6703 State Highway 1 - Bombay On-ramp

Designation Number	6703
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1: Great South Road on-ramp, Bombay
Rollover Designation	Yes
Legacy Reference	Designation 86D, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Description

Road.

Purpose

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No conditions.

Attachments

No attachments.

6704 State Highway 22 - Karaka to Pukekohe

Designation Number	6704
Requiring Authority	New Zealand Transport Agency
Location	State Highway 22 (Karaka Road and Paerata Road) from east of Woodlyn Drive, Karaka to Adams Drive, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 88, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

State Highway - declared limited access road.

Conditions

No conditions.

Attachments

No attachments.

6705 State Highway 22 Road Widening - Karaka to Pukekohe

Designation Number	6705
Requiring Authority	New Zealand Transport Agency
Location	State Highway 22 (Karaka Road and Paerata Road) from east of Woodlyn Drive, Karaka to Adams Drive, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 140, Auckland Council District Plan (Franklin Section) District Plan 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Land for road widening - 5m where indicated on Map 100, to a minimum width of 30m of road reserve.

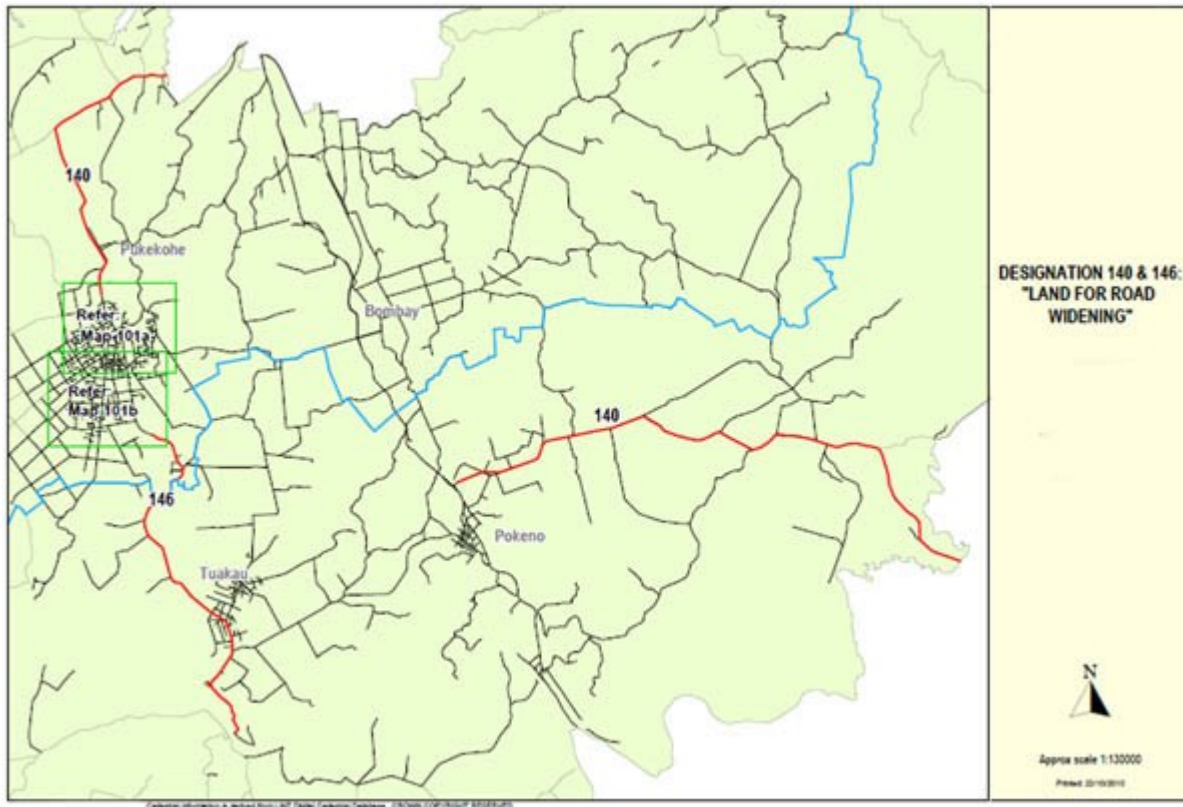
Conditions

No conditions.

Attachments

Map 100 - Designation Land for Road Widening

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6706 State Highway 1 - Takanini to Drury

Designation Number	6706
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from north of Takanini interchange to south of Quarry Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 201, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Motorway purposes Auckland - Hamilton.

Conditions

No conditions.

Attachments

No attachments.

6707 State Highway 22 - Karaka to Takanini

Designation Number	6707
Requiring Authority	New Zealand Transport Agency

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Location	State Highway 22 (Karaka Road and Great South Road) from east of Woodlyn Road, Karaka to State Highway 1, Drury
Rollover Designation	Yes
Legacy Reference	Designation 224, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

State Highway 22.

Conditions

No conditions.

Attachments

No attachments.

6708 State Highway 20 - Manukau City to Wiri and Mangere

Designation Number	6708
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20 from (1) east of Great south Road, Manukau City Centre to Cavendish Drive interchange, Wiri and from (2) Massey Road to Walmsley Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 181, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

South Western Motorway (State Highway 20).

Conditions

No conditions.

Attachments

No attachments.

6709 State Highway 20 - Manukau Harbour Crossing to Mangere

Designation Number	6709
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20 from (1) Manukau Harbour Crossing to Tararata Creek, Mangere and from (2) Massey Road, Mangere to Cavendish Drive interchange, Wiri
Rollover Designation	Yes

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Legacy Reference	Designation 182, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

South Western Motorway (State Highway 20).

Conditions

General

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority, being Transit New Zealand (Transit), the Notice of Requirement (as updated 28 August 2006) and supporting documents, as follows:
 - a. 'SH20 Manukau Harbour Crossing Project — Volume 1 Assessment of Environmental Effects and Attachments', prepared for Transit New Zealand by Opus Consultants Ltd, dated 19 May 2006 and annotated September 2006;
 - b. 'SH20 Manukau Harbour Crossing Project — Volume 2 Technical Appendices', prepared for Transit New Zealand by Opus Consultants Ltd, dated 19 May 2006 and annotated September 2006;
 - c. 'SH20 Manukau Harbour Crossing Project — Volume 3 Scheme Plans and Drawings', prepared for Transit New Zealand by Opus Consultants Ltd, dated 19 May 2006 and annotated September 2006; and other information provided to the Manukau City Council in response to requests for further information under Section 92 of the Resource Management Act 1991 (the Act) and at the hearing.
2. As soon as practicable, following completion of construction of the SH20 Manukau Harbour Crossing Project (the Project), the Requiring Authority shall give notice to the Manukau City Council in accordance with Section 182 of the Act for removal of those parts of the designation which are not required for the long term operation, maintenance and mitigation of effects of the State highway. Note that Condition 2 is specific to land no longer required for construction purposes once the Project is completed.
3. A liaison person shall be appointed by the Requiring Authority for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be reasonably available for on-going consultation on all matters of concern to affected persons arising from the Project.
4. The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Act.

Outline Plans of Works and Management Plans

5. Prior to the commencement of works, the Requiring Authority shall submit to the Manukau City Council the relevant Management Plans required under Conditions 10, 17, 22, 26, 29, 42 and 52 below. The Management Plans shall be submitted to the Manukau City Council as soon as reasonably practicable, allowing sufficient time for review by the Manukau City Council and discussion with the Requiring Authority.
6. Any Management Plans or Outline Plans of Works may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted in stages must clearly show integration with adjacent stages and interrelated activities.
7. If the Manukau City Council and the Requiring Authority agree on the content and terms of such Management Plans, that agreement shall be deemed to be a waiver in relation to that Plan or relevant part of that Plan pursuant to section 176A(2)(c) of the Act of the requirement for an Outline Plan of Works under section 176A. If the Manukau City Council and the Requiring Authority do not agree on the terms of such Plan or Plans, the

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relevant provisions of section 176A of the Act shall apply in respect of any part not agreed.

8. The works shall be undertaken in accordance with the approved Management Plan or accepted Outline Plan of Works (as the case may be).

9. Prior to lodging any outline plan of works or part of such a plan that contains details of measures that may affect public transport, Transit shall consult about the design details with relevant public transport operators, the Auckland Regional Transport Authority, the Manukau City Council and the Auckland City Council. Any such plan shall include a report on this consultation and measures that have been taken to meet any concerns raised.

Construction

10. At least 20 working days prior to the commencement of works on the Project or the relevant stage of the Project, the Requiring Authority shall prepare and submit to the Manukau City Council, a Construction Management Plan (CMP). The purpose of the CMP is to set out the management procedures and construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities.

11. The CMP shall be prepared in consultation with the Manukau City Council and shall include specific details relating to demolition, construction and management of all works associated with the Project, including:

- a. Details of the site or project manager and the construction liaison person identified in condition 3, including their contact details (phone, facsimile, postal address, email address);
- b. The location of large notice boards that clearly identify Transit and the project name, together with the name, telephone number, email address and address for service of the site or project manager and the construction liaison person;
- c. An outline construction programme of the works indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- d. The hours of work, which should reflect the need to ensure that residents enjoy reasonable freedom from noisy or intrusive construction activity in their neighbourhood at nights, on Sundays and during public holidays;
- e. Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
- f. Location of workers offices and conveniences (eg portaloos);
- g. Procedures for controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- h. Methods to stabilise ingress and egress points to construction sites, to the standard required by ARC Technical Publication 90 (March 1999);
- i. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works, potentially through the construction liaison person;
- j. Procedures to be followed to ensure that those working in the vicinity of identified heritage features are aware of the heritage values of these features and the steps which need to be taken to meet the conditions applying to work on the site;
- k. Means of ensuring the safety of the general public;
- l. Procedures for the construction liaison person to receive and respond to complaints about construction activities, including dust and odour from the works;
- m. Methods of mitigating the local and network wide effects of construction of individual elements of the Project, including measures to ensure that parking of staff vehicles on surrounding residential streets and Coronation Road is restricted;
- n. The layout of the construction yard at Waterfront Road Reserve, including associated buildings, fencing and site access, which shall, as far as practicable, incorporate the following:
 - i. Retention of the existing public parking area along Coronation Road (which shall not be used for the parking of

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machinery and vehicles, including workers' vehicles, associated with the project);

ii. The main vehicle access across the construction yard to be located as far as practicable from residential dwellings on Waterfront Road and be accessed from Coronation Road;

iii. Construction of temporary boundary / security fences to be undertaken in a manner which minimises impact on existing trees located along Waterfront Road and maintains a grass berm along the road edge;

iv. Noisy construction activities to be located as far as practicable, and preferably no less than 100m, from residential dwellings;

v. Acoustic fences required to achieve compliance with NZS6803:1999 Acoustics — Construction Noise to be located as close as practicable to the noise sources or otherwise in the most effective positions;

vi. Temporary buildings greater than 8 metres in height to be located in a position which minimises visual impact on residential dwellings on Waterfront Road; and

o. All temporary boundary/security fences shall be maintained in good order, with any graffiti removed as soon as possible.

12. A record of any complaints received in relation to the construction activities and the responses made shall be provided on a three monthly basis by the 10th day of the following month to the Council.

13. The CMP shall be implemented and maintained throughout the entire construction period

14. Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of the designation at all times, and shall not be stored or parked along Coronation Road and Waterfront Road.

15. All storage of materials and equipment associated with the construction works shall take place within the boundaries of the designation.

16. Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the roads during the site preparation and construction phase of development. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standard as existed prior to such damage at no cost to the Manukau City Council.

Construction Noise and Vibration

17. The CMP shall include a Construction Noise Management Plan (CNMP) and a Construction Vibration Management Plan (CVMP) for the Project or relevant Project stage, prepared by a suitably qualified expert.

18. The CNMP and the CVMP shall be implemented and maintained throughout the entire demolition and construction periods.

19. The CNMP shall include specific details relating to the control of noise associated with all Project works. It shall as far as practicable be formulated to achieve compliance with the requirements of the NZS6803:1999 Acoustics — Construction Noise. The CNMP shall refer to noise management measures set out in Annexure E of NZS6803:1999, and shall, as a minimum, address the following aspects:

a. Demolition and construction sequence;

b. Noise sources, including machinery and equipment to be used;

c. Hours of operation, including times and days when noisy construction work would occur;

d. Predicted construction noise levels;

e. The specification of noise mitigation measures;

f. Development of alternative strategies where compliance with NZS6803:1999 cannot be achieved, including consultation with residents and other occupiers to achieve acceptable outcomes, and

g. Methods for monitoring and reporting on construction noise.

20. As far as practicable, permanent acoustic barriers that are required by the Noise Management Plan

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(Condition 30.a. of these conditions) shall be erected prior to road construction, provided each barrier is required at that time to meet the requirements of the CNMP (Condition 19.e. of these conditions).

21. The CVMP shall include specific details relating to the control of vibration associated with all Project works. It shall as far as practicable be formulated to achieve compliance with the vibration standards of the German Standard DIN 4150, and shall address the following aspects:

- a. Vibration monitoring measures;
- b. Existing vibration levels;
- c. Possible mitigation measures;
- d. Complaint response;
- e. Reporting procedures;
- f. Notification and information for the community of the proposed works;
- g. Where appropriate vibration testing of construction processes (e.g. piling) to confirm that the vibration limits will not be exceeded;
- h. Location for vibration monitoring when construction activities are adjacent to critical buildings;
- i. Operational times;
- j. Preparation of dilapidation reports on critical dwellings prior to, during and after completion of works.

Construction Traffic

22. The CMP shall include a Traffic Management Plan (TMP), for the Project or the relevant Project stage, which shall be prepared by a suitably qualified person. In developing the TMP the Requiring Authority shall:

- a. use advanced traffic modelling tools to better understand the effects of construction of the Project on the affected road network. These tools will be developed and calibrated in conjunction with the Manukau City Council and have the ability to simulate lane restrictions and road closures, and
- b. as far as practicable, undertake measures to avoid road closures and also the restriction of vehicle and pedestrian movements.

23. The TMP shall describe the measures that will be undertaken to address, as far as practicable, the following:

- a. Methods of avoiding, remedying or mitigating the local and network wide effects of construction of the Project. In particular, the TMP shall describe:
 - i. Traffic management measures to address and maintain, where practicable traffic capacity, including bus services, at traffic peak hours during weekdays and weekends in Mahunga Drive, Rimu Road and Coronation Road.
 - ii. Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
 - iii. Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (e.g. intersections/overbridge) and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
 - iv. Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks);
 - v. The numbers, frequencies, routes and timing of construction traffic movements;
 - vi. Monitoring to measure the impact of traffic, in terms of traffic speeds and volumes on those roads described in 23(a)(i); and
 - vii. Methods to manage the effects of traffic during construction, including the requirement to detour or divert traffic. These methods shall seek to avoid, remedy or mitigate effects on access to and from businesses and other organisations in the area.
- b. Traffic management measures during construction, to be developed in consultation with the Auckland Regional Transport Authority (ARTA), Bus and Coach Association and the Manukau City Council, to address and maintain, where practicable, traffic capacity at peak hours to provide for passenger transport services on the road network;
- c. Consultation with the Manukau City Council with regard to the most appropriate means for providing access

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on Council roads within and adjacent to the designation;

d. Measures to maintain existing vehicle access, as far as practicable, or where the existing property access is to be removed or becomes unsafe as a result of the construction works to provide alternative access arrangements to an equivalent standard as that removed, as far as practicable, and in consultation with the Manukau City Council and the affected landowner;

e. Details on the maintenance of pedestrian access with thoroughfare to be maintained on all roads and footpaths adjacent to the construction works, where practicable. Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours;

f. Consistency with Transit New Zealand 'Code of Practice for Temporary Traffic Management' (COPTTM);

g. Recognition of the need for the Manukau City Council to access and maintain its roading network during the construction phase of the Project, and

h. Recognition of the need to coordinate and to consult directly with the proponents of any major construction occurring concurrently with, and in the vicinity of, the Project during construction.

24. The Requiring Authority shall ensure that provision for continued public walking and cycling passage across Manukau Harbour generally between Coronation Road, Mangere Bridge and Onehunga Harbour Road, Onehunga, in the general vicinity of the Old Mangere Bridge, is kept and maintained.

25. Vehicle access to the construction site and site office areas in Waterfront Road Reserve shall be via Coronation Road.

Contamination

26. Prior to commencing earthworks, a Contaminated Land Management Plan (CLMP) shall be prepared by a suitably qualified expert.

27. This CLMP will be based on a Stage 2 Detailed Site Investigation Report carried out in accordance with Contaminated Land Management Guidelines No. 1 — Reporting on Contaminated Sites in New Zealand (Ministry for the Environment October 2003).

28. The CLMP shall indicate whether work on contaminated land can be authorised as part of the designation or whether a separate resource consent (from the Auckland Regional Council) is required. If the work can be authorised as part of the designation, then the CLMP should incorporate conditions under which the work can be undertaken. Such conditions will be drawn up in conjunction with the Manukau City Council. The CLMP shall be provided to the Manukau City Council prior to commencement of earthworks.

Operational Noise

29. A Noise Management Plan (NMP) shall be submitted to the Manukau City Council for the Project or stage of the project. The NMP shall be prepared by a suitably qualified acoustic expert for the purposes of avoiding, mitigating or remedying, where practicable, any adverse noise effects from the operation of the Project.

30. The NMP shall include:

a. General measures (e.g. low noise road surface material and noise attenuation barriers), to achieve compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999);

b. Specific measures for any existing dwellings, where these are necessary in addition to the general measures under (a) above to achieve compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999), and

c. A table showing the predicted traffic noise levels generated by the operation of the Project for the year 2021, for all noise sensitive facilities to be protected by the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999) (residential buildings and teaching areas in educational facilities) taking into consideration the finally agreed height, length and location of all noise barriers and all other noise mitigation measures incorporated in the project design.

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d. A section specifically dealing with "before" and "after" noise monitoring to check for achievement of the design levels of the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999). This part of the plan shall describe methods and procedures for the measurement of ambient noise levels existing prior to construction, and of traffic noise levels within a period between 2 and 3 years following completion of construction of the Project, measured at representative sites and shall:

- i. Be based on Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999) and NZS6801:1991 "Measurement of Sound";
- ii. Outline methods used for the representative site selection of a minimum of at least four (4) sites and shall include site maps photographs detailing the measurement positions; and
- iii. Include a process for reporting of measurement results to Council within 30 days following the completion of both the "before" and "after" surveys and include comments on measurement conditions.

31. The location and design of noise attenuation barriers shall be in general accordance with the provisions of Alignment plans 1/69/82/5104 Sheets 2, 3 and 4 dated 05/06 but modified as agreed through the process outlined in Condition 46 below.

32. The NMP shall identify any existing dwellings for which specific measures are required in accordance with Condition 30.b. above. Those dwellings shall be referred to as 'affected dwelling(s)'.

33. Not less than three (3) months prior to the completion of construction of the Project, the Requiring Authority shall give written notice to the owner of any affected dwelling:

- a. Advising the options available for mitigation treatment to the affected dwelling and the predicted benefits of implementation of such options in term of noise levels; and
- b. Advising that the owner has six (6) months within which to decide whether or not to accept mitigation treatment to the dwelling.
- c. Once an agreement on mitigation is reached between the Requiring Authority and the owner, the mitigation shall be implemented in an accepted timeframe between the Requiring Authority and the owner.

34. The Requiring Authority shall advise the Manukau City Council of:

- a. All written notices served in accordance with Condition 33;
- b. Any responses received to those written notices; and
- c. Those affected dwellings in respect of which no response has been received.

35. Where specific measures are required under Condition 30.b. above for an affected dwelling, the Requiring Authority shall be deemed to have complied with Condition 30.b. where:

- a. The Requiring Authority has completed noise mitigation treatment to an affected dwelling; or
- b. The owner of the affected dwelling has refused to accept the Requiring Authority's offer to implement noise mitigation treatment to the dwelling prior to the expiry of six (6) months after the practical completion of the Project; or
- c. The owner of the affected dwelling cannot after reasonable enquiry be found prior to the expiry of six (6) months after written notice has been given in accordance with condition 33 above.

36. Subject to condition 35, all noise mitigation measures identified by the NMP shall be implemented prior to the completion of construction of the Project.

Operational Vibration

37. Vibration levels of the existing SH20 operations shall be measured at nominated critical locations, and submitted to the Council, prior to the commencement of works. These baseline measurements will provide levels for current use and for comparison with future levels.

38. In circumstances where vibration generated by the passage of vehicles on the completed highway results in

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adverse effects on persons or property, which, in the reasonable opinion of the Manukau City Council, give rise to a breach of s17 Act, then these are to be measured and assessed in accordance with the provisions of Norwegian Standard NS 8176E.

Archaeological and Heritage

39. Detailed protocols for the management of archaeological and waahi tapu discoveries shall be developed in consultation with tangata whenua and New Zealand Historic Places Trust prior to construction.

40. Subject to condition 41, if any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. The Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust and the Manukau City Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the NZ Historic Places Trust is obtained.

41. Condition 40 shall not apply where the Requiring Authority holds all relevant approvals under the Historic Places Act 1993, apart from the requirement in the case of discovery of human remains to contact the New Zealand Police. Urban Design and Landscaping Mitigation

42. An integrated Urban Design and Landscape Mitigation Plan (UDLMP) shall be submitted to the Manukau City Council for the Project or relevant Project stage. This UDLMP shall be prepared by a suitably qualified person or persons, in consultation with the Manukau City Council, Auckland Regional Council and relevant tangata whenua and shall take into account the following:

- a. Transit New Zealand's "Guidelines for Highway Landscaping" (September 2002);
- b. Transit New Zealand's "Urban Design Implementation Principles" (2006).

43. The UDLMP shall have regard to the following principles:

- a. The importance of the southern approaches to the Mangere Bridge as a gateway to Manukau City;
- b. The existing coastal landscape values of the area;
- c. The potential of noise barriers and other structures as design elements;
- d. Support for a strong pedestrian and cycle experience;
- e. Measures to provide for safe passage of pedestrians, cyclists and mobility impaired users;
- f. Crime prevention through environmental design.

44. The UDLMP shall in particular provide for:

- a. The integration of the permanent works into the surrounding landscape;
- b. Mitigation of effects on properties in the vicinity of the alignment;
- c. Pedestrian and cycle linkages proposed in respect of the project, in particular that linking Mahunga Drive and the southern abutment of Old Mangere Bridge via Waterfront Road Reserve. These linkages shall
 - i. be provided in accordance with Austroads Part 14 Bicycles, with a minimum width of 3.0 metres plus clearances
 - ii. include an upgraded pedestrian/cycle facility along the southern embankment of the Old Mangere Bridge (Coronation Road) which physically separates the pedestrian/cycle facility from vehicular traffic, parking areas, turning areas and boat launching facilities. (Along the embankment, the pedestrian / cycle facility shall have a minimum width of 3.5 metres.)
- d. Integration, consistency and continuation of significant elements with recently established planting themes through the Western Ring Route, established desirable coastal vegetation, and the vegetative character of

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Onehunga and Mangere Bridge townships;

e. Retention or relocation of existing trees where practicable; and

f. Replacement planting or mitigation for loss of protected or scheduled trees.

45. The UDLMP shall include the following:

a. An Urban Design Framework that depicts the overall urban design concept, the design intent, layout and mitigation proposals for key components and areas (or sectors) of the project, and provide a framework for the design, layout, landscape planting and streetscape measures;

b. Landscape and Urban Design Details — these shall include the following details:

i. Identification of vegetation to be retained;

ii. Proposed planting, including plant species, mixes, spacing/densities, sizes (at time of planting) and layout;

iii. Planting programme — the staging of planting in relation to the construction programme;

iv. Detailed specifications relating to (but not limited to) the following:

- Vegetation protection (for desirable vegetation to be retained);
- Weed control and clearance;
- Ground preparation;
- Mulching;
- Plant supply and planting;
- Maintenance regime (requirements and programme); and
- Performance standards.

v. Detailed design of streetscape elements such as

- Noise attenuation barriers (including their location within the motorway reserve);
- Road safety barriers;
- Retaining walls;
- The new pedestrian footbridge and other new pedestrian facilities.

45. The UDLMP shall include the following:

a. An Urban Design Framework that depicts the overall urban design concept, the design intent, layout and mitigation proposals for key components and areas (or sectors) of the project, and provide a framework for the design, layout, landscape planting and streetscape measures;

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- Vegetation protection (for desirable vegetation to be retained);
- Weed control and clearance;
- Ground preparation;
- Mulching;
- Plant supply and planting;
- Maintenance regime (requirements and programme); and
- Performance standards.

v. Detailed design of streetscape elements such as

- Noise attenuation barriers (including their location within the motorway reserve);
- Road safety barriers;
- Retaining walls;
- The new pedestrian footbridge and other new pedestrian facilities.

46. That portion of the UDLMP that deals with the design and placement of noise attenuation barriers shall be developed in consultation with persons who own or occupy property that adjoins those barriers (the neighbours).

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47. Prior to submission of the UDLMP to the Manukau City Council, the draft UDLMP shall be presented to the Manukau City Urban Design Panel for its comment, and that comment shall then be considered in finalising the UDLMP.

47A. The works as set out in the UDLMP shall be implemented as soon as practicable and works shall be completed no later than 12 months after the practical completion date of the Project. Waterfront Road Reserve Restoration Plan

48. The Requiring Authority shall prepare, in consultation with the Manukau City Council and the Auckland Regional Council, a Waterfront Road Reserve Restoration Framework (WRRRF) to outline how the reserve land occupied during construction will be reinstated on completion of construction. The WRRRF shall outline measures to mitigate the adverse effects the Project may have on local residents, and shall include, but not be limited to, the following:

- a. The proposed remediation of the coastal edge (particularly above mean high water springs) along the Waterfront Road Reserve, to provide an attractive interface (that may include a sea wall) that addresses erosion problems and removes construction debris and materials;
- b. Proposed landscaping in the Waterfront Road Reserve on completion of construction;
- c. The proposed pedestrian / cycle path from the Coronation Road end of Waterfront Road Reserve, under the southern end of the motorway bridge, to Mahunga Drive (refer also to Condition 44.c. for conditions relating to the pedestrian/cycleway along Coronation Road);
- d. Proposals for reuse of any construction buildings or hardstand, areas;
- e. Proposals for the provision of vehicle access through the park and parking;
- f. Consultation to be undertaken in preparation of the Waterfront Road Reserve Restoration Plan (WRRRP); and
- g. Timeframe to obtain any consents required and complete works as set out in the WRRRF.

49. The proposed WRRRF shall be submitted to the Manukau City Council at least 20 working days prior to the commencement of construction works in Waterfront Road Reserve to enable sufficient time for consideration by Council. Any subsequent significant amendments to the approved WRRRP shall be submitted to Manukau City Council for approval prior to implementation

49A. The Requiring Authority shall prepare, in consultation with the Manukau City Council and the Auckland Regional Council, a Waterfront Road Reserve Restoration Plan (WRRRP), which shall include further details of the mitigation measures set out in the WRRRF pursuant to condition 48 above. The proposed WRRRP shall be submitted to the Manukau City Council for approval at least six (6) months prior to the programmed completion date for Project construction works in Waterfront Road Reserve to enable sufficient time for consideration by Council.

50. Where the restoration works require coastal consents for works within the Coastal Marine Area, it shall be Transit's responsibility to obtain those consents on behalf of Manukau City Council.

51. The works as set out in the Waterfront Road Reserve Restoration Plan shall be implemented as soon as possible and works shall be completed no later than 12 months after the practical completion date of the Project.

Integration with Local Road Network

52. The Requiring Authority shall prepare a Network Integration Plan in consultation with the Manukau City Council to demonstrate how the Project integrates with the existing local road network and with future improvements planned by the Manukau City Council. The Network Integration Plan shall include details of physical works at the interface between the State highway and the local road network, and shall address such matters as lane configuration, traffic signal co-ordination, signage and provision for buses. The Network Integration Plan shall be submitted to the Manukau City Council for the Project or relevant Project stage.

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Lighting

53. Subject to the requisite safety standards, motorway lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas, and to minimise encroachment of lighting standards into view shafts.

Network Utilities

54. Prior to submitting an outline plan of works (s176A of the Act), the Requiring Authority shall consult with Network Utility Operators to identify and record network utility operations and measures to be undertaken to minimise disruption to and maintain proper functioning of those operations. These may include (but are not limited to) measures in relation to the following:

- a. Access;
- b. Protection, relocation and / or reinstatement of network utility infrastructure;
- c. Safety;
- d. Earthworks management;
- e. Dust and vibration management.

The outline plan of works shall describe the proposed measures to minimise disruption to and maintain proper functioning of all affected network utility operations.

Air Quality Monitoring

55. An air quality monitoring station shall be established at a site comparable to the station located in the rear car park of the Te Puea Marae, Miro Road during 2006–2007.

56. The air quality monitoring station will monitor the following parameters for a period of six (6) months within the 24 month period prior to construction of the Project:

- a. Fine particulates (PM10) and oxides of nitrogen (NOx) in accordance with the specifications given in the National Environmental Standards, Air Quality, and
- b. Meteorological measurements of wind speed, wind direction and temperature.

57. The station will monitor the following parameters for a period of twelve (12) months after construction of the Project:

- a. Fine particulates (PM10) and oxides of nitrogen (NOx) in accordance with the specifications given in the National Environmental Standards, Air Quality, and
- b. Meteorological measurements of wind speed, wind direction and temperature.

58. Results of the monitoring in summary form, assessed against the National Environmental Standards, Air Quality and the Auckland Regional Council target values, shall be reported quarterly to the Manukau City Council.

Attachments

No attachments.

6710 State Highway 20 - Vicinity of Manukau Harbour Crossing

Designation Number	6710
Requiring Authority	New Zealand Transport Agency
Location	Waterfront Road Reserve, Coronation Road, Rimu Road and Mahunga Drive, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 182A, Auckland Council District Plan (Manukau Section) 2002

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Lapse Date	Given effect to (i.e. no lapse date)
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Description

Manukau Harbour Crossing.

Conditions

General

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority, being Transit New Zealand (Transit), the Notice of Requirement (as updated 28 August 2006) and supporting documents, as follows:
 - a. 'SH20 Manukau Harbour Crossing Project — Volume 1 Assessment of Environmental Effects and Attachments', prepared for Transit New Zealand by Opus Consultants Ltd, dated 19 May 2006 and annotated September 2006;
 - b. 'SH20 Manukau Harbour Crossing Project — Volume 2 Technical Appendices', prepared for Transit New Zealand by Opus Consultants Ltd, dated 19 May 2006 and annotated September 2006;
 - c. 'SH20 Manukau Harbour Crossing Project — Volume 3 Scheme Plans and Drawings', prepared for Transit New Zealand by Opus Consultants Ltd, dated 19 May 2006 and annotated September 2006; and other information provided to the Manukau City Council in response to requests for further information under Section 92 of the Resource Management Act 1991 (the Act) and at the hearing.
2. As soon as practicable, following completion of construction of the SH20 Manukau Harbour Crossing Project (the Project), the Requiring Authority shall give notice to the Manukau City Council in accordance with Section 182 of the Act for removal of those parts of the designation which are not required for the long term operation, maintenance and mitigation of effects of the State highway. Note that Condition 2 is specific to land no longer required for construction purposes once the Project is completed.
3. A liaison person shall be appointed by the Requiring Authority for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be reasonably available for on-going consultation on all matters of concern to affected persons arising from the Project.
4. The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Act.

Outline Plans of Works and Management Plans

5. Prior to the commencement of works, the Requiring Authority shall submit to the Manukau City Council the relevant Management Plans required under Conditions 10, 17, 22, 26, 29, 42 and 52 below. The Management Plans shall be submitted to the Manukau City Council as soon as reasonably practicable, allowing sufficient time for review by the Manukau City Council and discussion with the Requiring Authority.
6. Any Management Plans or Outline Plans of Works may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted in stages must clearly show integration with adjacent stages and interrelated activities.
7. If the Manukau City Council and the Requiring Authority agree on the content and terms of such Management Plans, that agreement shall be deemed to be a waiver in relation to that Plan or relevant part of that Plan pursuant to section 176A(2)(c) of the Act of the requirement for an Outline Plan of Works under section 176A. If the Manukau City Council and the Requiring Authority do not agree on the terms of such Plan or Plans, the relevant provisions of section 176A of the Act shall apply in respect of any part not agreed.

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8. The works shall be undertaken in accordance with the approved Management Plan or accepted Outline Plan of Works (as the case may be).

9. Prior to lodging any outline plan of works or part of such a plan that contains details of measures that may affect public transport, Transit shall consult about the design details with relevant public transport operators, the Auckland Regional Transport Authority, the Manukau City Council and the Auckland City Council. Any such plan shall include a report on this consultation and measures that have been taken to meet any concerns raised.

Construction

10. At least 20 working days prior to the commencement of works on the Project or the relevant stage of the Project, the Requiring Authority shall prepare and submit to the Manukau City Council, a Construction Management Plan (CMP). The purpose of the CMP is to set out the management procedures and construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities.

11. The CMP shall be prepared in consultation with the Manukau City Council and shall include specific details relating to demolition, construction and management of all works associated with the Project, including:

- a. Details of the site or project manager and the construction liaison person identified in condition 3, including their contact details (phone, facsimile, postal address, email address);
- b. The location of large notice boards that clearly identify Transit and the project name, together with the name, telephone number, email address and address for service of the site or project manager and the construction liaison person;
- c. An outline construction programme of the works indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- d. The hours of work, which should reflect the need to ensure that residents enjoy reasonable freedom from noisy or intrusive construction activity in their neighbourhood at nights, on Sundays and during public holidays;
- e. Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
- f. Location of workers offices and conveniences (eg portaloos);
- g. Procedures for controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- h. Methods to stabilise ingress and egress points to construction sites, to the standard required by ARC Technical Publication 90 (March 1999);
- i. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works, potentially through the construction liaison person;
- j. Procedures to be followed to ensure that those working in the vicinity of identified heritage features are aware of the heritage values of these features and the steps which need to be taken to meet the conditions applying to work on the site;
- k. Means of ensuring the safety of the general public;
- l. Procedures for the construction liaison person to receive and respond to complaints about construction activities, including dust and odour from the works;
- m. Methods of mitigating the local and network wide effects of construction of individual elements of the Project, including measures to ensure that parking of staff vehicles on surrounding residential streets and Coronation Road is restricted;
- n. The layout of the construction yard at Waterfront Road Reserve, including associated buildings, fencing and site access, which shall, as far as practicable, incorporate the following:
 - i. Retention of the existing public parking area along Coronation Road (which shall not be used for the parking of machinery and vehicles, including workers' vehicles, associated with the project);
 - ii. The main vehicle access across the construction yard to be located as far as practicable from

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residential dwellings on Waterfront Road and be accessed from Coronation Road;

iii. Construction of temporary boundary / security fences to be undertaken in a manner which minimises impact on existing trees located along Waterfront Road and maintains a grass berm along the road edge;

iv. Noisy construction activities to be located as far as practicable, and preferably no less than 100m, from residential dwellings;

v. Acoustic fences required to achieve compliance with NZS6803:1999 Acoustics — Construction Noise to be located as close as practicable to the noise sources or otherwise in the most effective positions;

vi. Temporary buildings greater than 8 metres in height to be located in a position which minimises visual impact on residential dwellings on Waterfront Road; and

o. All temporary boundary/security fences shall be maintained in good order, with any graffiti removed as soon as possible.

12. A record of any complaints received in relation to the construction activities and the responses made shall be provided on a three monthly basis by the 10th day of the following month to the Council.

13. The CMP shall be implemented and maintained throughout the entire construction period

14. Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of the designation at all times, and shall not be stored or parked along Coronation Road and Waterfront Road.

15. All storage of materials and equipment associated with the construction works shall take place within the boundaries of the designation.

16. Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the roads during the site preparation and construction phase of development. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standard as existed prior to such damage at no cost to the Manukau City Council.

Construction Noise and Vibration

17. The CMP shall include a Construction Noise Management Plan (CNMP) and a Construction Vibration Management Plan (CVMP) for the Project or relevant Project stage, prepared by a suitably qualified expert.

18. The CNMP and the CVMP shall be implemented and maintained throughout the entire demolition and construction periods.

19. The CNMP shall include specific details relating to the control of noise associated with all Project works. It shall as far as practicable be formulated to achieve compliance with the requirements of the NZS6803:1999 Acoustics — Construction Noise. The CNMP shall refer to noise management measures set out in Annexure E of NZS6803:1999, and shall, as a minimum, address the following aspects:

a. Demolition and construction sequence;

b. Noise sources, including machinery and equipment to be used;

c. Hours of operation, including times and days when noisy construction work would occur;

d. Predicted construction noise levels;

e. The specification of noise mitigation measures;

f. Development of alternative strategies where compliance with NZS6803:1999 cannot be achieved, including consultation with residents and other occupiers to achieve acceptable outcomes, and

g. Methods for monitoring and reporting on construction noise.

20. As far as practicable, permanent acoustic barriers that are required by the Noise Management Plan (Condition 30(a) of these conditions) shall be erected prior to road construction, provided each barrier is required at that time to meet the requirements of the CNMP (Condition 19(e) of these conditions).

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21. The CVMP shall include specific details relating to the control of vibration associated with all Project works. It shall as far as practicable be formulated to achieve compliance with the vibration standards of the German Standard DIN 4150, and shall address the following aspects:

- a. Vibration monitoring measures;
- b. Existing vibration levels;
- c. Possible mitigation measures;
- d. Complaint response;
- e. Reporting procedures;
- f. Notification and information for the community of the proposed works;
- g. Where appropriate vibration testing of construction processes (e.g. piling) to confirm that the vibration limits will not be exceeded;
- h. Location for vibration monitoring when construction activities are adjacent to critical buildings;
- i. Operational times;
- j. Preparation of dilapidation reports on critical dwellings prior to, during and after completion of works.

Construction Traffic

22. The CMP shall include a Traffic Management Plan (TMP), for the Project or the relevant Project stage, which shall be prepared by a suitably qualified person. In developing the TMP the Requiring Authority shall:

- a. use advanced traffic modelling tools to better understand the effects of construction of the Project on the affected road network. These tools will be developed and calibrated in conjunction with the Manukau City Council and have the ability to simulate lane restrictions and road closures, and
- b. as far as practicable, undertake measures to avoid road closures and also the restriction of vehicle and pedestrian movements.

23. The TMP shall describe the measures that will be undertaken to address, as far as practicable, the following:

- a. Methods of avoiding, remedying or mitigating the local and network wide effects of construction of the Project. In particular, the TMP shall describe:

- i. Traffic management measures to address and maintain, where practicable traffic capacity, including bus services, at traffic peak hours during weekdays and weekends in Mahunga Drive, Rimu Road and Coronation Road.
- ii. Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- iii. Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (e.g. intersections/overbridge) and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- iv. Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks);
- v. The numbers, frequencies, routes and timing of construction traffic movements;
- vi. Monitoring to measure the impact of traffic, in terms of traffic speeds and volumes on those roads described in 23(a)(i); and
- vii. Methods to manage the effects of traffic during construction, including the requirement to detour or divert traffic. These methods shall seek to avoid, remedy or mitigate effects on access to and from businesses and other organisations in the area.

b. Traffic management measures during construction, to be developed in consultation with the Auckland Regional Transport Authority (ARTA), Bus and Coach Association and the Manukau City Council, to address and maintain, where practicable, traffic capacity at peak hours to provide for passenger transport services on the road network;

c. Consultation with the Manukau City Council with regard to the most appropriate means for providing access on Council roads within and adjacent to the designation;

d. Measures to maintain existing vehicle access, as far as practicable, or where the existing property access is to be removed or becomes unsafe as a result of the construction works to provide alternative access

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arrangements to an equivalent standard as that removed, as far as practicable, and in consultation with the Manukau City Council and the affected landowner;

- e. Details on the maintenance of pedestrian access with thoroughfare to be maintained on all roads and footpaths adjacent to the construction works, where practicable. Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours;
- f. Consistency with Transit New Zealand 'Code of Practice for Temporary Traffic Management' (COPTTM);
- g. Recognition of the need for the Manukau City Council to access and maintain its roading network during the construction phase of the Project, and
- h. Recognition of the need to coordinate and to consult directly with the proponents of any major construction occurring concurrently with, and in the vicinity of, the Project during construction.

24. The Requiring Authority shall ensure that provision for continued public walking and cycling passage across Manukau Harbour generally between Coronation Road, Mangere Bridge and Onehunga Harbour Road, Onehunga, in the general vicinity of the Old Mangere Bridge, is kept and maintained.

25. Vehicle access to the construction site and site office areas in Waterfront Road Reserve shall be via Coronation Road.

Contamination

26. Prior to commencing earthworks, a Contaminated Land Management Plan (CLMP) shall be prepared by a suitably qualified expert.

27. This CLMP will be based on a Stage 2 Detailed Site Investigation Report carried out in accordance with Contaminated Land Management Guidelines No. 1 — Reporting on Contaminated Sites in New Zealand (Ministry for the Environment October 2003).

28. The CLMP shall indicate whether work on contaminated land can be authorised as part of the designation or whether a separate resource consent (from the Auckland Regional Council) is required. If the work can be authorised as part of the designation, then the CLMP should incorporate conditions under which the work can be undertaken. Such conditions will be drawn up in conjunction with the Manukau City Council. The CLMP shall be provided to the Manukau City Council prior to commencement of earthworks.

Operational Noise

29. A Noise Management Plan (NMP) shall be submitted to the Manukau City Council for the Project or stage of the project. The NMP shall be prepared by a suitably qualified acoustic expert for the purposes of avoiding, mitigating or remedying, where practicable, any adverse noise effects from the operation of the Project.

30. The NMP shall include:

- a. General measures (e.g. low noise road surface material and noise attenuation barriers), to achieve compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999);
- b. Specific measures for any existing dwellings, where these are necessary in addition to the general measures under (a) above to achieve compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999), and
- c. A table showing the predicted traffic noise levels generated by the operation of the Project for the year 2021, for all noise sensitive facilities to be protected by the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999) (residential buildings and teaching areas in educational facilities) taking into consideration the finally agreed height, length and location of all noise barriers and all other noise mitigation measures incorporated in the project design.
- d. A section specifically dealing with "before" and "after" noise monitoring to check for achievement of the design levels of the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999). This part of the plan shall describe methods and procedures for the

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measurement of ambient noise levels existing prior to construction, and of traffic noise levels within a period between 2 and 3 years following completion of construction of the Project, measured at representative sites and shall:

- i. Be based on Transit New Zealand 'Guidelines for the Management of Road Traffic Noise — State Highway Improvements' (December 1999) and NZS6801:1991 "Measurement of Sound";
- ii. Outline methods used for the representative site selection of a minimum of at least four (4) sites and shall include site maps photographs detailing the measurement positions; and
- iii. Include a process for reporting of measurement results to Council within 30 days following the completion of both the "before" and "after" surveys and include comments on measurement conditions.

31. The location and design of noise attenuation barriers shall be in general accordance with the provisions of Alignment plans 1/69/82/5104 Sheets 2, 3 and 4 dated 05/06 but modified as agreed through the process outlined in Condition 46 below.

32. The NMP shall identify any existing dwellings for which specific measures are required in accordance with Condition 30(b) above. Those dwellings shall be referred to as 'affected dwelling(s)'.

33. Not less than three (3) months prior to the completion of construction of the Project, the Requiring Authority shall give written notice to the owner of any affected dwelling:

- a. Advising the options available for mitigation treatment to the affected dwelling and the predicted benefits of implementation of such options in term of noise levels; and
- b. Advising that the owner has six (6) months within which to decide whether or not to accept mitigation treatment to the dwelling.
- c. Once an agreement on mitigation is reached between the Requiring Authority and the owner, the mitigation shall be implemented in an accepted timeframe between the Requiring Authority and the owner.

34. The Requiring Authority shall advise the Manukau City Council of:

- a. All written notices served in accordance with Condition 33;
- b. Any responses received to those written notices; and
- c. Those affected dwellings in respect of which no response has been received.

35. Where specific measures are required under Condition 30(b) above for an affected dwelling, the Requiring Authority shall be deemed to have complied with Condition 30(b) where:

- a. The Requiring Authority has completed noise mitigation treatment to an affected dwelling; or
- b. The owner of the affected dwelling has refused to accept the Requiring Authority's offer to implement noise mitigation treatment to the dwelling prior to the expiry of six (6) months after the practical completion of the Project; or
- c. The owner of the affected dwelling cannot after reasonable enquiry be found prior to the expiry of six (6) months after written notice has been given in accordance with condition 33 above.

36. Subject to condition 35, all noise mitigation measures identified by the NMP shall be implemented prior to the completion of construction of the Project.

Operational Vibration

37. Vibration levels of the existing SH20 operations shall be measured at nominated critical locations, and submitted to the Council, prior to the commencement of works. These baseline measurements will provide levels for current use and for comparison with future levels.

38. In circumstances where vibration generated by the passage of vehicles on the completed highway results in adverse effects on persons or property, which, in the reasonable opinion of the Manukau City Council, give rise to a breach of s17 Act, then these are to be measured and assessed in accordance with the provisions of Norwegian Standard NS 8176E.

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Archaeological and Heritage

39. Detailed protocols for the management of archaeological and waahi tapu discoveries shall be developed in consultation with tangata whenua and New Zealand Historic Places Trust prior to construction.

40. Subject to condition 41, if any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. The Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust and the Manukau City Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the NZ Historic Places Trust is obtained.

41. Condition 40 shall not apply where the Requiring Authority holds all relevant approvals under the Historic Places Act 1993, apart from the requirement in the case of discovery of human remains to contact the New Zealand Police. Urban Design and Landscaping Mitigation

42. An integrated Urban Design and Landscape Mitigation Plan (UDLMP) shall be submitted to the Manukau City Council for the Project or relevant Project stage. This UDLMP shall be prepared by a suitably qualified person or persons, in consultation with the Manukau City Council, Auckland Regional Council and relevant tangata whenua and shall take into account the following:

- a. Transit New Zealand's "Guidelines for Highway Landscaping" (September 2002);
- b. Transit New Zealand's "Urban Design Implementation Principles" (2006).

43. The UDLMP shall have regard to the following principles:

- a. The importance of the southern approaches to the Mangere Bridge as a gateway to Manukau City;
- b. The existing coastal landscape values of the area;
- c. The potential of noise barriers and other structures as design elements;
- d. Support for a strong pedestrian and cycle experience;
- e. Measures to provide for safe passage of pedestrians, cyclists and mobility impaired users;
- f. Crime prevention through environmental design.

44. The UDLMP shall in particular provide for:

- a. The integration of the permanent works into the surrounding landscape;
- b. Mitigation of effects on properties in the vicinity of the alignment;
- c. Pedestrian and cycle linkages proposed in respect of the project, in particular that linking Mahunga Drive and the southern abutment of Old Mangere Bridge via Waterfront Road Reserve. These linkages shall
 - i. be provided in accordance with Austroads Part 14 Bicycles, with a minimum width of 3.0 metres plus clearances
 - ii. include an upgraded pedestrian/cycle facility along the southern embankment of the Old Mangere Bridge (Coronation Road) which physically separates the pedestrian/cycle facility from vehicular traffic, parking areas, turning areas and boat launching facilities. (Along the embankment, the pedestrian / cycle facility shall have a minimum width of 3.5 metres.)
- d. Integration, consistency and continuation of significant elements with recently established planting themes through the Western Ring Route, established desirable coastal vegetation, and the vegetative character of Onehunga and Mangere Bridge townships;
- e. Retention or relocation of existing trees where practicable; and
- f. Replacement planting or mitigation for loss of protected or scheduled trees.

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45. The UDLMP shall include the following:

- a. An Urban Design Framework that depicts the overall urban design concept, the design intent, layout and mitigation proposals for key components and areas (or sectors) of the project, and provide a framework for the design, layout, landscape planting and streetscape measures;
- b. Landscape and Urban Design Details — these shall include the following details:
 - i. Identification of vegetation to be retained;
 - ii. Proposed planting, including plant species, mixes, spacing/densities, sizes (at time of planting) and layout;
 - iii. Planting programme — the staging of planting in relation to the construction programme;
 - iv. Detailed specifications relating to (but not limited to) the following:
 - Vegetation protection (for desirable vegetation to be retained);
 - Weed control and clearance;
 - Ground preparation;
 - Mulching;
 - Plant supply and planting;
 - Maintenance regime (requirements and programme); and
 - Performance standards.
 - v. Detailed design of streetscape elements such as
 - Noise attenuation barriers (including their location within the motorway reserve);
 - Road safety barriers;
 - Retaining walls;
 - The new pedestrian footbridge and other new pedestrian facilities.

45. The UDLMP shall include the following:

- a. An Urban Design Framework that depicts the overall urban design concept, the design intent, layout and mitigation proposals for key components and areas (or sectors) of the project, and provide a framework for the design, layout, landscape planting and streetscape measures;
- b. Landscape and Urban Design Details — these shall include the following details:
 - i. Identification of vegetation to be retained;
 - ii. Proposed planting, including plant species, mixes, spacing/densities, sizes (at time of planting) and layout;
 - iii. Planting programme — the staging of planting in relation to the construction programme;
 - iv. Detailed specifications relating to (but not limited to) the following:
 - Vegetation protection (for desirable vegetation to be retained);
 - Weed control and clearance;
 - Ground preparation;
 - Mulching;
 - Plant supply and planting;
 - Maintenance regime (requirements and programme); and
 - Performance standards.
 - v. Detailed design of streetscape elements such as
 - Noise attenuation barriers (including their location within the motorway reserve);
 - Road safety barriers;
 - Retaining walls;
 - The new pedestrian footbridge and other new pedestrian facilities.

46. That portion of the UDLMP that deals with the design and placement of noise attenuation barriers shall be developed in consultation with persons who own or occupy property that adjoins those barriers (the neighbours).

47. Prior to submission of the UDLMP to the Manukau City Council, the draft UDLMP shall be presented to the Manukau City Urban Design Panel for its comment, and that comment shall then be considered in finalising the UDLMP.

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47A. The works as set out in the UDLMP shall be implemented as soon as practicable and works shall be completed no later than 12 months after the practical completion date of the Project. Waterfront Road Reserve Restoration Plan

48. The Requiring Authority shall prepare, in consultation with the Manukau City Council and the Auckland Regional Council, a Waterfront Road Reserve Restoration Framework (WRRRF) to outline how the reserve land occupied during construction will be reinstated on completion of construction. The WRRRF shall outline measures to mitigate the adverse effects the Project may have on local residents, and shall include, but not be limited to, the following:

- a. The proposed remediation of the coastal edge (particularly above mean high water springs) along the Waterfront Road Reserve, to provide an attractive interface (that may include a sea wall) that addresses erosion problems and removes construction debris and materials;
- b. Proposed landscaping in the Waterfront Road Reserve on completion of construction;
- c. The proposed pedestrian / cycle path from the Coronation Road end of Waterfront Road Reserve, under the southern end of the motorway bridge, to Mahunga Drive (refer also to Condition 44(c) for conditions relating to the pedestrian/cycleway along Coronation Road);
- d. Proposals for reuse of any construction buildings or hardstand, areas;
- e. Proposals for the provision of vehicle access through the park and parking;
- f. Consultation to be undertaken in preparation of the Waterfront Road Reserve Restoration Plan (WRRRP); and
- g. Timeframe to obtain any consents required and complete works as set out in the WRRRF.

49. The proposed WRRRF shall be submitted to the Manukau City Council at least 20 working days prior to the commencement of construction works in Waterfront Road Reserve to enable sufficient time for consideration by Council. Any subsequent significant amendments to the approved WRRRP shall be submitted to Manukau City Council for approval prior to implementation

49A. The Requiring Authority shall prepare, in consultation with the Manukau City Council and the Auckland Regional Council, a Waterfront Road Reserve Restoration Plan (WRRRP), which shall include further details of the mitigation measures set out in the WRRRF pursuant to condition 48 above. The proposed WRRRP shall be submitted to the Manukau City Council for approval at least six (6) months prior to the programmed completion date for Project construction works in Waterfront Road Reserve to enable sufficient time for consideration by Council.

50. Where the restoration works require coastal consents for works within the Coastal Marine Area, it shall be Transit's responsibility to obtain those consents on behalf of Manukau City Council.

51. The works as set out in the Waterfront Road Reserve Restoration Plan shall be implemented as soon as possible and works shall be completed no later than 12 months after the practical completion date of the Project.

Integration with Local Road Network

52. The Requiring Authority shall prepare a Network Integration Plan in consultation with the Manukau City Council to demonstrate how the Project integrates with the existing local road network and with future improvements planned by the Manukau City Council. The Network Integration Plan shall include details of physical works at the interface between the State highway and the local road network, and shall address such matters as lane configuration, traffic signal co-ordination, signage and provision for buses. The Network Integration Plan shall be submitted to the Manukau City Council for the Project or relevant Project stage.

Lighting

53. Subject to the requisite safety standards, motorway lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas, and to minimise encroachment of lighting standards into view shafts.

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Network Utilities

54. Prior to submitting an outline plan of works (s176A of the Act), the Requiring Authority shall consult with Network Utility Operators to identify and record network utility operations and measures to be undertaken to minimise disruption to and maintain proper functioning of those operations. These may include (but are not limited to) measures in relation to the following:

- a. Access;
- b. Protection, relocation and / or reinstatement of network utility infrastructure;
- c. Safety;
- d. Earthworks management;
- e. Dust and vibration management.

The outline plan of works shall describe the proposed measures to minimise disruption to and maintain proper functioning of all affected network utility operations.

Air Quality Monitoring

55. An air quality monitoring station shall be established at a site comparable to the station located in the rear car park of the Te Puea Marae, Miro Road during 2006–2007.

56. The air quality monitoring station will monitor the following parameters for a period of six (6) months within the 24 month period prior to construction of the Project:

- a. Fine particulates (PM10) and oxides of nitrogen (NOx) in accordance with the specifications given in the National Environmental Standards, Air Quality, and
- b. Meteorological measurements of wind speed, wind direction and temperature.

57. The station will monitor the following parameters for a period of twelve (12) months after construction of the Project:

- a. Fine particulates (PM10) and oxides of nitrogen (NOx) in accordance with the specifications given in the National Environmental Standards, Air Quality, and
- b. Meteorological measurements of wind speed, wind direction and temperature.

58. Results of the monitoring in summary form, assessed against the National Environmental Standards, Air Quality and the Auckland Regional Council target values, shall be reported quarterly to the Manukau City Council.

Attachments

No attachments.

6712 State Highway 20A - Airport Motorway

Designation Number	6712
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20A from Bader Drive to south of Kirkbride Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 184, Auckland Council District Plan (Manukau Section 2002)
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Airport Motorway (State Highway 20A).

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Conditions

General

1. The works shall be subject to the general outline plan of works procedure as provided for in section 176A of the Resource Management Act 1991. If not already incorporated into the designation or otherwise waived by the Council, the outline plan of works shall show construction design details, in particular where the works impact on Council services, roads and intersections. The services plan shall include details of all underground utility services, stormwater reticulation, street lighting, traffic signalisation, and access to all properties directly affected by the designation.
2. Land taken or held for the works shall be maintained to a reasonable standard until the physical works commence and for the duration of the construction works.
3. At all times, reasonable access shall be maintained from the roading network to private properties not directly affected by the construction and operation works.
4. During and following the construction period, safety barriers and security fencing shall be provided to ensure neighbouring site safety and security fencing to a standard at least as currently provided on the property boundary.
5. A liaison person shall be appointed by the Requiring Authority for the duration of the construction period to be the main and readily accessible point of contact for persons affected by construction work. The Requiring Authority shall advise the Manager, Resource Consents and Compliance of the liaison person's name and contact details. This person shall be reasonably available for on-going consultation on all matters of concern arising during the construction period. The Requiring Authority's liaison person is to maintain adequate site records which shall include, but not be limited to, machinery use, working conditions, weather, any complaints received and measures taken to remedy or minimise the factors causing the complaints. These records are to be made available upon request to the Council's Resource Compliance Officer and/or District Plan Enforcement Officer.

Construction Traffic Management Plan

6. The New Zealand Transport Agency (NZTA) shall submit to the Council with the outline plan of works application a Construction Traffic Management Plan based on its final design and staging for the project. The Construction Traffic Management Plan shall be provided in consultation with the Council and shall:
 - a. Demonstrate how the impact on the local and motorway network will be minimised during the construction period;
 - b. Incorporate NZTA's Code of Practice for Temporary Traffic Management and shall make provision for the efficient movement of trucks and machinery to and from the site works, the staging of works, the standards of any temporary works, and the impact of the works on the local network; and
 - c. Address methods of mitigating the local and network-wide effects of both the construction of individual elements of the project, such as the diamond interchange, and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction.

Landscape Management Plan

7. A Landscape Management Plan prepared by a suitably qualified landscape architect appointed by NZTA shall be provided in consultation with and submitted to the Council with the outline plan of works application. The Landscape Management Plan shall be subsequently implemented no later than the first planting season immediately following completion of construction, and maintained thereafter to the satisfaction of the Manager, Resource

Consents and Compliance.

8. The Landscape Management Plan shall include the strategic planted bed located on the south eastern corner

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of State Highway 20A and Kirkbride Road at 237 Kirkbride Road (House Park) that shall be retained where practicable or relocated to the satisfaction of the Manager, Parks, at no cost to the Council.

Archaeological and Heritage Mitigation Conditions

9. If any traditional sites, taonga, or other archaeological sites are exposed during site works then the following procedures shall apply:
- a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched;
 - c. The site supervisor shall notify representatives of local iwi, the New Zealand Historic Places Trust, the Manukau City Council, and in the case of human remains, the Police. This notification includes such persons being given a reasonable time to record and recover archaeological features discovered, before work may recommence on the site;
 - d. Any newly discovered archaeological site shall be screened by a fence at least 1.0m in height until any necessary authority required by the New Zealand Historic Places Trust is obtained. The fencing shall be supervised by a suitably qualified archaeologist to determine the appropriate location for fencing. No construction material or equipment shall be stored within the fenced area;
 - e. Any geological discoveries shall be recorded and, where practicable, damage to those features minimised. Records of any such geological discoveries shall be provided to the Auckland Regional Council and the Manukau City Council for information and future reference; and
 - f. The requiring authority shall ensure that conditions of the authority received from the New Zealand Historical Places Trust are complied with.

Ecological Impact Management

10. Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.
11. Prior to any disturbance or removal of protected trees in excess of six metres in height, the NZTA shall provide a report to the Council from a registered arborist of the New Zealand Arboricultural Association in respect to the affected trees and the proposed mitigation works. Mitigation works could include avoiding the tree (if practicable), relocation, or removal and/or replacement. Where trees are to be retained and where practicable, the trees shall be fenced no closer than the dripline with a 1.0m high fence. No construction equipment or construction material shall be stored within the fenced off area for the duration of the works. Where roots of such trees need to be cut, they shall be cut and treated according to recognised arboricultural practice after a report has been presented to the Manager, Resource Consents and Compliance as required above.
12. Restoration measures including grassing and other planting for slope stability shall be carried out as soon as practicable by the NZTA, together with landscape planting, using locally sourced native species where available.

Construction Noise Mitigation Condition

13. That any noise from construction work (as defined in Chapter 18 of the Manukau Operative District Plan) emanating from the site shall comply with Rule 5.18.3.6 of the Manukau Operative District Plan 2002 and the New Zealand Standard for Construction Noise (NZS 6803:1999 Acoustics - Construction Noise) or any subsequent revisions.

Operational Noise

14. That in respect of noise associated with the operation of the alteration of designation, a detailed Noise Management Plan shall be prepared by a suitably qualified noise consultant in consultation with the Manager, Resource Consents and Compliance, demonstrating compliance with the NZTA (New Zealand Transport Agency) "Guidelines for the Management of Road Traffic Noise - State Highway Improvements" (December 1999). The Noise Management Plan shall be submitted to the Council with the outline plan of works application and take into consideration adjacent and/or abutting sites including the Mangere Central Primary School

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and Business 5 Zone.

Construction

15. All works on Council roads shall be in accordance with the current Manukau City Council Engineering Quality and MANARC standards.

16. All works shall be carried out in accordance with an approved Health and Safety Control Programme.

17. All necessary and practicable steps shall be taken to avoid damage to other utility services, the roading network, or private property.

18. Adequate provision shall be made for the protection and/or redirection of the existing water supply services located within the following areas, to the satisfaction of the Manager, Resource Consents & Compliance, in conjunction with any future Outline Plan of Works.

a. Area 5 - Existing 300mm Asbestos Cement water supply line (constructed 1978).

b. Area 7 - Existing 200mm PVC water supply line (constructed 2003).

c. Area 8 - Existing 250mm Asbestos Cement water supply line (constructed 1960).

This shall include the submission of engineering design plans, incorporating the protection and/or redirection of these services, in accordance with the Engineering Performance Standards of Manukau City Council's District Plan to Manukau Water for specific approval prior to commencement of works on site.

19. Adequate provision shall be made for the disposal of stormwater from the additional impermeable area on State Highway 20A land. In this regard, engineering design plans in accordance with the Engineering Quality Standards of Manukau City Council's District Plan shall be provided in consultation with and submitted to the Manager, Stormwater Infrastructure prior to commencement of works on site.

Advice Notes:

a. The purpose is to identify any adverse effect and to ensure that the proposed works will include measures to avoid these adverse effects.

b. The engineering design should incorporate water quality measures to the standard required by Auckland Regional Council to adequately treat road runoff.

20. All necessary precautions shall be taken to protect the public from any open trenches and all other hazards associated with the works.

21. All reinstatement within the Council road reserve shall be carried out in accordance with the Council's "Code of Practice for Working in the Road".

22. The land modification works proposed shall be undertaken in a manner which ensures that the land within the above development and the land on adjoining properties remain stable at all times. In this regard:

a. The required retaining walls and/or any temporary stabilising works required shall be constructed in a timely manner under engineering design and supervision.

b. A geotechnical certification is to be submitted to the Council to confirm the suitability of the completed works.

23. Control measures shall be in place to ensure that any trucks do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the Requiring Authority's expense.

24. All earthworks on the site shall be undertaken in a manner so as to minimise 'dust' or 'soil erosion/siltation' beyond the boundary of the site, which in the opinion of an enforcement officer who is employed by the Council, might be objectionable, offensive or have the potential to create an adverse effect on the receiving environment.

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25. Any surplus excavated soil shall be taken to an approved fill site and disposed of in accordance with the relevant District Plan requirements.

26. Should any significant vibration need to be generated such as during piling works for example, a Vibration Management Plan shall be submitted to the Manager, Resource Consents and Compliance, Manukau City Council, prior to commencement of the works. This Mitigation Plan shall include details of how as far as practicable the works will comply with the requirements of the German Standard DIN4150 "Structural Vibration in Buildings - Effects on Structures" during construction.

27. During construction, the generation of dust shall be managed in such as way it does not create a nuisance beyond the boundary of the works. A nuisance will be deemed to have occurred if:

- a. There is visible evidence of suspended solids/particulate matter in the air beyond the site boundary; and/or
- b. There is visible evidence of deposited particulate matter traceable from a dust source, settling on the ground, building or structure on an adjoining site.

28. All private services affected by the works, shall be reinstated at no cost to the affected property owner.

Attachments

No attachments.

6713 State Highway 20A - George Bolt Memorial Drive

Designation Number	6713
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20A (George Bolt Memorial Drive) from Kirkbride Road to Auckland International Airport, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 185, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

George Bolt Memorial Drive.

The section of land covered by Designation 185 which is located within Designation 231 is subject to Designation 231 as well as Designation 185.

Conditions

General

1. The works shall be subject to the general outline plan of works procedure as provided for in section 176A of the Resource Management Act 1991. If not already incorporated into the designation or otherwise waived by the Council, the outline plan of works shall show construction design details, in particular where the works impact on Council services, roads and intersections. The services plan shall include details of all underground utility services, stormwater reticulation, street lighting, traffic signalisation, and access to all properties directly affected by the designation.

2. Land taken or held for the works shall be maintained to a reasonable standard until the physical works commence and for the duration of the construction works.

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3. At all times, reasonable access shall be maintained from the roading network to private properties not directly affected by the construction and operation works.

4. During and following the construction period, safety barriers and security fencing shall be provided to ensure neighbouring site safety and security fencing to a standard at least as currently provided on the property boundary.

5. A liaison person shall be appointed by the Requiring Authority for the duration of the construction period to be the main and readily accessible point of contact for persons affected by construction work. The Requiring Authority shall advise the Manager, Resource Consents and Compliance of the liaison person's name and contact details. This person shall be reasonably available for on-going consultation on all matters of concern arising during the construction period. The Requiring Authority's liaison person is to maintain adequate site records which shall include, but not be limited to, machinery use, working conditions, weather, any complaints received and measures taken to remedy or minimise the factors causing the complaints. These records are to be made available upon request to the Council's Resource Compliance Officer and/or District Plan Enforcement Officer.

Construction Traffic Management Plan

6. The New Zealand Transport Agency (NZTA) shall submit to the Council with the outline plan of works application a Construction Traffic Management Plan based on its final design and staging for the project. The Construction Traffic Management Plan shall be provided in consultation with the Council and shall:

- a. Demonstrate how the impact on the local and motorway network will be minimised during the construction period;
- b. Incorporate NZTA's Code of Practice for Temporary Traffic Management and shall make provision for the efficient movement of trucks and machinery to and from the site works, the staging of works, the standards of any temporary works, and the impact of the works on the local network; and
- c. Address methods of mitigating the local and network-wide effects of both the construction of individual elements of the project, such as the diamond interchange, and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction.

Landscape Management Plan

7. A Landscape Management Plan prepared by a suitably qualified landscape architect appointed by NZTA shall be provided in consultation with and submitted to the Council with the outline plan of works application. The Landscape Management Plan shall be subsequently implemented no later than the first planting season immediately following completion of construction, and maintained thereafter to the satisfaction of the Manager, Resource

Consents and Compliance.

8. The Landscape Management Plan shall include the strategic planted bed located on the south eastern corner of State Highway 20A and Kirkbride Road at 237 Kirkbride Road (House Park) that shall be retained where practicable or relocated to the satisfaction of the Manager, Parks, at no cost to the Council.

Archaeological and Heritage Mitigation Conditions

9. If any traditional sites, taonga, or other archaeological sites are exposed during site works then the following procedures shall apply:

- a. Works in the immediate vicinity of the site that has been exposed shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched;
- c. The site supervisor shall notify representatives of local iwi, the New Zealand Historic Places Trust, the Manukau City Council, and in the case of human remains, the Police. This notification includes such persons being given a reasonable time to record and recover archaeological features discovered, before work may recommence on the site;

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- d. Any newly discovered archaeological site shall be screened by a fence at least 1.0m in height until any necessary authority required by the New Zealand Historic Places Trust is obtained. The fencing shall be supervised by a suitably qualified archaeologist to determine the appropriate location for fencing. No construction material or equipment shall be stored within the fenced area;
- e. Any geological discoveries shall be recorded and, where practicable, damage to those features minimised. Records of any such geological discoveries shall be provided to the Auckland Regional Council and the Manukau City Council for information and future reference; and
- f. The requiring authority shall ensure that conditions of the authority received from the New Zealand Historical Places Trust are complied with.

Ecological Impact Management

10. Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

11. Prior to any disturbance or removal of protected trees in excess of six metres in height, the NZTA shall provide a report to the Council from a registered arborist of the New Zealand Arboricultural Association in respect to the affected trees and the proposed mitigation works. Mitigation works could include avoiding the tree (if practicable), relocation, or removal and/or replacement. Where trees are to be retained and where practicable, the trees shall be fenced no closer than the dripline with a 1.0m high fence. No construction equipment or construction material shall be stored within the fenced off area for the duration of the works. Where roots of such trees need to be cut, they shall be cut and treated according to recognised arboricultural practice after a report has been presented to the Manager, Resource Consents and Compliance as required above.

12. Restoration measures including grassing and other planting for slope stability shall be carried out as soon as practicable by the NZTA, together with landscape planting, using locally sourced native species where available.

Construction Noise Mitigation

13. That any noise from construction work (as defined in Chapter 18 of the Manukau Operative District Plan) emanating from the site shall comply with Rule 5.18.3.6 of the Manukau Operative District Plan 2002 and the New Zealand Standard for Construction Noise (NZS 6803:1999 Acoustics - Construction Noise) or any subsequent revisions.

Operational Noise

14. That in respect of noise associated with the operation of the alteration of designation, a detailed Noise Management Plan shall be prepared by a suitably qualified noise consultant in consultation with the Manager, Resource Consents and Compliance, demonstrating compliance with the NZTA (New Zealand Transport Agency) "Guidelines for the Management of Road Traffic Noise - State Highway Improvements" (December 1999). The Noise Management Plan shall be submitted to the Council with the outline plan of works application and take into consideration adjacent and/or abutting sites including the Mangere Central Primary School and Business 5 Zone.

Construction

15. All works on Council roads shall be in accordance with the current Manukau City Council Engineering Quality and MANARC standards.

16. All works shall be carried out in accordance with an approved Health and Safety Control Programme.

17. All necessary and practicable steps shall be taken to avoid damage to other utility services, the roading network, or private property.

18. Adequate provision shall be made for the protection and/or redirection of the existing water supply services located within the following areas, to the satisfaction of the Manager, Resource Consents & Compliance, in

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conjunction with any future Outline Plan of Works.

- a. Area 5 - Existing 300mm Asbestos Cement water supply line (constructed 1978).
- b. Area 7 - Existing 200mm PVC water supply line (constructed 2003).
- c. Area 8 - Existing 250mm Asbestos Cement water supply line (constructed 1960).

This shall include the submission of engineering design plans, incorporating the protection and/or redirection of these services, in accordance with the Engineering Performance Standards of Manukau City Council's District Plan to Manukau Water for specific approval prior to commencement of works on site.

19. Adequate provision shall be made for the disposal of stormwater from the additional impermeable area on State Highway 20A land. In this regard, engineering design plans in accordance with the Engineering Quality Standards of Manukau City Council's District Plan shall be provided in consultation with and submitted to the Manager, Stormwater Infrastructure prior to commencement of works on site.

Advice Notes:

- a. The purpose is to identify any adverse effect and to ensure that the proposed works will include measures to avoid these adverse effects.
- b. The engineering design should incorporate water quality measures to the standard required by Auckland Regional Council to adequately treat road runoff.

20. All necessary precautions shall be taken to protect the public from any open trenches and all other hazards associated with the works.

21. All reinstatement within the Council road reserve shall be carried out in accordance with the Council's "Code of Practice for Working in the Road".

22. The land modification works proposed shall be undertaken in a manner which ensures that the land within the above development and the land on adjoining properties remain stable at all times. In this regard:

- a. The required retaining walls and/or any temporary stabilising works required shall be constructed in a timely manner under engineering design and supervision.
- b. A geotechnical certification is to be submitted to the Council to confirm the suitability of the completed works.

23. Control measures shall be in place to ensure that any trucks do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the Requiring Authority's expense.

24. All earthworks on the site shall be undertaken in a manner so as to minimise 'dust' or 'soil erosion/siltation' beyond the boundary of the site, which in the opinion of an enforcement officer who is employed by the Council, might be objectionable, offensive or have the potential to create an adverse effect on the receiving environment.

25. Any surplus excavated soil shall be taken to an approved fill site and disposed of in accordance with the relevant District Plan requirements.

26. Should any significant vibration need to be generated such as during piling works for example, a Vibration Management Plan shall be submitted to the Manager, Resource Consents and Compliance, Manukau City Council, prior to commencement of the works. This Mitigation Plan shall include details of how as far as practicable the works will comply with the requirements of the German Standard DIN4150 "Structural Vibration in Buildings - Effects on Structures" during construction.

27. During construction, the generation of dust shall be managed in such a way it does not create a nuisance beyond the boundary of the works. A nuisance will be deemed to have occurred if:

- a. There is visible evidence of suspended solids/particulate matter in the air beyond the site boundary; and/or

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b. There is visible evidence of deposited particulate matter traceable from a dust source, settling on the ground, building or structure on an adjoining site.

28. All private services affected by the works, shall be reinstated at no cost to the affected property owner.

Attachments

No attachments.

6714 State Highway 1 - Manukau City Centre to Takanini

Designation Number	6714
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from north of Highbrook Drive, Otara to south of Great South Road, Takanini
Rollover Designation	Yes
Legacy Reference	Designation 186, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Southern Motorway (State Highway 1).

Conditions

For area included in Highbrook interchange see Schedule 2 (list of conditions) Environment Court Decision A070/2003 relating to Appeal reference. No. RMA 1229/01.

Attachments

No attachments.

6715 State Highway 1 - East Tamaki Road Interchange

Designation Number	6715
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 at East Tamaki Road interchange, Otara
Rollover Designation	Yes
Legacy Reference	Designation 187, Auckland Council District plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Southern Motorway widening East Tamaki Road.

Conditions

No conditions.

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Attachments

No attachments.

6716 State Highway 20 - Manukau City Centre to Wiri

Designation Number	6716
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20 from Great South Road, Manukau City Centre to Cavendish Drive interchange, Wiri
Rollover Designation	Yes
Legacy Reference	Designation 284, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

South Western Motorway - State Highway 20 (connection to State Highway 1).

Conditions

1.0 General

1.1 The scope and extent of works envisaged within the designation shall be generally in accordance with the requirement and the updated plans submitted with the Section 92 response for Notice of Requirement (identified as Council reference 19331), and the Notice of Requirement for the Alteration to Designation (identified as Council reference Proposal 34316) subject to final design and any modification required to comply with the conditions set out below.

1.2 The works shall be subject to the general outline plan of works procedure as provided for in section 176A of the Resource Management Act 1991. If not already incorporated into the designation or otherwise waived by the Council, the outline plan of works shall show construction design details, in particular where the works impact on Council services, roads and intersections.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until the physical works commence and for the duration of construction works.

1.4 At all times, reasonable access shall be maintained from the roading network to private properties, or public open space not directly affected by construction and operation.

1.5 Where a condition requires Council approval this shall mean approval from the Manager Resource Consents and Compliance as the certifying officer, unless otherwise stated. Approval from the Manager shall not be unreasonably withheld or delayed.

1.6 The existing standard of safety barriers and security fencing which are currently located on site boundaries shall be maintained during the construction period, or reinstated after construction if temporarily removed or modified.

1.7 For the purpose of these conditions, in determining whether a proposed activity is "practicable", the NZ Transport Agency shall have regard to:

- The nature of the proposed activity; and
- The sensitivity of the environment which will be affected by the proposed activity; and
- The financial implications of the proposed activity when compared with other options;

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and

d. The effects on the environment of the proposed activity when compared with other options; and

e. The current state of technical knowledge and the likelihood that the proposed activity can be successfully carried out.

1.8 Management Plans and Outline Plans

1.8.1 Prior to the commencement of the works, the NZ Transport Agency shall submit to Council the relevant Management Plans required under Conditions 5, 6, 8, 9, 11, 12, 13, 13.3.4, 13.3.5 and 14 below.

1.8.2 The Plans shall be submitted to Council as soon as reasonably practicable, in any event, allowing sufficient time for review by Council and discussion with the NZ Transport Agency.

1.8.3 Any Management or Outline Plans maybe submitted in stages to reflect any proposed staging of the physical works. Plans submitted in stages must clearly show integration with adjacent stages and interrelated activities.

1.8.4 If Council and the NZ Transport Agency agree on the content and terms of such Management Plans, that agreement shall be deemed to be a waiver in relation to that Plan or relevant part of that Plan pursuant to section 176A(2)(c) of the RMA of the requirement for an Outline Plan under section 176A.

1.8.5 If Council and the NZ Transport Agency do not agree on the terms of such Plan or Plans, the relevant provisions of section 176A of the RMA shall apply in respect of any part not agreed.

1.8.6 The works shall be undertaken in accordance with the approved Management Plan or accepted Outline Plan of Works (as the case may be).

2.0 Designation

2.1 That pursuant to Section 171(2)(a) of the Resource Management Act, the requirement for the designation be modified by altering the designation boundary between Lambie Drive and Davies Avenue, to the extent that its northern limit shall be no greater than 15 metres from the northern kerbline of the proposed link road between Lambie Drive and Davies Avenue.

2.2 No works, including land disturbance, construction works, or occupancy by contractors should reduce the development potential of the land located between the proposed motorway and Wiri Station Road Extension (between Lambie Drive and Davies Avenue). For the purposes of this condition the southern section of Hayman Park is defined by notional lines 10 metres from the base of the fill batters on the regraded sections of Wiri Station Road and Lambie Drive, 10 metres from the southern kerbline of the Lambie Drive to Davies Avenue link road, and 10 metres from the top of the cut batter on the northern side of the motorway, such batter being no flatter than 3:1 (3H:1V). The extent of the area so defined shall be indicated on the Outline Plan of Works.

2.3 Wiri Station Road Extension shall make provision for legal road access midway along the proposed extension to serve proposed future intensive land use sites to the north and south of the road.

2.4 As soon as practicable after construction of the works, the NZ Transport Agency shall give notice to Manukau City Council in accordance with section 182 of the RMA for removal of those parts of the designation which cover the Plunket Avenue overbridge and Plunket Avenue roundabout, which are not required for the long term operation, maintenance and mitigation of effects of the State Highway.

3.0 Archaeological and Geological Impact Management

3.1 Should construction work uncover any archaeological remains, the NZ Transport Agency shall immediately

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advise local Iwi, as required by any agreed Iwi protocol for the project, and the New Zealand Historic Places Trust. All works shall cease in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained.

3.2 Any newly discovered archaeological site shall be screened by a fence at least 1.0m in height until any necessary authority required by the New Zealand Historic Places Trust is obtained. The fencing shall be supervised by a suitably qualified archaeologist to determine the appropriate location for fencing. No construction material or equipment shall be stored within the fenced area.

3.3 Any geological discoveries shall be recorded and, where practicable, damage to those features minimised. Records of any such geological discoveries shall be provided to the Auckland Regional Council and the Manukau City Council for information and future reference.

3.4 All initial earthworks in the vicinity of St John's Redoubt, from chainage 0.00 to chainage 400.00 of the Redoubt Road southbound on-ramp, shall be monitored by an archaeologist.

4.0 Ecological Impact Management

4.1 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

4.2 Prior to any disturbance or removal of protected trees in excess of six metres in height, the NZ Transport Agency shall provide a report to Council from a registered arborist of the New Zealand Arboricultural Association in respect to the affected trees and the proposed mitigation works. Mitigation works could include avoiding the tree (if practicable), relocation, or removal and/or replacement.

4.3 Where trees are to be retained and where practicable, the trees shall be fenced no closer than the dripline with a 1.0m high fence. No construction equipment or construction material shall be stored within the fenced off area for the duration of the works. Where roots of such trees need to be cut they shall be cut and treated according to recognised arboricultural practice after a report has been presented to the Manager Resource Consents and Compliance as required above.

4.4 Restoration measures including grassing and other planting for slope stability shall be carried out as soon as practicable by the NZ Transport Agency, together with landscape planting, using locally sourced native species where available.

5.0 Visual Impact Management

5.1A Landscape Management Plan shall be prepared during the detailed design stage by a suitably qualified landscape architect appointed by the NZ Transport Agency. In preparing the Landscape Plan, the following matters shall be taken into account:

- a. The angle and extent of cut and batter slopes;
- b. The preparation and, in due course, implementation of a planting plan that will integrate the alignment into the landscape units through which it passes;
- c. The protection of existing visual and landscape values;
- d. The use of locally sourced native species, where practicable and appropriate;
- e. The removal and control of plant pests;
- f. The use of vegetation on embankments and berms suitable for diffuse of stormwater discharge;
- g. The Landscape Concepts (Sectors 1–3) prepared by Boffa Miskell Limited and presented to the Hearing Commissioners in November 2001;
- h. The integration of context sensitive design elements in hard structures such as retaining walls and overbridges;
- i. Liaison with Manukau City Council to provide appropriate locations for the Council to install City Centre gateway style sculptures at Council's cost (such gateway sculptures are subject to prior NZ Transport Agency

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approval, primarily for safety reasons);

j. The integration of any noise barriers, final details of which shall be determined during detailed design;

k. Provision of continuous pedestrian access along the Puhinui Stream margin within the designation boundary;

l. That specimen trees shall be at least size PB120;

m. No landscaping is to occur on archaeological sites (if any);

n. The use of various arboricultural techniques to protect trees which are to be retained and for any works to trees that are to be retained;

o. Details of plant species proposed to be used;

p. Details of an ongoing maintenance programme for the landscaping;

q. Appropriate landscaping to visually screen the motorway structure from neighbouring sites insofar as that is practicable.

r. The draft Manukau City Centre Redevelopment Strategy (September 1999);

s. The MANUKAU - FACE OF THE FUTURE® trademark and philosophy;

t. Further consultation with affected submitters at the detailed design stage specific to their properties;

u. Further consultation with Manukau City Council and Te Ara o Puhinui regarding revegetation and provision of pedestrian paths in association with Puhinui Stream;

v. Further consultation with Manukau City Council and Wiri Whanau Support Group regarding the detailed design treatment of the pedestrian overbridge connecting with Barrowcliffe Place and associated amenity areas;

w. Further consultation with Manukau City Council regarding planting in the vicinity of the rail alignment;

x. The use of plant species as identified in ARC Technical Publication 148: Riparian Zone Management: Strategy for the Auckland Region, June 2001.

y. The Puhinui Stream Alignment Concept Plans and the Stormwater Pond Concept Plan prepared by Boffa Miskell Limited and presented to the Hearings Commissioners in November 2001; and

z. The retention of existing vegetation and trees along the motorway corridor, where practicable, including the mature grove of Pin Oaks in Hayman Park.

5.2 The Landscape Management Plan shall be submitted for approval to the Council prior to the works commencing. The approved Plan shall be subsequently implemented no later than the first planting season immediately following completion of construction and maintained thereafter to the satisfaction of the Manager-Resource Consents and Compliance.

5.3 The design of the retaining wall to be constructed adjacent to the western boundary of the Church of Jesus Christ of Latter-Day Saints Trust Board site on Redoubt Road shall be undertaken in consultation with the Church.

5.4 An amendment to the Landscape Management Plan shall be prepared by a suitably qualified landscape architect appointed by the NZ Transport Agency in relation to the works necessary to implement the Plunket Avenue overbridge and roundabout, which shall take into account the matters set out in condition 5.1 (as relevant). The amendments to the Landscape Management Plan shall be submitted to the Council for approval prior to the Plunket Avenue works commencing and will be implemented and maintained in accordance with condition 5.2.

6.0 Traffic Management Plan

6.1 The NZ Transport Agency shall submit for Council approval prior to works commencing a Traffic Management Plan based on its final design and staging for the project. The Traffic Management Plan shall:

6.1.1 Demonstrate how the impact on the local and motorway network will be minimised during the construction period.

6.1.2 Incorporate the NZ Transport Agency's Code of Practice for Temporary Traffic Management and shall make provision for the efficient movement of trucks and machinery to and from the site works, the staging of works, the standards of any temporary works, and the impact of the works on the local network.

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6.1.3 Address methods of mitigating the local and network-wide effects of both the construction of individual elements of the project (eg bridges, intersections) and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction.

6.1.4 Demonstrate how current formed pedestrian routes either along Druces — Lambie roads, Great South Road and between the land to the south of Wiri Station Road and the Manukau Town Centre will be maintained during the construction period.

6.2 During construction of the proposed motorway link, the NZ Transport Agency shall ensure that Keri Ann Place and the adjoining reserve shall not be used for construction access or storage, including the parking of contractors vehicles.

6.3 Unless otherwise agreed in writing between Westfield (New Zealand) Limited ("Westfield") and Village Force Cinemas Limited ("Village") and the NZ Transport Agency, construction traffic shall only enter the construction site via Lakewood Court for the following purposes:

6.3.1 Accommodation works for Denny's Restaurant;

6.3.2 For works associated with integrating the carpark extension with the existing Cinema carpark;

6.3.3 For works associated with construction of a dust/security fence.

6.4 An amendment to the Traffic Management Plan to provide for the works necessary to implement the Plunket Avenue roundabout and overbridge shall be submitted to Council for approval prior to those works commencing. The amendment to the Traffic Management Plan shall comply with conditions 6.1.1, 6.1.2 and 6.1.3 (as relevant).

7.0 Transpower New Zealand

7.1 During detailed design, the NZ Transport Agency shall include provision for the following matters in relation to Transpower New Zealand Limited ("Transpower"):

7.1.1 Adequate protection of the existing transmission lines from any adverse effects of the proposed works; and

7.1.2 Details of works likely to have an adverse effect on Transpower assets, to be determined in consultation with Transpower, prior to the commencement of any works; and

7.1.3 Transpower to be notified of all works likely to adversely affect Transpower assets within a reasonable timeframe; to enable sufficient time for Transpower to plan and carry out any works on its assets required due to the works subject to the designation.

7.2 In particular, the NZ Transport Agency shall address the following matters in relation to Transpower:

7.2.1 Ensure that existing access arrangements to transmission towers are retained where practicable. Where the NZ Transport Agency requires or causes a change in access arrangements, then alternative arrangements shall be made that ensures safe 4-wheel drive 24 hour access to the tower base (including during the construction period) or other options that will enable Transpower to undertake necessary works.

7.2.2 Any proposed temporary or permanent alterations to the access arrangements to any Transpower infrastructure, shall be determined with the agreement of Transpower.

7.2.3 Ensure that all works comply with the following, unless specifically provided in terms of condition 7.2.5

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below:

- a. All mobile plant operated in relation to the proposed works to maintain a 4 metre clearance from Transpower conductors at all times;
- b. No temporary buildings, scaffolding or stationary plant to be located within 8 metres of any conductor;
- c. All earthworks (including stockpiles) underneath the conductors to maintain a minimum of 6.5 metre vertical clearance distances from conductors at all times; and
- d. Transpower's written approval is required prior to undertaking any earthworks within 6 metres of the outer edge of the visible foundation of a transmission tower, or greater than 3 metres in depth between 6 metres and 12 metres from the outer edge of a tower, or any works that could create an unstable batter which may adversely affect a tower.

7.2.4 Where the NZ Transport Agency wishes to undertake works or activities within distances specified in condition 7.2.4 above, the NZ Transport Agency shall outline the procedures and requirements necessary for Transpower to be able to consider and approve or reject such an encroachment as appropriate.

7.2.5 Provide a dust and vibration mitigation strategy for the works which shall include mitigation measures to be undertaken to minimise dust and vibration effects on the existing transmission lines.

7.2.6 Finalise details of landscaping planting to ensure that:

- a. No part of any vegetation will encroach into an area closer than 4 metres to any conductors of the lines. The 4-metre clearance relates to vertical, horizontal and felling distance clearances;
- b. Vegetation planted in close proximity to tower bases does not adversely effect existing tower foundations (i.e. cause corrosion by creating a damp environment); and
- c. Vegetation does not preclude physical access to a tower.

8.0 Noise Management Plan

8.1 The works shall be designed and constructed to ensure compliance with the noise limits specified in the NZ Transport Agency's Guidelines for the Management of Traffic Noise for State Highway Improvements, December 1999 (NZTA's Noise Guidelines) or if practicable such higher standards adopted by the NZ Transport Agency in any review of its Noise Guidelines prior to the commencement of the tendering process for physical works.

8.2 A detailed Noise Management Plan shall be prepared by a suitably qualified noise consultant in consultation with the Manager - Resource Consents and Compliance. The Noise Management Plan shall be submitted for approval to the Manager - Resource Consents and Compliance prior to construction commencing, and the approved plan shall be complied with. The purpose of the Plan is to describe the method by which noise associated with traffic using the roading within the designation will be made to comply with noise limits specified in the NZ Transport Agency's Noise Guidelines. Where the ambient sound level is required to be monitored to determine design limits then this shall be done prior to construction commencing. Such methods may include, but not be limited to:

- a. Acoustic barriers and/or bunding; and
- b. Acoustic insulation (if required);

Where a fence and/or bunding are used and the location allows, the barrier shall be landscaped with plantings where practicable.

8.3 Noise monitoring shall be undertaken in accordance with NZS 6801: 1999 Measurement of Sound to ensure compliance with Condition 8.1 above. The NZ Transport Agency shall ensure that representative noise monitoring of the motorway route is undertaken at its expense by a suitably qualified and experienced acoustical consultant within nine months of the opening of the whole route. Results of all noise monitoring shall be supplied to the Council within six weeks of the monitoring being completed. Where such monitoring demonstrates non-compliance, the NZ Transport Agency shall take such steps as may be necessary to ensure compliance with the above requirements.

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9.0 Soil Contamination Management Plan

Prior to construction the NZ Transport Agency shall provide to the Council for approval a Soil Contamination Management Plan. This Plan shall be prepared by a suitably qualified person who shall investigate and identify sites of potential soil contamination within the proposed designation boundary and provide details as to how contaminated soils will be treated or removed for disposal to approved sites.

10.0 Property Access and Carparking

10.1 During detailed design, the NZ Transport Agency shall ensure that the design of the intersection of the proposed roads (SH1 and SH20 on and off ramps) with Redoubt Road does not preclude access to the Church of Jesus Christ Latter Day Saints Trust Board site on Manukau Operative District Plan Redoubt Road as currently provided under the 14 April 1998 resource consent held by the Church.

10.2 During detailed design, the NZ Transport Agency will use its best endeavours to design the proposed roading works so as not to preclude implementation of full access to the Church's property, subject to safety and operational requirements, should the Church wish to obtain future resource consent for such access.

10.3 Prior to commencing works pursuant to the designation in respect of Lot 8, DP 112560, CT 63D/331, the NZ Transport Agency shall ensure that it has obtained all necessary consents and other approvals authorising the construction and use of the new area of carparks, and has constructed those carparks, to be used by the owners and tenants of the Cinema Land (being the land currently owned by Westfield and currently tenanted by Village and includes land transferred or to be transferred to Westfield pursuant to the Public Works Act 1981). For the avoidance of doubt, this condition requires a new resource consent for the new carparking areas and a variation of the existing resource consent to refer to the new area of carparking, and requires the freehold ownership of this replacement land to have been transferred to Westfield. The NZ Transport Agency is to obtain all necessary approvals and consents in consultation with, and on conditions satisfactory to, Westfield and Village.

10.4 The NZ Transport Agency shall provide at its own expense, an amalgamated certificate of title incorporating proposed replacement land for the reduced area of Cinema Land.

11.0 Flooding and Drainage

11.1 NZTA shall submit to Council for approval a revised hydrological specimen design incorporating the most recent detailed hydrological modelling. This revised design shall be used as a basis for detailed design.

11.2 A Drainage Network Plan shall be prepared and submitted to the Manager - Resource Consents and Compliance. The design of the drainage network shall be based upon the outputs of Council's latest hydraulic modelling of the Puhinui Stream, and the Plan shall include details of:

- a. Design assumption and catchment areas;
- b. Design calculations
- c. Final design details, including plans, of cesspits, pipes, drainage channels and swales, and inlets and outlets; and
- d. The hydrological influence and impact upon adjacent land and proposed development at the Everglade Pond and Pacific Arena sites.

11.3 Where the design of the drainage network incorporates changes to the final design, the NZ Transport Agency shall update Council's latest hydraulic model to incorporate those changes and submit the model and the design changes for approval to the Manager - Resource Consents and Compliance.

11.4 Where it is determined, as a result of the assessment in condition 11.3 above, that the design of the drainage network has the potential to impact upon land outside the designation, details of the potential hydrological effects from the 1 in 50 and 1 in 100 storm events, and any mitigation proposed (if necessary),

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shall be submitted for approval to the Manager - Resource Consents and Compliance.

12.0 Vibration Management Plan

A Vibration Management Plan shall be submitted for approval to the Manukau City Council prior to commencement of the works. This Management Plan shall include details of how the works will comply with the requirements of German Standard DIN4150 "Structural Vibration in Buildings — Effects on Structures" during construction. The approved Plan shall be complied with by the NZ Transport Agency and its contractors.

13.0 Project Implementation Plan

13.1 Prior to the commencement of works, a Project Implementation Plan (PIP) shall be prepared by the NZ Transport Agency.

13.2 The PIP shall incorporate the management plans required by the designation conditions, namely:

- a. Landscape Management Plan (condition 5);
- b. Traffic Management Plan (condition 6);
- c. Noise Management Plan (condition 8);
- d. Soil Contamination Management Plan (condition 9);
- e. Drainage Network Plan (condition 11);
- f. Vibration Management Plan (condition 12);
- g. Dust Management Plan (condition 13.3.4); and
- h. Construction Noise Management Plan (condition 13.3.5).

13.3 The PIP shall include the following provision:

13.3.1 Liaison with the Public and the Council

13.3.1.1 A Site Liaison Officer will be appointed by the NZ Transport Agency. The Council together with adjoining and adjacent neighbours shall be notified of this appointment, together with a contact address and mobile telephone number.

13.3.1.2 The Site Liaison Officer will provide an initial point of contact between the NZ Transport Agency and the Council, and any other affected party.

13.3.1.3 The Site Liaison Officer shall establish a "line of communication". This line of communication shall include contact telephone numbers (both during and after business hours) of appropriate contacts with reference to the type of work to which the contact relates (for example, site works, building, or drainage).

13.3.1.4 The Site Liaison Officer shall establish a contact with the Manukau City Council and attend any necessary meetings as agreed by these parties.

13.3.1.5 The Site Liaison Officer will advise adjoining and adjacent site occupiers prior to the commencement of site works of the construction timetable.

13.3.1.6 The Site Liaison Officer is to maintain adequate site records which shall include, but not be limited to, machinery use, working conditions, weather, any complaints received and measures taken to remedy or minimise the factors causing the complaints. These records are to be made available upon request to the Council's Resource Compliance Officer and/or District Plan Enforcement Officer.

13.3.2 Site Management

13.3.2.1 A site office shall be located in an obvious position and shall contain a site telephone, any Outline Plan of Works and the PEMP referred to in Condition 14. The site office shall be initial point of inquiry for all visitors to the site.

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13.3.2.2 A Site Safety Officer will be appointed by the NZ Transport Agency and shall be responsible for all matters related to site safety and the safety of the public and site employees as it pertains to construction activities on and adjacent to the site.

13.3.2.3 Appropriate signs to comply with any Building code or Council Bylaw requirements or the Occupational Health and Safety Act shall be clearly displayed.

13.3.2.4 Rubbish bins shall be located at least 20m from any residential boundaries.

13.3.2.5 Site toilets shall be provided or alternative arrangement made. Site toilets shall be located no closer than 20m to any residential boundary.

13.3.2.6 All works required outside the designation boundaries shall only occur after approval has been obtained from Manukau City Council.

13.3.3 Site Works

13.3.3.1 The location and extent of each stage of the site works will be identified and concerned parties advised of the construction timetable.

13.3.3.2 The earthworks contractor shall be required to maintain the stability of the land and property at the boundary of the site by, whatever means necessary and to monitor that such works are and remain effective.

13.3.3.3 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the NZ Transport Agency's expense.

13.3.3.4 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. Any damages to the public drains that may occur during construction, shall be the NZ Transport Agency's responsibility.

13.3.3.5 Unsuitables from earthworks surplus to site requirements shall be disposed of at an approved landfill site.

13.3.3.6 The public roads and footpaths shall be kept clear at all times of spoil from the site.

13.3.4 Dust Management Plan

13.3.4.1 A Dust Management Plan shall be prepared and submitted to the Council for approval prior to the commencement of works. The primary purpose of the Plan is to minimise dust nuisance. The Plan shall:

- a. Specify all methods proposed to be employed to control dust from earthworks;
- b. Specify the methods proposed to address problems if the dust is not satisfactorily mitigated; and
- c. Include the contact details of a contact person for residents and the Council in the event of a dust problem.

13.3.4.2 The NZ Transport Agency shall ensure that the approved Dust Management Plan is complied with.

13.3.5 Construction Noise Management

13.3.5.1 During construction, New Zealand noise standard "NZS 6803:1999 Acoustics- Construction Noise" shall apply and that noise shall comply with the limits set down in Table 2 of NZS:6803 1999 or where that is impracticable alternative strategies to be outlined in the Construction Noise Management Plan, shall be implemented to ensure that construction noise does not exceed agreed levels with affected persons.

13.3.5.2 Prior to commencement of any construction activity on the site the NZ Transport Agency or its contractors, shall submit a Construction Noise Management Plan to Council for approval. The purpose of this

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plan is to describe the methods by which noise associated with the construction works is to be managed to reduce (where required) any impacts on adjoining residential areas. In particular, the Construction Noise Management Plan shall identify:

- a. The matters referred to in paragraph 8.4(a) to (e) of NZS:6803: 1999 Acoustics - Construction Noise;
- b. Methods of managing noise such as a temporary acoustically designed construction noise fence;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency (by reference to NZS:6803 1999);
- d. Contingency measures in the event of any incidence of non-compliance; and
- e. Procedures for handling noise complaints.

13.3.5.3 The NZ Transport Agency shall ensure that the Construction Noise Management Plan is complied with at all times during construction works.

13.3.6 Construction Hours

Except for unforeseen emergency situations and in accordance with Notes 1 and 2, hours of work during the construction phase shall be:

- a. Weekdays: 7.00am to 6.00pm;
- b. Saturdays: 8.00am to 5.00pm;
- c. Sundays and Public Holidays: No work;

Advice Notes:

- i. These restrictions exclude any special operations subject to the notification of, and discussion with, affected parties.
- ii. Except that any construction works within the motorway corridor may involve work outside the above hours and such works are excluded from the above hours of work.

14.0 Project Environmental Management Plan (PEMP)

The Management Plans required by the conditions of this designation shall, as and when approved, be consolidated into a single PEMP which shall be made available to all contractors at the site office. Any amendments to the PEMP shall be agreed to by the relevant consent authority and made available to the contractors.

15.0 Lighting and Signage

Appropriate lighting and signage shall be provided for the motorway and the affected local roading network in accordance with relevant standards adopted by the NZ Transport Agency and Manukau City Council for lighting and signage.

Attachments

No attachments.

6717 State Highway 20B - State Highway 20 to Auckland International Airport

Designation Number	6717
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20B (Puhinui Road) from Puhinui Road interchange to Orrs Road, Puhinui
Rollover Designation	Yes
Legacy Reference	Designation 303, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

State Highway 20B Road purposes: the maintenance, operation and improvement of the State Highway (including road widening).

Conditions

1. Any works undertaken to give effect to the designation shall be generally in accordance with the plans and information submitted by the New Zealand Transport Agency ("NZTA") in support of this Notice of Requirement in the documents referenced Proposal 36414, Sheet No 1 - No 2 by Council, and those previously submitted in association with Designation 261.

2. NZTA shall submit an Outline Plan of Works in accordance with the provisions of section 176A of the Resource Management Act 1991 prior to commencing any works within the SH20B.

3. The stated purpose of the designation shall be included in Schedule 5A, Chapter 5 of the Manukau District Plan (2002) as follows:

4. NZTA shall consult with the New Zealand Refining Company Ltd at least 30 working days prior to carrying out any activities on, in or under SH20B within the area of the existing New Zealand Refining Company Ltd Refinery to Auckland Pipeline ("the RAP") designation (referenced as Designation 296 in the District Plan) except in emergency situations. In any such emergency, the New Zealand Transport Agency shall notify NZRC or its appointed agent within two days of such works, any digging below 400mm from existing datum shall be performed by hand digging only, and no heavy compaction shall be applied during the emergency works.

5. If any archaeological feature (e.g. shell midden, hangi, oven stones, pit depressions, defensive ditches, artefact material, or koiwi tangata [human skeletal remains]), is uncovered during any work undertaken within the area of the designation, that work shall cease within a 10 metre radius of the discovery and the Environmental Management Group, Manukau City Council, the New Zealand Historic Places Trust and the appropriate iwi authorities shall be contacted within 72 hours so that appropriate action can be taken.

6. NZTA shall consult with Wiri Oil Services Ltd ("WOSL") (or its agent) at least 30 working days prior to carrying out any activities on, in or under SH20B within the area of the existing Wiri to Auckland Pipeline ("the WAP"), except in emergency situations.

7. Any works or activities within 3m of the WAP shall, unless prior written approval from WOSL (or its agent) for the work has been obtained:

- a. Not disturb any soil below a depth of 0.4m from the surface; and
- b. Ensure that upon completion of the works, the finished surface level is not reduced below the existing datum; and
- c. Not involve tree or shrub planting; and
- d. Not involve the erection of any structure (e.g. road sign).

8. NZTA shall consult with Watercare Services L during consideration of options for and the design of any road upgrading works within the area of the designation. The purpose of such consultation is to ensure that the Notice of Requirement for the proposed Hunua 4 Watermain is taken into account.

9. The NZTA shall use its best endeavours to work cooperatively with other statutory bodies, providers of transportation infrastructure (who operate or plan to operate infrastructure either adjoining or dependant on the operation of SH20B), and Auckland International Airport Limited.

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10. NZTA shall ensure that the stormwater drainage system within the designation, including any associated discharge, is maintained to avoid adverse environmental effects on the abutting properties.

Attachments

No attachments.

6718 State Highway 1 - Auckland Harbour Bridge to Otahuhu

Designation Number	6718
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from (1) Auckland Harbour Bridge, Westhaven to Fanshawe Street, Freemans Bay and from (2) Grafton Road, Grafton to Tamaki River, Otahuhu, and State Highway 16 from (3) Newton Road, Eden Terrace to Whau River bridge, Avondale and State Highway 20 from (4) Hillborough Road, Hillsborough to Manukau Harbour Crossing, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation A07-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Motorway.

Conditions

No conditions.

Attachments

No attachments.

6719 State Highway 1 - Shelly Beach Priority Lane

Designation Number	6719
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 at Shelly Beach Road, Westhaven
Rollover Designation	Yes
Legacy Reference	Designation A07-01A, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Motorway - Shelley Beach Road priority lane.

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Conditions

1. The work shall be undertaken in accordance with the Notice of Requirement dated 27 January 2000 and supporting documents.
2. That the area between Westhaven Drive and motorway be landscaped in accordance with Landscape Plans 3,4 and 5 (Reference Job: 1/261107, Code - 7104, Sheet No's 17, 18, 19) 3. Any tree protected under Rule 5C.7.3.3 of the District Plan shall not be removed, altered, relocated or destroyed without resource consent approval.
4. All transplanted trees shall be transplanted in accordance with accepted arboricultural practice.
5. That a 2.0 metre high fence be erected between Westhaven Drive and the motorway. The length of the fence shall be no greater than the existing fenceline.
6. Transit New Zealand is responsible for the maintenance of the fence including the removal of graffiti.
7. Construction of the priority lane shall adhere with construction noise standards NZS6803P:1984 "The measurement and Assessment of noise construction, maintenance and demolition work."
8. That the operation of the additional motorway lane adjacent to Shelly Beach off-ramp be restricted to buses in the morning peak only, but be available for use by general traffic after the morning peak period.

Attachments

No attachments.

6720 State Highway 1 - Newmarket

Designation Number	6720
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from Gillies Avenue to St Marks Road off-ramp, Newmarket
Rollover Designation	Yes
Legacy Reference	Designation A07-01B, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Motorway - Newmarket Viaduct improvement project.

Conditions

1. General

1.1 Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided at the hearing by the Requiring Authority, being Transit New Zealand, the Notice of Requirement and supporting documents, as follows:

- a. 'Newmarket Viaduct Improvement Project (Viaduct Section) - Overview, Notice of Requirement, Assessment of Environmental Effects and Attachments - Volume 1', prepared for Transit New Zealand Limited by Beca

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Infrastructure Ltd, dated November 2005;

b. 'Newmarket Viaduct Improvement Project (Viaduct Section) - Specialist Technical Reports - Volume 2', prepared for Transit New Zealand Limited by Beca Infrastructure Ltd, dated November 2005;

c. 'Newmarket Viaduct Improvement Project (Viaduct Section) - A3 Plans - Volume 3', prepared for Transit New Zealand Limited by Beca Infrastructure Ltd, dated November 2005; and

d. Further information and updated plans provided with the section 92 response (dated 13 January 2006) and post notification material (dated 7 June 2006) including:

i. Drawings C110 - C113 (Revision B);

ii. Drawings C102 - C106 (Revision B);

iii. Schedule of Affected Properties (Revision B);

iv. Drawing S211 (Revision B); and

v. Revised Urban Design/Visual Assessment (Brewer Davidson, May 2006).

1.2 As soon as practicable, and within 12 months following completion of construction of the Project, the Requiring Authority shall give notice to Auckland City Council in accordance with Section 182 of the RMA for removal of those parts of the designation which are not required for the long term operation, maintenance and mitigation of effects of the State highway.

Note that Condition 1.2 is specific to land no longer required for construction purposes once the Project is completed.

1.3 A stakeholder manager shall be appointed by the Requiring Authority for the duration of the Project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The stakeholder manager's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be reasonably available for on-going consultation on all matters of concern to affected persons, including being available at all times during active construction.

1.4 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment on individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is later.

1.5 The period within which this designation shall lapse if not given effect to shall be 5 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

1.6 The works the subject to this designation, including demolition and construction, shall be completed as one continuous project, within 5-years of commencement of the works, with the exception of any enabling works (including enabling works above or nearby the rail corridor required to be undertaken in sequence with any work undertaken by Ontrack).

1.7 The boundary of the designation shall not encroach into the Mt Hobson Road Carriageway.

1.8 The Requiring Authority shall pay the Council a compliance monitoring charge of \$10,000.00 (inclusive of GST) plus any further monitoring charge or charges to recover the actual and reasonable costs that have been incurred to ensure compliance. This charge is to cover the cost of inspecting the site, carrying out tests, reviewing conditions, updating files and all work to ensure compliance with the conditions on the designation. This monitoring charge shall be paid one month prior to commencement of construction.

2. Project Management Plans (PMP) and Outline Plans

2.1 The Requiring Authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 3, 4, 7, 8 and 9 below.

2.2 No works shall be undertaken in any particular location(s) until:

a. The PMP, or such part(s) of the PMP as are relevant to the location(s), are submitted to and approved by the

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Auckland City Council; and

b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (RMA) in relation to the works in the location(s), are submitted to Auckland City Council.

2.3 Where an outline plan or plans are required by section 176A of the RMA for works in any particular location(s) and Auckland City Council agrees that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Auckland City Council may waive the requirement for an outline plan in respect of the works in the particular location(s), as provided for in section 176(2)(c) RMA.

2.4 The works shall be undertaken in accordance with the submitted and approved PMP and outline plan of works (where required), unless otherwise altered with the approval of the Auckland City Council (under condition 2.5 below).

2.5 The Requiring Authority shall require its contractor implementing the works to prepare a Contractor's Project Management Plan (CPMP) which shall include mitigation/management plans specified in conditions 3, 4, 7, 8 and 9 (referred to in condition 2.1 above). Where the CPMP is inconsistent with the PMP in relation to these mitigation/ management plans, the Requiring Authority shall seek the approval from the Auckland City Council to the changes.

3. Environmental

3.1 The PMP shall include an Environmental Management Plan (EMP) to be provided to Auckland City Council prior to commencement of works. The purpose of the EMP is to manage and mitigate, where practicable, identified adverse environmental effects.

3.2 The EMP shall also address the implementation of suitable arrangements for stormwater treatment and detention in accordance with Auckland Regional Council (ARC) guidelines and/or consent requirements.

4. Construction

4.1 The PMP shall include a Construction Management Plan (CMP) to be provided to Auckland City Council prior to commencement of works. The CMP shall be prepared in consultation with directly affected parties and parties affected by proximity as defined on the Newmarket Viaduct Consultation Map (June 2006).

4.2 The CMP shall include specific details relating to the demolition, construction and management of all works associated with the Project, including:

General:

- a. Details of the stakeholder manager, including their contact details (phone, facsimile, postal address, email address);
- b. The location of large notice boards that clearly identify the name, telephone number and address for service of the site or project manager;
- c. An outline construction programme of the works indicating in particular likely time periods for road closures and anticipated traffic diversion effects.
- d. Any means to ensure that no damage occurs to street trees that are otherwise unaffected by the Project throughout the construction period;
- e. Any means of protection of services such as pipes and water mains within the road reserve;
- f. Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
- g. Location of workers offices and conveniences (e.g. portaloos);
- h. Procedures for controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads or places. A Dust Management Plan shall be submitted to Council. It shall specify methods to be used to control dust from earthworks and demolition. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;

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- i. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works;
- j. Means of ensuring the safety of the general public;

Noise:

k. The CMP shall include a Construction Noise Management Plan (CNMP) describing the measures adopted to as far as practicable meet the requirements of the NZS6803:1999 Acoustics - Construction Noise. The CNMP shall refer to noise management measures set out in Annex E of NZS6803:1999, and as a minimum shall address the following:

- i. Construction sequence;
- ii. Machinery and equipment to be used, including the use of non percussive machinery where practicable;
- iii. Hours of operation, including times and days when noisy construction work would occur;
- iv. The design of noise mitigation measures such as temporary barriers or enclosures;
- v. Construction noise limits for specific areas;
- vi. Development of alternative strategies where full compliance with NZS6803:1999 cannot be achieved, including consultation with residents and other occupiers to achieve acceptable outcomes; and
- vii. Methods for monitoring and reporting on construction noise.

Traffic:

l. Methods of mitigating the local and network wide effects of both construction of individual elements of the Project, and the use of staging to allow sections of the Project to be opened to traffic while other sections are still under construction. In particular, the CMP shall describe:

- i. Traffic management measures to address and maintain, where practicable, traffic capacities at peak hours in Broadway, Gillies Avenue and St Marks Road, and any road closures that will be required;
 - ii. Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks); and
 - iii. The numbers, frequencies and timing of construction traffic movements.
- m. Methods to manage the effects of traffic that is required to detour or be diverted during construction, in particular seeking to minimise effects on residential areas such as Orakei Road and Market Road at night.
- n. Contingencies for traffic diversion in the case of extended road closures, emergency works or structure failure.
- o. Consultation with Auckland City Council, the Auckland Regional Transport Authority and the Bus and Coach Association with regard to the traffic management measures during construction to address and maintain, where practicable, traffic capacity at peak hours to provide for passenger transport services on both the roading and rail networks;
- p. Consultation with Auckland City Council with regard to the most appropriate means for providing access on Council roads within and adjacent to the designation;
- q. Identification of any existing on-site parking and manoeuvring areas which are affected by the works. Then, as far as practicable, and in consultation with Auckland City Council and the affected landowner, how the affected areas will be relocated or reinstated to achieve compliance with the District Plan or to a similar standard to that existing;
- r. Where necessary, provision of alternative access arrangements as far as practicable, and in consultation with the Auckland City Council and the affected landowner, where the existing property access is to be removed or becomes unsafe as a result of the works;
- s. Details on the maintenance of pedestrian access and thoroughfare shall be maintained on all roads and footpaths adjacent to the construction works where practicable. Such access shall be safe and clearly identifiable. Pedestrian access across the Dilworth Avenue footbridge shall be maintained at all times, except where it is required to be temporarily closed for construction purposes; and
- t. Consistency with the Transit New Zealand 'Code of Practice for Temporary Traffic Management' (COPTTM).

Vibration:

- u. The CMP shall as far as practicable meet the vibration standards of the German Standard DIN 4150, and

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shall address the following aspects:

- i. Vibration monitoring measures;
- ii. Criteria;
- iii. Possible mitigation measures;
- iv. Complaint response;
- v. Reporting procedures;
- vi. Notification and information for the community of the proposed works;
- vii. Vibration testing of equipment to confirm that the vibration limits will not be exceeded;
- viii. Location for vibration monitoring when construction activities are adjacent to critical buildings;
- ix. Operational times; and
- x Preparation of dilapidation reports on critical dwellings prior to, during and after completion of works.

4.3 The CMP shall be implemented and maintained throughout the entire demolition and construction periods.

4.4 Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of this designation at all times and not on surrounding streets.

4.5 All storage of materials and equipment associated with the construction works shall take place within the boundaries of this designation.

4.6 Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the roads during the site preparation and construction phase of development. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standard as existed prior to such damage at no cost to Auckland City Council.

4.7 Pedestrian access and thoroughfare shall be maintained on all roads and footpaths adjacent to the construction works where practicable. Such access shall be safe and clearly identifiable.

4.8 All local temporary road closures shall be subject to prior approval of the Council.

4.9 The CMP shall, where practicable, provide priority for buses at peak hours along Broadway.

Blasting:

4.10 If any blasting is required during construction, it shall be so controlled as to ensure that any ground vibration as a result of any blasting will not adversely affect the structural stability of any building or structure including electrical equipment (that is not connected with the site covered by this designation) or cause any reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3:1986 'Structural Vibration in Buildings - Effect on Structures', will be deemed to meet these requirements. Peak particle velocity means the maximum particle velocity in any of the three mutually perpendicular direction. The units are millimetre per second (mm/s).

4.11 The noise created by the use of explosives for blasting shall not exceed a peak overall sound pressure of 128dB (i.e. peak over pressure of 0.05kPa) or alternatively the noise shall not exceed a peak sound level of 122dBC. The measurement shall be made in either case at 1m from the most exposed window or door of any occupied building (that is not subject to this designation).

5. Archaeological Heritage

5.1 An archaeologist or some other person approved by the New Zealand Historic Places Trust shall be present to monitor initial earthworks for the Project, including works that affect the stonewall under the present viaduct at Gillies Ave (the edge of the lava flow).

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5.2 Detailed protocols for the management of archaeological and waahi tapu discoveries shall be developed in conjunction with tangata whenua prior to construction.

5.3 If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. The Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust, Auckland City Council within 24 hours that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the NZ Historic Places Trust is obtained.

6. Protected Trees

6.1 This condition applies to trees within the designation area that would be subject to Tree Protection rules under the provisions of the underlying zoning of the District Plan ("Protected Trees").

6.2 Removal, trimming/pruning or works within the drip line of Protected Trees, shall be limited to those trees identified in the Landscape Report November 2005 and includes trees located on road reserve greater than 6 metres in height and trees subject to general tree protection greater than 6 metres in height.

6.3 A suitably experienced, Council approved arborist ('nominated arborist') shall be employed by the Requiring Authority, at the Requiring Authority's expense, to monitor, supervise and direct all works within the drip line or in the vicinity of those protected trees to be retained, for the duration of the works.

6.4 Prior to any site works commencing, a pre-commencement site meeting shall be held so that the conditions of the designation that pertain to the retained vegetation can be explained by the nominated arborist to all contractors or sub-contractors who will be working on site within the drip-line of, or adjacent to, any protected vegetation that is covered by the designation.

6.5 A copy of the conditions of the designation pertaining to the protected trees shall be held on site at all times.

6.6 The following measures shall be taken in respect of the remaining Protected Trees within the designation area:

- a. Temporary protective fencing shall be erected around the Protected Trees to be retained prior to the commencement of construction activity and shall remain in place for the duration of the Project. The purpose of the temporary protective fencing is to provide an area around the retained trees that will facilitate their successful retention during the construction process. The parameters of the enclosure shall be as directed by the Requiring Authority's arborist;
- b. Except as provided for in Conditions 6.7 and 6.8, the area within the temporary protective fencing shall be considered a total exclusion zone. The Requiring Authority and its agents shall not:
 - i. Enter into the delineated area without prior consultation and agreement from the nominated arborist;
 - ii. Alter the dimensions of the delineated area without prior consultation and agreement from the nominated arborist;
 - iii. Store diesel, cement, building materials, site huts, spoil, equipment, or machinery within the delineated area; and
 - iv. Spill substances likely to be injurious to tree health within seepage distance of the delineated area.
- c. The temporary protective fencing shall be constructed from a solid face (i.e. plywood or corrugated iron) attached to a sturdy framework of freestanding scaffolding or posts. It must be constructed to a minimum height of 1.8m and must remain in place for the duration of the Project.

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6.7 The nominated arborist shall undertake all necessary trimming and pruning works, including the pruning of tree roots uncovered during excavations. Exposed roots shall be covered and kept moist.

6.8 The nominated arborist shall undertake a tree-monitoring programme throughout the construction phase, including monitoring of:

- a. The condition repair and location of the temporary protective fencing;
- b. Any excavation within the drip line of protected trees;
- c. General tree health; and
- d. Compliance with the conditions of the designation by way of fortnightly inspections during the construction period. A copy of the monitoring results from each visit shall be sent to the Auckland City Environments' arborist, with one copy being retained on site by the Project Manager, while a further copy is to be retained by the nominated arborist.

6.9 During the construction process the nominated arborist may make recommendations on the installation of irrigation systems, mulch, or remedial pruning works, if they are required to improve tree health.

7. Landscape Mitigation

7.1 The PMP shall include a Landscape Mitigation Plan (LMP) to be provided to Auckland City Council prior to or with the outline plan of works for the project or project stage. The LMP shall be prepared by a suitably qualified landscape architect, and shall address the following matters:

- a. Transit New Zealand's "Guidelines for Highway Landscaping" (dated September 2002);
- b. Consistency with Transit New Zealand's "Central Motorway Improvements: Urban Design Framework" (dated 6 September 2001); and
- c. Consistency with Transit New Zealand's "Urban Design Implementation Principles (2006)".

7.2 The Landscape Mitigation Plan (LMP) for the Project area shall provide for:

- a. The integration of the permanent works into the surrounding landscape;
- b. Mitigation of effects on properties in the vicinity of the alignment;
- c. Integration, and continuation of significant elements of consistency with recently established planting themes in the CMJ Core area, established desirable coastal vegetation, and the vegetative character of Newmarket;
- d. Retention or relocation of existing trees where practicable; and
- e. Replacement planting or mitigation for loss of protected or scheduled trees.

7.3 The Landscape Mitigation Plan (LMP) shall include the following:

- a. Concept Plan/Report - this shall depict the overall landscape concept, and provide a framework for the design intent, layout and mitigation proposals;
- b. Landscape Design Details - these shall include the following details:
 - i. Identification of vegetation to be retained;
 - ii. Proposed planting including - plant species, mixes, spacing/densities, sizes (at time of planting) and layout;
 - iii. Planting programme - the staging of planting in relation to the construction programme;
 - iv. Detailed specifications relating to (but not limited to) the following:
 - v. Vegetation protection (for desirable vegetation to be retained);
 - vi. Weed control and clearance;
 - vii. Ground preparation (topsoiling and decompaction to ensure rapid plant establishment and ongoing vigour);
 - viii. Mulching;
 - ix. Plant supply and planting;
 - x. Maintenance regime (requirements and programme);
 - xi. Performance standards
- xii. The restorative landscape treatment for the areas within the designation surrounding all road reserves affected by the Project, including Gillies Ave, St Marks Road, Mauranui Ave, Mahuru Street and Clovernook Street;

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xiii. Landscape treatment for both sides of the Mt Hobson noise wall;

xiv. Consideration of views to volcanic cones; and

xv. Consideration of:

- The landscape character of the area;
- The relationship of the works to the pedestrian environment;
- Integrated planting, as appropriate, to promote a "gateway" concept at St Marks Rd and Gillies Ave and to include treatment of the on-off ramp edges and under-bridge areas; and
- Designs that will strengthen Newmarket's "sense of place".

7.4 In areas where shrub mixes are used, densities shall ensure that low canopy coverage has been attained by the end of the contract maintenance period.

7.5 Prior to planting and throughout the ensuing maintenance period, all weed species declared as plant pests in the Auckland region by the ARC (including Total Control/Containment Pests/Surveillance Pests & Research Organisms) shall be controlled and removed from the site.

7.6 Where native plants are used, the composition shall reflect the natural plant associations of the area, and the mixes (where relevant) shall be of suitable richness and diversity to encourage self-sustainability once established.

7.7 Where practicable, any planting utilising native plants shall use plants genetically sourced from the Ecological District.

7.8 Planting areas shall be mulched using suitable weed-free, granular organic mulch. The only exceptions to this shall be where the slopes are too steep to allow for its retention. In such cases a neutral or black coloured biodegradable or photodegradable geotextile shall be used.

7.9 Landscape mitigation proposals outside the designation boundary shall be agreed with the appropriate landowner and subsequently implemented.

7.10 The LMP shall be prepared in consultation with Auckland City Council and iwi.

7.11 The landscaping shall be implemented in accordance with the LMP within the first planting season following the completion of the construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained for the next 3 years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping may be implemented after the first planting season of each stage.

7.12 When planning or implementing changes to signage on the Newmarket Viaduct, the Requiring Authority shall, where safe and practicable, avoid locating additional signage where it will encroach on the viewshaft to Mt Hobson, as described in the Auckland City District Plan: Isthmus Section.

8. Urban Design

8.1 The PMP shall include an Urban Design Plan (UDP) to be provided to Auckland City Council prior to or with the outline plan of works for the project or project stage. The UDP shall be prepared by a suitably qualified person (including an artist where appropriate), and shall address the following matters:

- a. Transit New Zealand's "Central Motorway Improvements: Urban Design Framework" (dated 6 September 2001); and
- b. Transit New Zealand's "Urban Design Implementation Principles (2006)".

8.2 The UDP and urban design measures shall include:

- a. Concept Plan/Report - this shall depict the overall urban design concept and provide a framework for the

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design intent, layout and urban design measures, which shall:

- i. Be determined in consultation with Auckland City Council and iwi (by way of a joint working party);
 - ii. Consider further comments from the Auckland City Urban Design Panel;
 - iii. Not preclude access to any future pedestrian linkage identified by Auckland City Council (including Gillies Ave/Clovernook Place).
- b. Urban design details and appropriate design measures in respect of:
- i. Treatment of noise attenuation barriers;
 - ii. Road safety barriers;
 - iii. Retaining walls;
 - iv. Pedestrian areas or facilities;
 - v. Methods to visually screen sections under the Newmarket Viaduct (where considered appropriate), such as beneath the Gillies Ave bridge section;
 - vi. The area beneath the viaduct at Gillies Ave, which shall be designed to promote a positive pedestrian experience;
 - vii. Stakeholder funded art works;
 - viii. Design of the Mt Hobson Road noise wall; and
 - ix. Restoring all road reserves beneath the designation affected by the Project, including Gillies Ave, St Marks Road, Mauranui Ave, Mahuru Street and Clovernook Street.

8.3 The Requiring Authority shall commission a peer review of barrier options for the Newmarket Viaduct. The peer reviewer shall be selected by agreement with Auckland City Council.

a. The purpose of the review of barrier options shall be to ascertain whether there are any alternative barrier options to that proposed by Transit in the NOR documentation, that would better maintain the protected views from the Viaduct to the Waitemata Harbour or Rangitoto as identified in the operative District Plan (as at July 2006). The alternative barrier options shall meet each of the following criteria:

- i. The barrier is approved by the Requiring Authority as meeting its operational and safety requirements (including its debris and noise screen functions); and
- ii. The barrier is of a height or design that could maintain protected views from the Viaduct to the Waitemata Harbour or Rangitoto as identified in the operative District Plan (as at 7 July 2006); and
- iii. The barrier provides the same or better acoustic performance required under condition 9.2(a).

b. The peer review report shall include details of each barrier option (if more than one), including a view protection assessment, the cost, maintenance requirements and the extent to which each option meets Transit's required operational and functional requirements (including its debris and noise screening functions). The report shall be provided to Auckland City Council and the Auckland Regional Council;

c. The view protection assessment shall use photomontages or computer modelling techniques, to demonstrate the impact of each option on protected views. The view protection assessment shall show a representative range of views along the viewshaft's origin from the level of a typical motorcar; and

d. Following the completion of the peer review, where significant additional protection to the views from the Viaduct to the Waitemata Harbour or Rangitoto can be practicably achieved, the Requiring Authority will determine the final barrier design in consultation with Auckland City Council and the Auckland Regional Council.

8.4 The above ground Viaduct pier elements shall not be located in the pier restriction zone shown on Transit plan 9101314-S211, titled "Pier Restriction Zones", Revision B dated 13 January 2006 and submitted with the section 92 response. Piers located within the local road reserve will be minimized and will require the prior written approval of the Auckland City Council. The Council will assess the position and design of the pier in terms of its impact on amenity, public safety and pedestrian and traffic movement, and Council approval shall not be unreasonably withheld.

9. Operational Noise

9.1 The PMP shall include a Noise Management Plan (NMP) to be provided to Auckland City Council prior to commencement of works. The NMP shall be prepared by a suitably qualified acoustic expert for the purposes of avoiding, mitigating or remedying any adverse noise effects from the operation of the project following its

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construction.

9.2 The NMP shall include:

- a. General measures (e.g. noise attenuation barriers), to achieve at a minimum, compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999), these shall include (but are not limited to) the following mitigation measures:
 - i. A noise barrier, no less than 2 metres high from the level of the carriageway, between Mt Hobson Road and the motorway (extending from approximately 28 Dilworth Avenue to 34 Mt Hobson Road) in accordance with the Newmarket Viaduct Improvement Project - Assessment of Noise Effects for Viaduct Section Report (Marshall Day) dated 15 November 2005;
 - ii. The use of Open Graded Porous Asphalt "OGPA" or equivalent material to surface the new viaduct; and
 - iii. The use of solid barriers and a median on the new viaduct.
- b. Specific measures for existing dwellings, where these are necessary in addition to the general measures under 9.2.a. above to achieve at a minimum, compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999).

9.3 The NMP shall identify the existing dwellings for which specific measures are required in accordance with condition 9.2.b above. Those dwellings shall be referred to as 'affected dwelling(s)'.

9.4 Not less than three months prior to the completion of construction of the Project, the Requiring Authority shall give written notice to the owner of each affected dwelling:

- a. Advising the options available for mitigation treatment to the affected dwelling and the predicted benefits of implementation of such options in term of noise levels;
- b. Advising that the owner has six months within which to decide whether or not to accept mitigation treatment to the dwelling; and
- c. Once an agreement on mitigation is reached between the Requiring Authority and the owner, the mitigation shall be implemented in an accepted timeframe between the Requiring Authority and the owner.

9.5 The Requiring Authority shall advise the Auckland City Council of:

- a. All written notices served in accordance with condition 9.4;
- b. Any responses received to those written notices; and
- c. Those affected dwellings in respect of which no response has been received.

9.6 Where specific measures are required for an affected dwelling, the Requiring Authority shall be deemed to have complied with condition 9.1 above where:

- a. The Requiring Authority has completed noise mitigation treatment to an affected dwelling; or
- b. The owner of the affected dwelling has refused to accept the Requiring Authority's offer to implement noise mitigation treatment to the dwelling prior to the expiry of six months after the practical completion of the Project; or
- c. The owner of the affected dwelling cannot after reasonable enquiry be found prior to the expiry of six months after the completion of the State highway construction.

9.7 Subject to condition 9.6, all noise mitigation measures identified by the NMP shall be implemented prior to the completion of construction of the Project.

9.8 As required by the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999) measurements of noise levels existing prior to construction shall be used to establish ambient noise levels. The results of 24 hour ambient noise measurements at no less than a total of six (6) positions within 50 m of the northbound and southbound lanes, together with site maps and photographs detailing measurement positions and key data on measurement conditions shall be forward to the Council prior to the commencement of construction.

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9.9 Compliance Monitoring: Following completion of the work, the requiring authority shall arrange for an appropriately qualified person to undertake monitoring of the level of traffic noise at the above six (6) sites for which ambient noise level data has been previously recorded, within a period between of between 2 and 3 years following completion of construction of the Work and shall report the findings of monitoring to the Council, within one month of the monitoring being undertaken.

10. Operational Vibration

10.1 Vibration levels of the existing State Highway 1 operations shall be measured at critical locations, and submitted to the Council, prior to the commencement of works. These baseline measurements will provide levels for current use and for comparison with future levels.

11. Lighting

11.1 Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas.

12. Parking

12.1 Prior to commencing works pursuant to the designation, the Requiring Authority shall ensure that it has provided approved alternative parking for staff of Westfield, which is currently provided at 10 Mahuru Street, pursuant to Westfield's existing consent LUC no. 5700210401.

13. Lapse Date

Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

Advice Notes

1. The Requiring Authority shall obtain all other necessary consents and permits and comply with all relevant Council bylaws.

2. The Requiring Authority shall obtain all other necessary resource consents and permits in relation to sediment and stormwater discharges from the Auckland Regional Council.

3. Under the Historic Places Act an Authority to Modify an Archaeological Site is required from the NZ Historic Places Trust before any work takes place on an archaeological site.

4. Some of the land is subject to existing designations. The provisions of Section 177 of the Resource Management Act 1991 apply accordingly.

5. A separate Transit designation, being D09-32, affects land adjoining the Viaduct. That designation imposes a 12.2 metre height restriction on land within 76.2 metres of the centreline of the existing Newmarket Viaduct. The Requiring Authority advises that it will review the ongoing need for and/or extent of designation D09-32 as part of detailed design for the Newmarket Viaduct Project and, once a decision is made, an alteration to designation D09-32 may be sought pursuant to the relevant RMA provisions. In the interim, the height designation D09-32 will remain in its existing position and will not automatically move to align with the new Viaduct alignment.

Attachments

No attachments.

6721 State Highway 1 - Victoria Park Tunnel

Designation Number	6721
Requiring Authority	New Zealand Transport Agency

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Location	State Highway 1 from Victoria Park, Auckland Central to Shelley Beach Road off-ramp, Westhaven
Rollover Designation	Yes
Legacy Reference	Designation A07-01C, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Motorway - Victoria Park tunnel project.

Conditions

GENERAL

1. General

1.1 Except as modified by the conditions below and subject to final design, the project works shall be undertaken in general accordance with the information provided at the hearing by the Requiring Authority (Transit New Zealand), the Notices of Requirement and the supporting documents, namely:

- a. 'Harbour Bridge To City Project - Overview, Notices of Requirement and Attachments - Volume 1', prepared for Transit New Zealand by Beca Infrastructure Ltd, dated October 2005;
- b. 'Harbour Bridge To City Project - Assessment of Environmental Effects - Volume 2', prepared for Transit New Zealand by Beca Infrastructure Ltd, dated October 2005;
- c. 'Harbour Bridge To City Project - Technical Appendices - Volume 3', prepared for Transit New Zealand by Beca Infrastructure Ltd [et al.] dated October 2005;
- d. 'Harbour Bridge To City Project -A3 Plans - Volume 4', prepared for Transit New Zealand by Beca Infrastructure Ltd, dated October 2005;
- e. Further information provided with the response provided under Section 92 Resource Management Act 1991 (dated 2 February 2006).

Note: The Harbour Bridge to City project has been renamed the " Vic Park Tunnel Project" (the Project).

1.2 As soon as practicable following completion of construction of the Vic Park Tunnel (VPT) Project, the Requiring Authority shall give notice to the Auckland City Council in accordance with Section 182 of the Resource Management Act ("RMA") for removal of those parts of the existing designations (those in existence prior to the lodgement of the new designation subject to condition 1.1 above) between the Auckland Harbour Bridge and Wellington Street overbridge, being:

1. A07-01 'Motorway' and A07-01A 'Motorway': Shelly Beach Priority Lane in the Auckland City District Plan: Isthmus; and
2. 283 'Motorway' in the Auckland City District Plan: Central Area.

1.3 As soon as practicable following completion of construction of the Project, the Requiring Authority shall give notice to Auckland City Council in accordance with Section 182 of the RMA for removal of those parts of the designation which are not required for the long term operation, maintenance and mitigation of effects of the State highway.

Note:

This condition is specific to land no longer required for construction purposes once the Project is completed.

1.4 A liaison person shall be appointed by the Requiring Authority for the duration of the Project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be reasonably available for on-going consultation on all matters of concern to affected persons.

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1.5 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the designation boundary on individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is later.

1.6 The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

2. Project Management Plan ("PMP") and Outline Plans

2.1 The Requiring Authority shall prepare a PMP, which shall include mitigation/management plans as referred to in conditions dealing with specific issues below. A schedule of how the subsidiary plans that are required by these conditions relate back to the PMP follows these conditions as Annexure A.

2.2 No works shall be undertaken in any particular location(s) until:

1. The PMP, or such part(s) of the PMP as are relevant to the location(s) are submitted to and approved by the Auckland City Council (Group Manager: City Planning); and
2. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (RMA) in relation to the works in the location(s), have been submitted to the Auckland City Council.

2.3 Where an outline plan or plans are required by section 176A of the RMA for works in any particular location(s) and the Auckland City Council agrees that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 of the RMA, then the PMP or relevant part(s) of the PMP shall be deemed to be a waiver of the requirement for an outline plan in respect of the works in the particular location(s), as provided for in section 176(2)(c) RMA.

2.4 The works shall be undertaken in accordance with the approved PMP and outline plan of works (where required).

3. Other Plans

3.1 The PMP shall include an Environmental Management Plan (EMP) to be provided to the Auckland City Council prior to the commencement of works. The purpose of the Environmental Management Plan is to avoid, remedy or mitigate all adverse environmental effects associated with the construction and operation of the Project. The EMP is to include a Construction Environmental Management Plan (CEMP) and Environmental Monitoring Guidelines (EMG).

3.2 The PMP shall include a Construction Management Plan (CMP) to be provided to Auckland City Council (Group Manager: City Planning) prior to commencement of works. The purpose of the CMP is to avoid, remedy or mitigate any effects of construction, through methods identified in the CMP, including the preparation of management plans. The CMP shall be prepared in consultation with the directly affected parties and parties affected by proximity (including other neighbouring submitters) as shown in Appendix 1 to the decision (refer to Plan Modification 32).

3.3 The CMP shall include specific details relating to the demolition, construction and management of all works associated with the Project, including the details indicated below:

1. Details of the site or project manager, including their contact details (phone, facsimile (if any), postal address, email address);
2. The location of large notice boards that clearly identify the name, telephone number and address for service of the site or project manager;
3. An outline construction programme of the works indicating in particular likely time periods for partial or complete road closures and anticipated traffic diversion effects;
4. Any means to ensure that no damage occurs to street trees throughout the construction period;
5. Any means of protection of services such as pipes and watermain within the road reserve;
6. Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
7. Location of workers' offices and conveniences (e.g. portaloos);

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8. Procedures for controlling sediment runoff, dust and the removal of soil, debris and demolition and construction materials from public roads or places, including wheel wash for construction vehicles. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
9. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works;
10. Procedures for ensuring that blasting events, if any, occur at times least likely to disturb all people in the immediate vicinity of the construction areas, and for reasonable notice or warning of any blasting events to be given;
11. Procedures to be followed to ensure that those working in the vicinity of identified heritage features are aware of the heritage values of these features and the steps which need to be taken to meet the conditions applying to work on the site;
12. Procedures to be followed to ensure that iwi representatives are notified of the proposed commencement of works and of the discovery of any koiwi or other artefacts;
13. Procedures to be followed in the event that any historic artefacts are disturbed, being in accordance with any Authority obtained under the Historic Places Act;
14. Means of ensuring the safety of the general public;
15. Methods for receiving and responding to complaints about construction dust and odour from the works;
16. Protocols for offering mitigation such as temporary relocation of households where noise and other impacts cannot be managed to comply with relevant standards.

NOISE AND VIBRATION

4. Operational Noise

4.1 A Noise Management Plan (NMP) shall be prepared by a suitably qualified acoustics expert for the purposes of avoiding, mitigating or remedying any adverse noise effects from the operation of the Project following its construction. The NMP shall be provided to the Auckland City Council (Group Manager: City Planning) prior to the commencement of works.

4.2 The NMP shall include:

1. General measures to achieve, at a minimum, compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999), including (but not limited to) the following mitigation measures:
 - i. the construction of noise walls (to a maximum of 5 metres in height in the St Mary's Bay area);
 - ii. the use of Open Graded Porous Asphalt "OGPA" or equivalent material to surface the carriageway;
2. Specific measures for existing dwellings, where these are necessary in addition to the general measures under (a) above to achieve at a minimum, compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999).

4.3 The NMP shall identify the existing dwellings for which specific measures are required in accordance with condition 4.2.2) above. These dwellings are referred to as the 'affected dwelling(s)'.

4.4 Not less than three months prior to the completion of construction of the Project, the Requiring Authority shall give written notice to the owner of each affected dwelling:

1. Advising the options available for mitigation treatment to the affected dwelling and the predicted benefits of implementation of such options in term of noise levels; and
2. Advising that the owner has six months within which to decide whether or not to accept mitigation treatment to the dwelling.
3. Once an agreement on mitigation is reached between the Requiring Authority and the owner, the mitigation shall be implemented in an accepted timeframe between the Requiring Authority and the owner.

4.5 The Requiring Authority shall advise the Auckland City Council (Group Manager: City Planning) of:

1. All written notices served in accordance with condition 4.4;
2. Any responses received to those written notices;

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3. Those affected dwellings in respect of which no response has been received.

4.6 Where specific measures are required for an affected dwelling, the Requiring Authority shall be deemed to have complied with condition 4.1 where:

1. The Requiring Authority has completed noise mitigation treatment to an affected dwelling; or
2. The owner of the affected dwelling has refused to accept the Requiring Authority's offer to implement noise mitigation treatment to the dwelling prior to the expiry of six months after the practical completion of the Project; or
3. The owner of the affected dwelling cannot after reasonable enquiry be found prior to the expiry of six months after the completion of construction of the Project.

4.7 Subject to condition 4.6, all noise mitigation measures identified by the NMP shall be implemented prior to the completion of construction of the Project.

4.8 As required by the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999), measurements of noise levels existing prior to construction shall be used to establish ambient noise levels. Measurements shall be undertaken by a suitably qualified person and the results of 24 hour ambient noise measurements at a total of six (6) positions within 100 metres of the designation boundary, together with site maps and photographs detailing the measurement positions and key data on measurement conditions shall be forwarded to the Auckland City Council (Group Manager: City Planning) prior to the commencement of construction.

4.9 Following completion of the Project, the Requiring Authority shall arrange for an appropriately qualified person to undertake monitoring of the level of traffic noise at the above six (6) sites for which ambient noise level data has been previously recorded, within a period between 2 and 3 years following completion of construction of the Project and shall report the findings of monitoring to the Auckland City Council (Group Manager: City Planning), within one month of the monitoring being undertaken.

5. Operational Vibration

5.1 Vibration levels of the existing State Highway 1 operations shall be measured at critical locations nominated by Transit New Zealand, and submitted to the Auckland City Council (Group Manager: City Planning), prior to the commencement of works. These baseline measurements will provide levels for current use and for comparison with future levels.

6. Construction Noise and Vibration

6.1 The Construction Management Plan shall be implemented and maintained throughout the entire demolition and construction periods of the Project and shall include the following:

Noise

1. The CMP shall include a Construction Noise and Vibration Management Plan (CNVMP) describing the measures adopted to, as far as practicable, meet the requirements of NZS6803:1999 Acoustics - Construction Noise. The CNVMP shall refer to noise management measures set out in Annexure E of NZS6803:1999, and as a minimum shall address the following;
 - i. Construction sequence;
 - ii. Machinery and equipment to be used, including the use of non-percussive machinery where practicable;
 - iii. Hours of operation, including times and days when noisy construction work would occur;
 - iv. The design of noise mitigation measures such as temporary barriers or enclosures;
 - v. Construction noise limits for specific areas;
 - vi. Development of alternative strategies where full compliance with NZS6803:1999 cannot be achieved, including consultation with residents and other occupiers to achieve acceptable outcomes;
 - vii. Methods for monitoring and reporting on construction noise.
 - viii. Methods for receiving and responding to complaints about construction noise.

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Vibration

2. The CNVMP shall also describe measures adopted to, as far as practicable, meet the vibration criteria of the German Standard DIN 4150, and shall address the following aspects:

- i. Vibration monitoring measures;
- ii. Criteria;
- iii. Possible mitigation measures;
- iv. Complaint response;
- v. Reporting procedures;
- vi. Notification and information for the community of the proposed works;
- vii. Vibration testing of equipment to confirm that the vibration limits will not be exceeded;
- viii. Location for vibration monitoring when construction activities are adjacent to critical buildings;
- ix. Operational times;
- x. Preparation of dilapidation reports on critical dwellings prior to, during and after completion of works.

7. Blasting

7.1 If any blasting is required during construction, it shall be so controlled as to ensure that any ground vibration as a result of any blasting will not adversely affect the structural stability of any building or structure including electrical equipment (that is not connected with the site covered by this designation) or cause any reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3:1986 'Structural Vibration in Buildings - Effect on Structures', will be deemed to meet these requirements. Peak particle velocity means the maximum particle velocity in any of the three mutually perpendicular directions. The units are millimetre per second (mm/s).

7.2 The noise created by the use of explosives for blasting shall not exceed a peak overall sound pressure of 128dB (i.e. peak over pressure of 0.05kPa) or alternatively the noise shall not exceed a peak sound level of 122dBC. The measurement shall be made in either case at 1m from the most exposed window or door of any occupied building (that is not subject to this designation).

CONSTRUCTION TRAFFIC

8. Traffic Management Plan

8.1 The Construction Management Plan shall include a Traffic Management Plan (TMP). In developing the TMP:

1. The Requiring Authority shall use advanced traffic modelling tools to better understand the effects of construction of the Project on the affected road network. These tools will be developed and calibrated in conjunction with the Auckland City Council (Group Manager: City Planning) and have the ability to simulate lane restrictions and road closures;
2. The Requiring Authority shall undertake measures to avoid road closures and also the restriction of vehicle and pedestrian movements to the greatest extent practicable. In particular, the measures shall ensure that vehicle and pedestrian accesses in the vicinity of the Victoria Street / Franklin Road intersection are maintained to the greatest extent practicable during the construction period, so as to provide full access for vehicle movements from Franklin Road into Victoria Street and at a minimum left turn access from Victoria Street into Franklin Road.

8.2 The TMP shall describe the measures that will be undertaken to achieve, as far as practicable, the following:

1. Methods of avoiding, remedying or mitigating the local and network wide effects of construction of the Project. In particular, the TMP shall describe:
 - i. Traffic management measures to address and maintain, where practicable traffic capacity, including bus services, at traffic peak hours during week days and weekends in Victoria Street, Beaumont Street, Fanshawe Street, Franklin Road, Cook Street, College Hill and Union Street;
 - ii. Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses (including the restriction of right turn movements into Franklin Road);

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- iii. Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (eg intersections/tunnel) and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- iv. Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks);
- v. The numbers, frequencies, routes and timing of construction traffic movements; and
- vi. Monitoring to measure the impact of traffic, in terms of traffic speeds and volumes on those roads described in 8.2.1(i);
- vii. Alternative locations to mitigate the temporary loss of off street parking during construction;
- viii. Traffic management measures to ensure, to the greatest extent practicable, that during the peak trading hours of the Victoria Park New World, namely 4.00pm to 7.00pm on weekdays and 11.00am to 4.00pm on weekends:
 - a. access for vehicle movements from Franklin Road into Victoria Street (and at a minimum left turn access from Victoria Street into Franklin Road) is maintained; and
 - b. access is maintained to the carpark of the Victoria Park New World.
2. Methods to manage the effects of traffic during construction, including the requirement to detour or divert traffic. These methods shall:
 - i. Seek to avoid, remedy or mitigate effects on access to and from residential areas in Franklin Road, Beaumont Street and Victoria Street and the effects of traffic noise at night.
 - ii. Seek to avoid, remedy or mitigate effects on access to and from businesses and other organisations in the area particularly on Franklin Road, Victoria Street and Beaumont Street including the New World supermarket and the Victory Christian Church.
3. Traffic management measures during construction to be developed in consultation with the Auckland Regional Transport Authority (ARTA), Bus and Coach Association and the Auckland City Council to address and maintain, where practicable, traffic capacity at peak hours to provide for passenger transport services on the road network.
4. Consultation with the Auckland City Council (Group Manager: City Planning) with regard to the most appropriate means for providing access on Council roads within and adjacent to the designation.
5. Identification of any existing on-site parking and manoeuvring areas which are affected by the works. Then, as far as practicable, and in consultation with the Auckland City Council (Group Manager: City Planning) and the affected landowners, how the affected areas will be relocated or reinstated to achieve compliance with the Auckland City District Plan: Isthmus Section 1999 or Auckland City District Plan: Central Area Section 2004 or to a similar standard to that existing.
6. Measures to maintain existing vehicle access to the greatest extent practicable or where the existing property access is to be removed or becomes unsafe as a result of the works, to provide alternative access arrangements to an equivalent standard as that removed, as far as practicable, and in consultation with the Auckland City Council (Group Manager: City Planning) and the affected landowner.
7. Details on the maintenance of pedestrian access with thoroughfare to be maintained on all roads and footpaths adjacent to the construction works, where practicable. Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours. This shall include the areas of high pedestrian traffic of Fanshawe Street, Wellington Street, Franklin Road, Union Street, Cook Street, Victoria Street and Beaumont Street as well as Point Erin, St Mary's Bay and Victoria Park reserve areas.
8. Consistency with Transit New Zealand 'Code of Practice for Temporary Traffic Management' (COPTTM).
9. Recognition of the need for the Auckland City Council to access and maintain its roading network during the construction phase of the Project.
10. Recognition of the need to coordinate and to consult directly with the proponents of any major construction occurring concurrently with, and in the vicinity of, the Project during construction.

8.3 During construction of the proposed tunnel, Transit shall ensure that all storage and vehicle parking takes place within the boundaries of the designation or in compliance with all parking restrictions and Council bylaws.

8.4 Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of the

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designation at all times and not on surrounding streets.

8.5 All storage of materials and equipment associated with the construction works shall take place within the boundaries of the designation.

8.6 Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and roads during the site preparation and construction phase of the Project. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standard as existed prior to such damage at no cost to the Auckland City Council.

OPERATIONAL TRAFFIC

9. Traffic management measures that are practicable will be developed by Transit in consultation with ARTA and the Northern Busway partners and implemented, if required, to provide northbound bus priority through the Fanshawe Street / Beaumont Street intersection and the St Mary's Bay section of the motorway corridor.

PUBLIC OPEN SPACE AND AMENITY

10. Trees

10.1 The Requiring Authority is to produce a feasibility report, prepared by a qualified arboriculturalist and transplanting specialist, on transplanting the scheduled London Plane Trees in Victoria Park which are affected by the proposed designation and works to a location to be determined in consultation with Auckland City. This feasibility report shall address the likelihood of tree survival, the effects of relocation (temporary or permanent), the timeframes required and their effects on the Project, and the overall benefits/costs. If transplanting one or more of the trees is found to be feasible by the transplanting specialist, and Transit agrees with the estimated cost of transplantation, the transplantation shall be undertaken prior to the commencement of the works in that vicinity. The transplanting shall be accompanied by a maintenance programme approved in advance by the Auckland City Arborist.

10.2 The methodology for relocating any such trees shall be approved by the Auckland City Arborist.

10.3 In the event that it is not feasible to transplant one or more of the scheduled London plane trees, their removal shall be mitigated by the planting of an appropriate number of London plane trees in Victoria Park with the intent that the ring of trees that delineates the Park is maintained. The Auckland City Arborist is to determine how many replacement trees will be required in the case of each London plane tree so removed. The replacement trees shall be planted within the next available planting season. If the planting positions are not available until after the construction period is complete, the trees shall be grown on in a nursery until required. These trees shall be a minimum of 6m high when planted. Each of the trees shall have a two year maintenance programme approved by the Auckland City Arborist. The planting locations for the replacement trees shall be addressed as part of the Requiring Authority's landscape mitigation package and shall be approved by the Auckland City Arborist.

10.4 The Requiring Authority shall develop a tree mitigation package comprising transplanting or replanting of trees, and planting of new trees.

10.5 The removal of any elm trees is to follow MAF (Biosecurity New Zealand) requirements. All plant and machinery used during any such removal must be cleaned before off-site use.

10.6 Monitoring of the groundwater conditions is to be undertaken around trees in the vicinity of the tunnel excavation during construction. If, in the opinion of the Auckland City Arborist, groundwater levels decline to a level that may adversely affect tree health, appropriate remedial measures shall be undertaken by the Requiring Authority to the satisfaction of the City Arborist.

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10.7 Conditions 10.8 to 10.15 apply to trees within the designation area that would be subject to Tree Protection rules under the underlying zoning provisions of the District Plan ("Protected Trees").

10.8 Removal, trimming/pruning or works within the drip line of Protected Trees shall be limited to those trees identified in Appendix 2 of the decision (refer to Plan modification 32). A tree may be added to this Appendix with the approval of the Auckland City Arborist.

10.9 A suitably experienced, Council approved arborist ('nominated arborist') shall be employed by the Requiring Authority for the duration of the works, at the Requiring Authority's expense, to monitor, supervise and direct all works within the drip line or in the vicinity of those Protected Trees to be retained.

10.10 Prior to any site works commencing, a pre-commencement site meeting shall be held so that the conditions of designation that pertain to the retained vegetation are explained by the nominated arborist to all contractors or sub-contractors who will be working on site within the drip-line of, or adjacent to, any protected vegetation that is covered by the designation.

10.11 A copy of the conditions of designation pertaining to the Protected Trees shall be held at the main construction site office, on site, at all times.

10.12 The following measures shall be taken in respect of the remaining Protected Trees within the designation area:

1. Prior to the commencement of construction activity temporary protective fencing shall be erected around the Protected Trees to be retained, and shall remain in place for the duration of the Project. The purpose of the temporary protective fencing is to provide an area around the retained trees that will facilitate their successful retention during the construction process. The parameters of the enclosure shall be as directed by the nominated arborist.
2. Except as provided for in conditions below, the area within the temporary protective fencing shall be considered a total exclusion zone. The Requiring Authority and/or its agents shall not:
 - i. Enter into the delineated area without prior consultation and agreement from the nominated arborist;
 - ii. Alter the dimensions of the delineated area without prior consultation and agreement from the nominated arborist;
 - iii. Store diesel, cement, building materials, site huts, spoil, equipment, or machinery within the delineated area;
 - iv. Spill substances likely to be injurious to tree health within seepage distance of the delineated area
3. The temporary protective fencing shall be constructed with a solid face (e.g. plywood or corrugated iron) and attached to a sturdy framework of freestanding scaffolding or posts. It must be constructed to a minimum height of 1.8m and must remain in place for the duration of the Project.

10.13 The nominated arborist shall undertake all necessary trimming and pruning works, including the pruning of tree roots uncovered during excavations. Exposed roots shall be covered and kept moist.

10.14 The nominated arborist shall undertake a tree monitoring program throughout the construction phase, including monitoring of:

- a. The condition repair and location of the temporary protective fencing;
- b. Any excavation within the drip line of Protected Trees;
- c. General tree health; and
- d. Compliance with the conditions of designation by way of fortnightly inspections during the construction period. A copy of the monitoring results from each visit shall be sent to the Auckland City Arborist, with one copy being retained on site by the Project Manager, while a further copy is to be retained by the nominated arborist.

10.15 During the construction process the Requiring Authority shall implement, where practicable, any recommendations made by the nominated arborist on the installation of irrigation systems, mulch, or

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remedial pruning works if they are required to improve tree health.

11. Auckland City Parks and Reserves

11.1 The design of the Victoria Park tunnel shall not preclude undergrounding of the southbound carriageway in the future.

11.2 The design of the Victoria Park tunnel shall not unreasonably preclude surface parks and recreational land uses from locating above it.

11.3 All land owned by the Auckland City Council shall be restored to its pre-construction state, or as otherwise agreed by the Auckland City Council (Manager Property Group) and the Requiring Authority in accordance with the Urban Design and Landscape Mitigation Plan.

11.4 Any structures and associated infrastructure required to be located within Victoria Park to provide emergency access to and egress from the Victoria Park tunnel shall be:

1. Made as unobtrusive as practicably possible, while achieving their necessary functionality;
2. Located in a manner consistent with existing buildings and site features, or otherwise near the periphery of Victoria Park, to the extent practicable;
3. If possible integrated into other Park features or structures;
4. Suitably designed and landscaped to minimise their adverse effects.

11.5 The design and location of any such structures in Victoria Park shall be approved by the Auckland City Council (Group Manager: Community Planning) prior to its construction.

11.6 A site-specific slope stability assessment shall be carried out by a suitably qualified engineer for the southern abutments of the Shelly Beach Road overbridge and Jacob's Ladder Pedestrian Bridge, as well as at any location where Tunnel Project works are within 10m of the St Mary's Bay cliff face. Where a moderate or greater risk of instability is assessed as a result of works on the Project, a slope movement monitoring system shall be installed with site-specific stability criteria and trigger levels. If the slope movement monitoring system observes deformation in excess of specified trigger levels as a result of the Project works, the Auckland City Council (Group Manager: Community Planning) in consultation with Transit New Zealand's nominated contractor shall coordinate the appropriate remedial actions. Where practicable, stabilisation works shall be undertaken in a manner that is sensitive to the natural character and gateway values of this area.

12. Integrated Urban Design and Landscape Mitigation Plan

12.1 The PMP shall include an integrated Urban Design and Landscape Mitigation Plan ("UDLMP") to be provided to the Auckland City Council (Group Manager: Community Planning) prior to or together with the outline plan of works for the Project or relevant Project stage. The UDLMP shall be prepared by a suitably qualified person or persons and shall take into account the following:

1. Transit New Zealand's "Guidelines for Highway Landscaping" (dated September 2002);
2. Transit New Zealand's "Central Motorway Improvements: Urban Design Framework" (dated 6 September 2001); and
3. Transit New Zealand's "Urban Design Implementation Principles" (2006).

12.2 The UDLMP is to be based on the draft "Vic Park Tunnel Urban Design Framework" dated 20 October 2006, prepared for Transit New Zealand by Boffa Miskell Limited, and shall include the following key principles:

1. The importance of the tree-lined St Mary's Bay cliffs as a gateway to Auckland City;
2. The existing landscape values of the area;
3. Treatment of the motorway corridor subject of the notices of requirement in a unified way;
4. The considered and careful use of major structural elements;
5. The design of noise barriers as possible sculptural elements (i.e., well designed, elegant and functional structures) but without detracting from principles 1 and 2 above;

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6. Support for a strong pedestrian experience;
7. Recognition of Maori values, associated with the history of settlement and use of the area, including the connection with Watchmans Island (Motu Ngaengae) and the former pa site on Te To headland.

12.3 The UDLMP shall consist of:

1. The Final Urban Design Framework: The Framework shall depict the overall urban design concept, the design intent, layout and mitigation proposals for key components and areas (or sectors) of the Project, and provide a framework for the design, layout, landscape planting and streetscape measures. The Framework will:
 - i. Be determined in consultation with the Auckland City Council (Group Manager: Community Planning) and relevant iwi (by way of a joint working party);
 - ii. Consider further comments that may be obtained from the Auckland City Council Urban Design Panel (which shall be obtained prior to lodgement of the UDLMP with the Auckland City Council (Group Manager: Community Planning)); and
 - iii. Consider further comments from a stakeholder workshop to which affected parties listed in Appendix 1 to the decision (refer to Plan Modification 32) will be invited.
2. Detailed Design Plans: These plans shall depict landscape and streetscape design elements for the Project, as appropriate, and shall consist of:
 - i. An overall "masterplan" of the Project showing the location and extent of landscape and streetscape improvements and mitigation measures;
 - ii. Where required, detailed concept plans for each sector of the route, including cross-sections and elevations of common and site-specific landscape and streetscape elements.

12.4 Contents of detailed design plans.

1. Streetscape elements to be included in the detailed design plans as described in condition 12.3 (2.) shall include:
 - i. Noise attenuation barriers no greater than 5m in height;
 - ii. Road safety barriers;
 - iii. Retaining walls;
 - iv. External appearance and safety consideration (eg stone-throwers) of tunnel portals, the edges of the tunnel portal approaches, and emergency egress;
 - v. The relocated Birdcage (Rob Roy) Hotel and surrounding Franklin Road precinct;
 - vi. Open space in front of the relocated Birdcage Hotel and between the southern tunnel portal and Franklin Road;
 - vii. Replacement of pedestrian and park facilities displaced by the Project;
 - viii. The new pedestrian footbridge and other new pedestrian facilities proposed by the Project, including those within the St Mary's Bay reserve and Victoria Park;
 - ix. Local road reserves affected by the designation, including Franklin Road, Victoria Street, Beaumont Street, and Fanshawe Street;
 - x. The Fanshawe Street/Beaumont Street intersection and the Victoria Street West/Franklin Road/Union Street intersection, including the following elements:
 - Sensitivity to the safety of pedestrians;
 - Improved pedestrian linkages;
 - Consistency with local traffic plans and requirements;
 - Landscaping and design consistent with the Urban Design Framework which also recognises the setting and context of the surrounding area including significant cultural and historic features (if any);
 - xi. Streetlights and sign gantries;
 - xii. Preservation of the Jacob's Ladder pedestrian route in recognition of that route's historic significance and social value.
2. Landscape elements to be included in the detailed design plans as described in 12.3 (2) shall include the following:
 - i. A plan for the St Mary's Bay Reserve from Shelley Beach Road through to Beaumont Street, developed in

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accordance with the following concepts:

- The final Urban Design Framework;
 - The recognition of the tree-lined St Mary's Bay cliffs as a gateway to Auckland City;
 - The existing high natural character of the area;
 - The importance of good pedestrian linkages including footpaths, boardwalks and the access to the pedestrian overbridge and Jacob's Ladder;
 - The need for ground contouring and landscaping which avoids surface water ponding, where practicable, and that is sensitive to user amenity and safety and the ability to appreciate existing views, having regard to the effects of any noise barriers that are installed;
 - Replacement and replanting of trees affected by the works and noise barrier.
- ii. A plan for the western end of Victoria Park, developed in accordance with the following concepts:
- The Victoria Park Management Plan (2005);
 - The final Urban Design Framework;
 - Recognition of the existing character and design of the Park;
 - The maintenance of a ring of Plane Trees and the location of landscaping features having regard to the amenity of the Park;
 - Public access and use including access ways and recreational activities;
 - Effective and imaginative use of the space directly under the viaduct structure;
 - Minimising the effect of the location and design of any structures and associated infrastructure required for emergency access to or egress from the tunnel;
 - Areas identified for active recreation including re-establishment of existing activities or new activities such as playgrounds etc and associated parking.
- iii. Specific vegetation removal and modification plans showing all scheduled and non-scheduled trees and significant vegetation to be removed/relocated/modified and the landowner(s) involved;
- iv. Specific planting plans showing the trees and vegetation to be retained, all new planting, and a detailed plant list and specifications including number, size and species;
- v. Planting programme - the staging of planting in relation to the construction programme;
- vi. Detailed specifications relating to (but not limited to) the following:
- Vegetation protection (for desirable vegetation to be retained);
 - Weed control and clearance;
 - Ground preparation (topsoiling and decompaction to ensure rapid plant establishment and ongoing vigour);
 - Mulching;
 - Plant supply and planting;
 - Maintenance regime (requirements and programme);
 - Performance standards (for site preparation, plant supply, planting and maintenance).

12.5 Where appropriate, landscape mitigation proposals outside of the designation (e.g. Victoria Park, St Mary's Bay reserve, Westhaven Drive and Point Erin) may be agreed by the Requiring Authority with the appropriate landowner and subsequently implemented.

12.6 In developing the UDLMP consideration shall also be given to:

1. Other measures that may assist the Auckland City Council to promote safety and security for local residents and open space users;
2. Other measures to assist the Auckland City Council to promote a positive pedestrian experience within the Project area, including the development of pedestrian links in Freeman's Bay (Napier Street to the Birdcage Hotel), through Victoria Park and the St Mary's Bay reserve;
3. Cooperating with the Auckland City Council to identify and to provide opportunities to accommodate any stakeholder funded art works;
4. The requirement that Transit's financial commitment to the urban design process is limited to the mitigation of Project-related effects resulting from within its designation.

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12.7 The noise barrier along the St Mary's Bay Reserve shall be designed in accordance with the principles of the Urban Design Framework. This design shall take into account the following considerations:

- The provision of acoustic barriers beside the carriageway to achieve, at a minimum, compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999). Such barriers, where appropriate, shall be transparent.
- Allowing maximum appreciation by southbound motorists of the gateway effect of the tree-lined cliffs;
- Allowing good views of the Westhaven Marina and the Waitemata Harbour from properties on the cliffs and also from the adjacent walkway;
- Making the barrier itself an attractive landscape element;
- The cost, constructability, and the maintenance requirements of the barrier (including cleaning, removal of graffiti and any advertising posters).

12.8 A management and maintenance plan shall be prepared by the requiring authority and implemented for all noise barriers to ensure that, to the extent practicable, the barriers are continually maintained in good condition and free of graffiti and other defacements that may affect the visual amenity of the surrounding areas.

12.9 Prior to planting and throughout the ensuing maintenance period, all weed species declared as plant pests in the Auckland region by the ARC (including Total Control/Containment Pests/Surveillance Pests & Research Organisms) shall be controlled and removed from the designated areas by the requiring authority

12.10 In areas where shrub mixes are used, planting densities shall ensure low canopy coverage has been attained by the end of the maintenance period, which will run for three years following the completion of the construction works.

12.11 Where native plants are used, the composition shall reflect the natural plant associations of the area, and the mixes (where relevant) shall be of suitable richness and diversity to encourage self-sustainability once established. This will require the inclusion of appropriate successional species, including canopy tree species either in the initial planting mix or as enrichment planting.

12.12 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

12.13 Planting areas shall be mulched using suitable weed-free, granular organic mulch. The only exceptions to this shall be where the slopes are too steep to allow for its retention. In such cases a neutral or black coloured biodegradable or photodegradable geotextile is to be used.

12.14 The landscaping shall be implemented in accordance with the UDLMP within the first planting season following the completion of the construction works provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained for the next 3 years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping may be implemented after the first planting season of each stage.

13.Lighting

13.1 Motorway lighting should be designed and screened to minimise the amount of lighting overspill and illumination of residential areas.

AIR QUALITY

14.Dust

14.1 The Requiring Authority shall ensure that the Construction Environmental Management Plan developed for the Project contains measures to control dust, generated during the construction process, in order to minimise dust deposition and nuisance beyond the designation boundaries.

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Contaminated site/odour

14.2 The Requiring Authority shall ensure that the Construction Environmental Management Plan developed for the Project contains appropriate mitigation measures to control offensive odours, generated as a result of the construction process, occurring beyond the designation boundaries.

15. Monitoring and Review

15.1 At least 6 months prior to commencement of construction of the project, an air quality monitoring station is to be established at a site comparable with the station located within the car park of the Victory Christian Church during 2005 / 2006.

1. The station will monitor the following parameters for a period of six months prior to construction of the project commencing:

- i. Fine particulates (PM10) in accordance with the specifications given in the National Environmental Standards, Air Quality;
- ii. Meteorological measurements of wind speed, wind direction and temperature.

2. The station will monitor the following parameters during construction of the project:

- i. Dust, measured as Total Suspended Particulates (TSP) using a continuous particulate monitor equivalent to that used to measure fine particulates prior to construction;
- ii. Meteorological measurements of wind speed, wind direction and temperature.

3. The station will monitor the following parameters for a period of twelve (12) months after completion of construction of the Project:

- i. Fine particulates (PM10), carbon monoxide (CO) and oxides of nitrogen (NOx) in accordance with the specifications given in the National Environmental Standards, Air Quality;
- ii. Meteorological measurements of wind speed, wind direction and temperature.

4. Results of the monitoring in summary form, assessed against the National Environmental Standards, Air Quality and the Auckland Regional Council target values, shall be reported quarterly to the Auckland City Council.

15.2 Prior to commissioning of the air quality monitoring station, Transit will submit a plan to the Auckland City Council (Group Manager: City Planning) detailing how it will comply with condition 15.1 above.

16. Iwi Matters, Archaeological, Heritage

16.1 An Auckland City Council approved and qualified archaeologist and a Kaitiaki monitor approved by Ngati Paoa and Ngati Whatua shall be provided with 7 working days' notice of the commencement of initial earthworks for the Project in relation to each of the tunnel alignment, its approaches, the basement excavation of the Birdcage Hotel and the relocation site for the Hotel in order that they may be present to monitor those activities.

16.2 Detailed protocols for the management of archaeological, koiwi and waahi tapu discoveries shall be developed in conjunction with tangata whenua prior to construction.

16.3 If any koiwi are exposed during site works the following procedures shall apply:

- a. Immediately after it becomes apparent that koiwi have been exposed, all site works in the immediate vicinity shall cease;
- b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched;
- c. The Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust, the Auckland City Council (Group Manager: City Planning) and, where appropriate, the New Zealand Police as soon as possible so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the koiwi until any approval required has been obtained.

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16.4 The Requiring Authority shall develop a methodology and monitoring programme for the relocation and restoration of the Birdcage Hotel (formerly the Rob Roy) to be agreed in writing by the Auckland City Council (Group Manager: City Planning) prior to the works commencing and shall:

- a. Take into account the Conservation Plan undertaken by Matthews and Matthews Architects, dated January 2003, and in particular, the policies and schedule of significant features; and
- b. Include an inventory of those parts of the Birdcage Hotel (interior and exterior) which are proposed to be: left in place and protected during relocation; removed and reinstated; and those to be removed and not reinstated;
- c. Include a schedule of the planned restoration and reinstatement works for the Birdcage Hotel and surrounds (including the forecourt area) and additions to the building as part of the relocation; and
- d. Include regular liaison and consultation with the Auckland City Council (Group Manager: City Planning) and the New Zealand Historic Places Trust during the relocation phase.

16.5 All work concerned with the relocation and restoration of the Birdcage Hotel as approved under Condition 16.4 shall be carried out under the direction of an appropriately qualified architectural conservation specialist, the appointment of whom is to be agreed in advance in writing by the Auckland City Council (Group Manager: City Planning).

16.6 Prior to the commencement of construction activities in the vicinity of the Campbell Free Kindergarten, a Condition (Dilapidation) Report on the structure of the Kindergarten building shall be agreed in writing by the Auckland City Council (Manager Property Group) and shall:

- a. Be prepared by a suitably qualified building certifier;
- b. Make any necessary recommendations for reinforcing the Kindergarten;
- c. Include a definition of the level of effects to be considered 'significant' pursuant to Condition 16.8; and
- d. Include consultation by the requiring Authority with the New Zealand Historic Places Trust.

16.7 Prior to the commencement of construction activities in the vicinity of the Campbell Free Kindergarten, the structure of the Kindergarten building shall be reinforced as per the recommendations of the Condition (Dilapidation) Report of Condition 16.6. This reinforcement work shall be certified by a building certifier familiar with the Condition (Dilapidation) Report and shall be completed, inspected and agreed in writing by the Auckland City Council (Manager Property Group) prior to the Project works commencing.

16.8 During construction, the effects of vibration on the Birdcage Hotel, Campbell Free Kindergarten, Auckland Municipal Destructor and Depot (also known as the Victoria Park Market) and the former Auckland Gas Company buildings in Beaumont Street shall be monitored by the Requiring Authority and the results of the monitoring provided to the Auckland City Council (Group Manager: City Planning). Appropriate action shall be undertaken if the effects of vibration are significant, including any reasonable restoration or reconstruction of any heritage elements of the buildings noted above, and in the event of damage or failure as a direct result of the Project works, at the cost of the Requiring Authority and to the written approval of the Auckland City Council.

16.9 Prior to the commencement of the Project works, recording of the historical significance of the HMNZS Ngapona, including exterior and interior photographic archival documentation, shall be undertaken and a report prepared. This report is to be completed in consultation with the New Zealand Historic Places Trust and the Auckland City Council.

SERVICES

17. Infrastructure Service Networks

17.1 The Requiring Authority shall liaise with the providers of infrastructure service networks including, but not limited to: water, gas, stormwater, wastewater, power and telecommunications, to develop methodologies and timing for necessary services relocation with the objective of minimising disruption to the operation of these networks during construction of the Project.

Advice Notes

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1. The Requiring Authority shall obtain all other necessary consents and permits and comply with all relevant Auckland City Council bylaws, and obtain any approvals under the Reserves Act (where required.)
2. The Requiring Authority shall obtain all necessary resource consents and permits in relation to sediment and stormwater discharges from the Auckland Regional Council.
3. Under the Historic Places Act 1993, an Authority to Modify an Archaeological Site is required from the NZ Historic Places Trust before any work takes place on an archaeological site.
4. All archaeological sites are protected under the provisions of the Historic Places Act 1993. It is an offence under that Act to modify, damage or destroy any archaeological site, whether the site is recorded or not. Application must be made to the New Zealand Historic Places Trust Pouhere Taonga for an authority to modify or destroy archaeological site(s).
5. Some of the land is subject to existing designations and the provisions of Section 177 of the Resource Management Act 1991 apply accordingly.

Attachments

No attachments.

6722 State Highway 16 - Waterview Connection causeway to Patiki Road

Designation Number	6722
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 from the causeway to north of Patiki Road on-ramp, Avondale
Rollover Designation	Yes
Legacy Reference	Designation A07-01D, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

To alter designation A07-01, SH16, causeway and Rosebank Peninsula – NOR2. Alteration to existing designation at Rosebank Interchange and Patiki bridges, including part of Rosebank Park Domain; modifications to land on existing causeway, ancillary safety and operational services, and maintenance, relocation of services, pedestrian and cycleway, landscaping and planting etc.

Conditions

For a complete set of conditions, refer to the Waterview Connection Proposal Board of Inquiry decision titled “Final Report and Decision of the Board of Inquiry into the New Zealand Transport Agency Waterview Connection Proposal - Volume 2” dated June 2011.

General Designation Conditions

DC.1

Except as modified by the conditions below, the works shall be undertaken in general accordance with the information provided by the New Zealand Transport Agency (NZTA being the Requiring Authority), the Notice(s) of Requirement and the supporting documents, and supplementary information provided in evidence. This

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information is summarised as follows:

- (a) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Parts A-E;
- (b) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part F: Plans and Drawings, except as updated through the hearing (Refer Schedule A for current plan and drawing references); and
- (c) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part G: Technical Reports:
 - (i) Technical Report G.1 Assessment of Air Quality Effects
 - (ii) Technical Report G.2 Assessment of Archaeological Effects
 - (iii) Technical Report G.3 Assessment of Avian Ecological Effects
 - (iv) Technical Report G.4 Assessment of Coastal Processes
 - (v) Technical Report G.5 Assessment of Construction Noise Effects
 - (vi) Technical Report G.6 Assessment of Freshwater Ecological Effects
 - (vii) Technical Report G.7 Assessment of Groundwater Effects
 - (viii) Technical Report G.8 Assessment of Herpetofauna Ecological Effects
 - (ix) Technical Report G.9 Assessment of Land and Groundwater Contamination
 - (x) Technical Report G.10 Assessment of Lighting Effects
 - (xi) Technical Report G.11 Assessment of Marine Ecological Effects
 - (xii) Technical Report G.12 Assessment of Operational Noise Effects
 - (xiii) Technical Report G.13 Assessment of Ground Settlement Effects
 - (xiv) Technical Report G.14 Assessment of Social Effects
 - (xv) Technical Report G.15 Assessment of Stormwater and Streamworks Effects
 - (xvi) Technical Report G.16 Assessment of Temporary Traffic Effects
 - (xvii) Technical Report G.17 Assessment of Terrestrial Vegetation Effects
 - (xviii) Technical Report G.18 Assessment of Transport Effects
 - (xix) Technical Report G.19 Assessment of Vibration Effects
 - (xx) Technical Report G.20 Assessment of Visual and Landscape Effects
 - (xxi) Technical Report G.21 Construction Environmental Management Plan (CEMP)
 - (xxii) Technical Report G.22 Erosion and Sediment Control Plan (ESCP)
 - (xxiii) Technical Report G.23 Coastal Works
 - (xxiv) Technical Report G.24 Geotechnical Interpretive Report
 - (xxv) Technical Report G.25 Traffic Modelling Report
 - (xxvi) Technical Report G.26 Operational Model Validation Report
 - (xxvii) Technical Report G.27 Stormwater Design Philosophy Statement
 - (xxviii) Technical Report G.28 Geotechnical Factual Report – 500 Series
 - (xxix) Technical Report G.29 Geotechnical Factual Report – 700 Series
 - (xxx) Technical Report G.30 Assessment of Associated Sediment and Contaminant Loads
 - (xxxi) Technical Report G.31: Technical Addendum Report (September 2010)
- (d) PT & Active Mode Transport Routes Existing and Proposed (Refer Schedule A, Row 22).
- (e) Waterview Connection Project, Evidence and Supplementary Information provided to the Board of Inquiry:
 - (i) Evidence in Chief (Numbers 1-37)
 - (ii) Rebuttal Evidence (Numbers 1-33)
 - (iii) Supplementary Information (Numbers 1-8)

DC.1A

Within 3 months of the designations being confirmed for the Project (or at least 1 month prior to any Auckland Council approvals or certifications required by these Conditions, whichever is the earlier), the NZTA shall update and finalise to the satisfaction of the Major Infrastructure Team Manager, Auckland Council all drawings and Plans cited in Schedule A, and provide a full set of the information and documentation referred to in Condition DC.1 to the Major Infrastructure Team Manager Auckland Council. At the same time the NZTA shall prepare to the satisfaction of the Major Infrastructure Team Leader, Auckland Council, a document for each designation

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which sets out the designation and have attached to it in text format a comprehensive set of the conditions imposed by the Board of Inquiry in its Final Decision as summarised in Schedule B, inclusive of any standard conditions and advice notes.

In particular (but not limited to), the following Plans will need to be amended in light of these Final Conditions:

- (a) F.2 Operational Scheme Plans (refer Schedule A, Row 3) require amendment detailing the amended location of the ventilation stacks and southern ventilation buildings;
- (b) F.5 Construction Scheme Plans (refer Schedule A, Row 4) require amendment to detail changes to the construction footprint for the amended location of the ventilation stacks and southern ventilation buildings and reconfiguration of Construction Yard 1);
- (c) F.6 Construction Yard Plans 101 and 107 (refer Schedule A, Row 7), detailing amendments to the Construction Yard 1 in light of the reconfiguration of this Yard and for Construction Yard 7 in light of the relocation of the northern ventilation stack (refer Schedule A, Row 34);
- (d) F.8 Plans of Structures and Architectural Features (refer Schedule A, Row 9), detailing the amended location of the northern ventilation stack and the design and location of the southern ventilation building and stack;
- (e) The CNVMP (including flow diagram and the supplementary evidence produced by Ms Wilkening) (refer Schedule A, Rows 36, 37 and 39);
- (f) The areas of the Open Space Restoration Plans (Schedule A, Row 30) to:
 - (i) Extend these areas in geographic extent to provide for the works identified in the Management Plan notations identified in the OS Conditions (in particular OS.5 and OS.6) (e.g. these areas will (as relevant) include Eric Armishaw Park, Howlett Reserve and Waterview Esplanade Reserve); and
 - (ii) Exclude the operational area of designation required for the northern ventilation stack (as identified through the OPW process (refer Condition DC.8); and
- (e) Schedule A, Row 28 the Plan detailing proposed open space impacts and replacements needs to be updated to recolour the two land parcels on Hendon Avenue (which are excluded from the replacement calculations) to 'brown' to confirm they are part of the operational impact and will not be returned as open space.

DC.2

The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

DC.3

The NZTA shall update and finalise the relevant Construction and Operational Management Plans required under these conditions to ensure compliance with the designation conditions imposed by the Board of Inquiry. The relevant Management Plans shall be submitted to the Major Infrastructure Team Manager, Auckland Council within the timeframes specified in the following conditions. No works shall be undertaken until the relevant management plans have been finalised and certified or approved in accordance with the relevant conditions.

DC.4

Any Management Plans submitted to the Major Infrastructure Team Manager, Auckland Council for approval or certification may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted shall clearly show the integration with adjacent stages and interrelated activities.

DC.5

In the event of any dispute, disagreement or inaction arising as to any Auckland Council Manager certification/ approvals required by the designation conditions, or as to the implementation of or monitoring required by the conditions, matters shall be referred in the first instance to the NZTA Regional State Highway Manager and to the Resource Consents Manager, Auckland Council to determine a process of resolution. If a resolution cannot be agreed, then the matter may be referred to an independent appropriately qualified expert, agreeable to both parties, setting out the details of the matter to be referred for determination and the reasons the parties do not

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agree. The independent appropriately qualified expert shall be appointed within 10 working days of the NZTA or Auckland Council giving notice of their intention to seek expert determination. The expert shall, as soon as possible, issue his or her decision on the matter. In making the decision, the expert shall be entitled to seek further information and hear from the parties as he or she sees fit.

Advice note: The dispute resolution process provided for in this condition does not prejudice any party's right to take enforcement action in relation to the implementation of the designation conditions. However, the dispute resolution process will be applied before any formal enforcement action is taken by the Council, except in urgent situations.

DC.6

Except for Conditions DC.7, DC.8 and DC.9, the NZTA shall be exempt from providing an Outline Plan of Works for the Project, as provided for in Section 176A (2)(a) and (b) of the RMA.

Advice note: The Construction and Operational Management Plans, together with the provision of detailed drawings required by Condition DC.1(b) are considered sufficient detail in all aspects of the Project, with the exception of proposed works for the northern and southern ventilation buildings and stacks where further details are required.

DC.10

The NZTA shall give notice to the Manager Regional and Local Planning, Auckland Council in accordance with Section 182 and 181 respectively of the RMA for:

(a) Within six months of the State highway opening (being operational), removal of those parts of the designation that are not required for the long term operation, maintenance and mitigation of effects of the State highway.

Note: this condition is specific to land no longer required for construction purposes once the Project is completed and includes the land of 6 Barrymore Road, refer Condition OS.17.

(b) The designation to be altered to remove those conditions no longer required for long term operation and maintenance of the Project.

DC.12

Unless otherwise provided for by Condition RC.2, if any monitoring required to be undertaken by any party by the designation conditions indicates non-compliance with any designation condition, the NZTA must provide written notice to the Major Infrastructure Team Manager Auckland Council as soon as it becomes aware of same, stating the following:

(a) A description of the non-compliance; and

(b) The measures NZTA proposes for addressing the non-compliance, including any additional mitigation measures.

Subject to the Council's approval, the NZTA must implement the additional mitigation measures to address the non-compliance.

DC.13

Pursuant to Section 36(1)(d) of the RMA, the requiring authority is required to pay to Auckland Council any administrative charge for the carrying out by the local authority of its functions in relation to the administration, monitoring, and supervision of designation conditions.

DC.14

The servants of agents of Auckland Council shall be permitted to have access to relevant parts of the Project at all reasonable times for the purpose of carrying out inspections, investigations, tests, measurements and/or to take samples.

Construction Environment Management Plan Conditions

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CEMP.1

Except where provided for in Condition CEMP.1A below, the NZTA shall update and finalise the draft Construction Environmental Management Plan (CEMP) including all the Management Plans which form part of the CEMP and are included as appendices, submitted with this application to ensure compliance with the consent and designation conditions imposed by the Board of Inquiry. The CEMP shall be provided to the Major Infrastructure Team Manager, Auckland Council for review at least 20 working days prior to the commencement of works to certify compliance and consistency with the conditions. Construction shall not commence until certification is obtained.

Advice note: For clarity the CEMP will be updated and finalised in accordance with the conditions. Any amendments will be limited to reflecting the requirements of the conditions, specifying personnel, and completing the Environmental Risk Register.

Advice note: Particular care must be taken with development and operation of Construction Yard 7. When the CEMP is being updated and finalised, consideration must be given to the contents of the draft SSCOMP prepared for Construction Yard 7 (Row 41, Schedule A) recognising changes required by inclusion of the ventilation stack in this yard.

CEMP.2

The certification process of the CEMP (and its appendices) shall confirm that the CEMP gives effect to the relevant conditions, as well as those matters in CEMP.6, and that it includes details of:

- (a) Staff and contractors' responsibilities;
- (b) Training requirements for employees, sub-contractors and visitors;
- (c) Environmental incident and emergency management;
- (d) Communication and interface procedures (in accordance with the Communication Plan required under Condition PI.2);
- (e) Environmental complaints management (including the procedures required under Condition PI.4);
- (f) Compliance monitoring;
- (g) Reporting (including detail on the frequency of reporting to the Auckland Council);
- (h) Environmental auditing; and
- (i) Corrective action.

CEMP.3

The management of key environmental effects associated with the construction phase of the Project is detailed within environmental management plans that are included in the CEMP as appendices. This suite of management plans as shown on Figure CEMP.A comprises:

- (a) Construction Noise and Vibration Management Plan (CNVMP);
- (b) Construction Air Quality Management Plan (CAQMP);
- (c) Erosion and Sediment Control Plan (ESCP);
- (d) Temporary Stormwater Management Plan (TSMP);
- (e) Ecological Management Plan (ECOMP);
- (f) Groundwater Management Plan (GWMP);
- (g) Settlement Effects Management Plan (SEMP);
- (h) Contaminated Soils Management Plan (CSMP);
- (i) Hazardous Substances Management Plan (HSMP);
- (j) Archaeological Site Management Plan (ASMP);
- (k) Construction Traffic Management Plan (CTMP);
- (l) Concrete Batching and Crushing Plant Management Plan (CBCPMP);
- (m) Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP) (to be prepared in accordance with Condition CEMP.15);
- (n) Waste Management Plan (to be prepared in accordance with Condition CEMP.10); and
- (o) Temporary Construction Lighting Management Plan (to be prepared in accordance with Condition L.2).

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CEMP.4

The CEMP shall be implemented and maintained throughout the entire construction period.

CEMP.5

A copy of the CEMP shall be held on each construction site at all times and be available for inspection on request by the Auckland Council.

CEMP.6

The finalised CEMP shall include specific details on demolition, construction and management of all works associated with the Project. The certification process of the CEMP shall confirm that the CEMP includes details of the following:

- (a) Details of the site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) The location of large notice boards that clearly identify the NZTA and the Project name, together with the name, telephone, email address and address for service of the site or Project manager and the community liaison person;
- (c) An outline construction programme of the work indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- (d) The hours of work, which should reflect the need to ensure that residents enjoy reasonable freedom from noisy or intrusive construction activity in their neighbourhood at night, on Sundays and during public holidays;
- (e) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/ storage of rubbish, storage and unloading of building materials and similar construction activities;
- (f) Location of worker's offices and conveniences (e.g. portaloos);
- (g) Procedures of controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- (h) Methods to stabilise ingress and egress points to construction sites, to the standard required by ARC Technical Publication 90 (Nov 2007);
- (i) Procedures for ensuring that residents within 100m of construction areas or other people whose use of an area may be disrupted by construction works (for example the Te Atatu Boating Club for works on the Whau River) are given notice of the commencement of construction activities and are informed about the expected duration of the works, including potentially through the community liaison person;
- (j) Procedures to be followed to ensure that those working in the vicinity of identified heritage and ecological features are aware of the heritage or ecological values of these features and the steps which need to be taken to meet the conditions applying to work on the site;
- (k) Means of ensuring the safety of the general public;
- (l) Procedures for the community liaison person to receive and respond to complaints about construction activities, including dust and odour from the works;
- (m) Methods of mitigating the local and network wide effects of construction of individual elements of the Project, including measures to ensure that parking of staff vehicles on surrounding streets is restricted;
- (n) All temporary boundary/ security fences shall be maintained in good order, with any graffiti removed as soon as possible;
- (o) Confirmation of a Project Arborist and completion of a STEM assessment of the preliminary list of Amenity Trees in Schedule E.7 of the AEE to confirm the final Amenity Trees; and
- (p) The process to minimise removal of Amenity Trees, maximise the protection of those retained, undertake relocation of Amenity Trees and replacement planting of specimen trees (in accordance with Conditions LV.10 and ARCH.9)).
- (q) Advice note: For the purposes of CEMP.6(o) and (p), Amenity Tree is defined as a tree or trees that contribute significantly to amenity, taking into account its form, size, health, ecological or historical significance (a preliminary list of these trees is provided in Appendix E.7 of the AEE).

CEMP.7

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The layout of the 12 Construction Yards, including associated buildings, fencing and site access shall be developed in accordance with Waterview Connection Project Construction Yards Plans (Refer Schedule A, Row 7). The layout drawings shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to the occupation of the yard, for review and certification that the final layout of the construction yards is in accordance with the conditions. The layout drawings shall incorporate the following:

- (a) The main access to the construction yards to be located as far as practicable from residential dwellings, taking into account site and public safety and environmental constraints, in the locations shown on Waterview Connection Project Construction Yards Drawings (Refer Schedule A, Row 7);
 - (b) Noisy construction activities to be located as far as practicable, and preferably no less than 100m, from residential dwellings; Construction of temporary boundary/ security fences to be undertaken in a manner which minimises impacts on existing trees;
 - (c) Temporary acoustic fences and visual barriers;
 - (d) Temporary buildings greater than 8 metres in height to be located in a position which minimises visual impact on adjacent residential dwellings; and
- Location of workers' and Project vehicle parking.

CEMP.8

All storage of material and equipment associated with the construction works shall take place within the boundaries of the designation.

CEMP.9

Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the roads during the site preparation and construction phase of the Project. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standards as existed prior to such damage at no cost to the Auckland Council.

CEMP.10

The NZTA shall finalise and implement the Hazardous Substances Management Plan (HSMP), through the CEMP (as per Condition CEMP.1), submitted with this application, prior to works commencing on site. The certification process of the CEMP shall confirm that the HSMP clearly identifies the requirements for proper storage, handling, transport and disposal of hazardous substances during the construction phase of the Project and confirm that there shall be no storage of explosives on the Project site.

CEMP.11

The NZTA shall develop and implement a Waste Management Plan in accordance with the waste management principles, controls and methods set out in the CEMP. The Plan shall be provided to the Major Infrastructure Team Manager, Auckland Council and be implemented throughout the entire construction period.

CEMP.12

The CEMP shall be reviewed by the NZTA at least annually or as a result of a material change to the Project.

The review shall take into consideration:

- (a) Compliance with designation and consent conditions;
- (b) Any changes to construction methods;
- (c) Key changes to roles and responsibilities within the Project;
- (d) Changes in industry best practice standards;
- (e) Changes in legal or other requirements;
- (f) Results of inspections, monitoring, incidents, corrective actions, internal or external assessments; and
- (g) Public complaints.

A summary of the review process undertaken shall be kept by the NZTA, provided annually to the Major Infrastructure Team Manager, Auckland Council and made available (with any related data) to the Auckland Council upon request.

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CEMP.13

Following the review process (as described in Condition CEMP.12), the CEMP may require updating. Any material change proposed to the CEMP (including appended Management Plans) shall be submitted for approval to the Major Infrastructure Team Manager, Auckland Council at least 10 working days prior to the proposed changes taking effect.

Advice Note:

Material change will include amendment to any base information informing the CEMP or any process, procedure or method of the CEMP (such as the environmental constraints map, compliance monitoring process, complaints procedure or mitigation / remedial methods identified) which has the potential to increase adverse effects on a particular value. For clarity changes to personnel and contact schedules do not constitute a material change.

CEMP.14

The CEMP shall include, as an appendix, an Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP). The EISDCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council, and include:

(a) Methods and measures:

(i) To ensure that the existing high voltage infrastructure can be accessed for maintenance at all reasonable times, or emergency works at all times, during and after construction activities.

(ii) To appropriately manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear, to the overhead transmission lines

(iii) To ensure that no activity is undertaken during construction that would result in ground vibrations and/or ground instability likely to cause material damage to the transmission lines, including support structures.

(iv) To ensure that changes to the drainage patterns and runoff characteristics do not result in adverse effects from stormwater on the foundations for any high voltage transmission line support structure.

(b) Sufficient detail to confirm that new planting and maintenance of vegetation will comply with the New Zealand Electricity (Hazard from Trees) Regulations 2003, including, but not limited to, the provisions of Schedule (Growth Limit Zones) to those Regulations.

(c) Sufficient detail to confirm that the works will comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001), including, but not limited to, the provisions of:

(i) Clause 2.2 with respect to excavations near overhead support structures;

(ii) Clause 2.4 with respect to buildings near overhead support structures;

(iii) Section 3 with respect to minimum separation between buildings and conductors;

(iv) Section 5 with respect to minimum safe distances for the operation of mobile plant; and,

(v) Table 4 with respect to minimum safe separation distances between the ground and the overhead conductors.

(d) Confirmation that Transpower has been provided a copy of the EISDCMP for their review at least 20 working days prior to construction.

Advice note: With respect to clause (c), specific consideration must be given to the height and location of temporary structures (such as Project offices and other construction site facilities) and permanent structures (such as lighting poles, signage, gantries and acoustic barriers).

CEMP.15

The NZTA will be responsible for all service relocations required for construction of the Project. The NZTA shall liaise with the providers of infrastructure service networks (including, but not limited to water, gas, stormwater, wastewater, power and telecommunications), and private property owners with on-site services to develop methodologies and timing for necessary services relocation required for the Project, with the objective of minimising disruption to the operation of these service networks and onsite services.

Advice note:

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(a) It is noted that if separate consents are required for relocations for any services of network utility operators or landowners, such consents will be obtained before construction commences in the relevant area, and any effects of those relocations would be considered at that time. The same applies to any alteration of consents if required.

(b) Network infrastructure owned and operated by Watercare Services is located within the designations. An operating agreement will be developed by the NZTA and Watercare Services which will include appropriate notification and access protocols where works are to be undertaken by either network operator on or adjacent to Watercare Services infrastructure within the designations.

Public Information Conditions

PI.1.

A community liaison person shall be appointed by the NZTA for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the Project. The liaison person's name and contact details shall be made available in the CEMP and on site signage by the NZTA. This person must be reasonably available for on-going consultation on all matters of concern to affected parties arising from the Project.

PI.2.

The NZTA shall prepare and implement a Communications Plan that sets out procedures detailing how the public, Ministry of Social Development, Housing New Zealand Corporation and other organisations representing the particular demographic characteristics of the community (including but not limited to Primary Health Organisations, general practitioners, youth, education organisations, aged care groups and groups representing ethnic and migrant communities) will be communicated with throughout the construction and monitoring periods (as prescribed in the designation and consent conditions).

In preparing the Communications Plan, the NZTA will liaise with Auckland Council to access its community liaison databases. The Communications Plan will include details of:

- (a) The site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) In accordance with these Conditions, the database of the key construction activities and monitoring requirements that are the subject of the Communications Plan;
- (c) The database of stakeholders and residents who will be communicated with;
- (d) Communication methods, an assessment of how these methods reach the different audience/ stakeholder groups (including those methods set out in Condition CEMP.6), and detail on when each of these methods will be used (e.g. regular communication or event specific methods);
- (e) The appointed specialist in Environmental and Occupational Medicine, including contact details (as per Condition SO.13);
- (f) Any stakeholder specific communication plans required; and
- (g) Monitoring and review procedures for the Communications Plan.

The Communications Plan shall be written in accordance with the external communication procedures set out in the CEMP and provided at least 20 working days prior to construction commencing, to the Major Infrastructure Team Manager, Auckland Council, Working Liaison Group and the Community Liaison Group(s) established by Condition PI.5. The structure of the communication groups set out in these conditions is attached as Figure PI.A.

PI.3.

At least 15 working days prior to the commencement of construction, and at 15 working day intervals thereafter, or as required depending on the scale of works and effects on the community, advertisements will be placed in the relevant local newspapers and community notice boards (as identified in Condition CEMP.6(b)) detailing the nature of the forthcoming works, the location of the forthcoming works and hours of operation. All advertisements will include reference to a 24 hour toll free complaints telephone number. Where relevant, advertisements will also include but not be limited to details of:

- (a) Any traffic disruptions or controls or changes to property access, pedestrian/ cycle routes and bus stops;

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and

(b) Any other construction activities, including night time works, blasting, and structure-borne noise, as identified in the conditions.

PI.4.

The NZTA shall manage, investigate and resolve (as appropriate) all complaints for the duration of the construction works in accordance with the environmental complaints section of the CEMP. The implementation strategy for complaints includes:

- (a) A 24 hour toll free telephone number and email address, which shall be provided to all potentially affected residents and businesses. The number shall be available and answered at all times during the entire duration of the works for the receipt and management of any complaints. A sign containing the contact details shall be located at each site specific work activity;
- (b) The NZTA shall maintain a record of all complaints made to this number, email or any site office, including the full details of the complainant and the nature of the complaint;
- (c) Upon receiving a complaint, within 10 days of complaint receipt, a formal written response will be provided to the complainant and Auckland Council;
- (d) The NZTA shall undertake corrective action where necessary to resolve any problem identified. All action taken and relevant information shall be documented. For the avoidance of doubt, 'where necessary' refers to where the works are not being carried out in accordance with conditions of this designation;
- (e) Where issues and complaints about effects cannot be resolved through the CEMP complaints management process, a meeting shall be held between the NZTA, the complainant and the Auckland Council representative(s) to discuss the complaint and ways in which the issue may be resolved. If parties cannot agree on a resolution, an independent qualified mediator will be appointed, agreeable to all parties and at the shared cost of all parties, to undertake mediation of the dispute or concerns; and
- (f) All information collected in Conditions PI.4 (b), (c) and (d) shall be detailed in a Construction Compliance Report (including the means by which the complaint was addressed, whether resolution was reached and how the response was carried out) prepared by the NZTA. This Report shall be submitted to the Major Infrastructure Team Manager, Auckland Council on a quarterly basis commencing at the beginning of the works and for the entire duration of construction.

PI.5.

The NZTA shall establish Community Liaison Group(s) at least two months prior to construction commencing in each of the following key construction areas:

- (a) Te Atatu (including the SH16 Causeway)
- (b) Waterview (including works to St Lukes on SH16 and on the Waterview Estuary and Causeway Bridges)
- (c) Owairaka

and hold regular meetings (at least three monthly) throughout the construction period and up to 24 months following construction completion relevant to these areas (or less if the members of the Group agree), so that on-going monitoring information can continue to be disseminated.

The Community Liaison Group(s) shall be open to all interested parties within the Project area including, but not limited to the following groups:

- (a) Auckland Council and Auckland Transport;
- (b) Educational facilities within the Project area (including schools, kindergartens, childcare facilities and Unitec Institute of Technology);
- (c) Relevant community/ environmental groups (including but not limited to Friends of Oakley Creek, Star Mills Preservation Group, Cycle Action Auckland and representatives from those organisations identified in the Communications Plan (as required by Condition PI.2) and local residents;
- (d) Department of Conservation;
- (e) Local Boards;
- (f) Iwi groups with Mana Whenua;
- (g) Public transport providers; and

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(h) Housing New Zealand Corporation.

Advice note: The purpose of the Community Liaison Group(s) is to provide a regular forum through which information about the Project can be provided to the community, and an opportunity for concerns or issues to be raised.

PI.6.

The Community Liaison Group(s) shall be provided opportunities to review and comment on the following (amongst other things):

- (a) The Outline Plan of Works detailing designs for the northern and southern ventilation buildings and stacks (the outcomes of this consultation will be reported in accordance with the processes required in DC.8(n) and DC.9(k);
- (b) The Open Space Restoration Plans (as required by Condition OS.3);
- (c) Finalisation and amendment to Urban Design and Landscape Plans (UDL Plans) (as required by Condition LV.1);
- (d) The Oakley Inlet Heritage Plan (as required by Conditions OS.5(b)(i) and ARCH.6);
- (e) The detail of the Oakley Creek restoration (as required by Condition STW.20);
- (f) Publicly available results of environmental monitoring as required by the designation and/or these Consents (e.g. air quality monitoring); and
- (g) The finalisation of the STEM assessment required by CEMP.6(o) and a schedule of trees that are required to be removed for consideration of timber use in heritage projects as required by Condition SO.7.

Advice Note: Attention is drawn to the Vegetation conditions concerning identification and protection of Significant Vegetation and Valued Vegetation.

(h) Detailed design features of the Te Atatu underpass (e.g. lighting and architectural treatment).

Temporary Traffic Conditions

TT.1

The NZTA shall update and finalise the Construction Traffic Management Plan (CTMP) submitted with this application, in accordance with these conditions, and implement it through the CEMP.

In finalising the CTMP, the NZTA shall:

- (a) Provide simulation modelling demonstrations to better understand the effects of construction of the Project on the affected road network;
- (b) Include measures to avoid road closures and restrictions of vehicle, bus, cycle and pedestrian movements;
- (c) Where road closures or restrictions cannot reasonably be avoided the particular vulnerabilities and sensitivities of pedestrian diversions and restricted conditions shall be taken into account in the planning of any closures or restrictions.

TT.2

The CTMP shall require the development of Site Specific Traffic Management Plans (SSTMPs) and their approval by the Traffic Management Project Governance Group (as defined by the CTMP), for each construction activity that may affect traffic or transportation infrastructure and services. The SSTMPs shall be provided to the Traffic Management Coordinator(s) for the relevant Road Controlling Authority at least 10 working days prior to each construction activity.

TT.3

Each SSTMP shall describe the measures that will be undertaken to avoid, remedy or mitigate the local and network wide effects of construction of the Project. In particular, the SSTMP shall include the following matters:

- (a) Traffic management measures to address and maintain, traffic capacity, including bus services, at peak traffic periods during weekdays (6:00 to 9:00 and 16:00 to 19:00) and peak traffic periods at weekends (including Te Atatu Road, Great North Road and Richardson Road);
- (b) Methods to manage the effects of traffic during construction including the requirement to detour or divert

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traffic. These methods shall seek to avoid, remedy or mitigate effects on access to and from businesses and other organisations in the area;

(c) Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;

(d) Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (e.g. intersections/ overbridges) and the use of staging to allow sections of the Project to be opened to the traffic while other sections are still under construction;

(e) Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks) during construction;

(f) Any routes where construction traffic movements will be restricted (either for particular times for construction periods);

(g) Measures to maintain existing vehicle access, as far as practicable, or where the existing property access is to be removed or becomes unsafe as a result of the construction works, measures to provide alternative access arrangements in consultation with the Auckland Council and the affected landowner; and

(h) Measures to maintain pedestrian and cycle access with thoroughfare to be maintained on all roads and footpaths adjacent to the construction works, where practicable (e.g. unless provision of such access is severed by the works or such access will become unsafe as a result of the construction works). Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours. (This Condition does not act as a qualification to the commitment to maintain access to open space and education facilities, as required in Condition OS.13).

TT.4

The SSTMPs shall include traffic management measures developed in consultation with the Auckland Transport, Bus and Coach Association and the Auckland Council, to address and maintain, where practicable, existing levels of service for buses particularly at peak periods (6:00 to 9:00 and 16:00 to 19:00) on weekdays.

TT.5

The NZTA shall consult with the Traffic Operations Manager, Auckland Transport with regard to the most appropriate means for providing access on Council roads within and adjacent to the designation. The NZTA shall also coordinate and consult directly with the proponents of any major construction or major traffic generating event occurring concurrently with, and in the vicinity of the Project.

TT.6

The SSTMPs shall include measures developed in consultation with Auckland Transport to, as far as practicable, enable continued public walking and cycling passage along the existing Northwestern Cycleway (between Te Atatu Interchange and St Lukes Interchange) and along Great North Road and the public walkway along Oakley Creek, with any interruptions being as short as feasible.

TT.7

The NZTA shall undertake construction works so as to avoid significant long duration impacts or the full closure of Te Atatu Road for all road users heading to or from the Te Atatu Peninsula and to ensure that access for emergency service vehicles is maintained.

TT.8

The NZTA shall restrict construction truck movements during peak hours (6:00 to 9:00 and 16:00 to 19:00) on weekdays and during the peak periods at the weekends to avoid the following:

(a) Te Atatu Road Interchange, during both morning and afternoon peak hours

(b) Great North Road Interchange, city bound during the morning peak hours

(c) Great North Road Interchange, west bound onto SH16 and southbound onto Great North road during the afternoon peak.

Construction truck movements during these hours shall only be allowed under exceptional circumstances agreed in advance with the Traffic Management Project Governance Group.

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TT.9

The NZTA shall maintain at least the existing active traffic lane configuration capacity on SH16, at the Te Atatu Interchange area, Te Atatu Road, Richardson Road and on Great North Road during peak periods being 6:00 to 9:00 and 16:00 to 19:00 on weekdays and during the peak periods on weekends, for the duration of the temporary construction programme.

TT.10

The NZTA shall monitor the impact of construction traffic in terms of traffic speeds and volumes on SH16, Great North Road, Te Atatu Road and Richardson Road throughout the construction period to confirm the expected traffic effects as set out in the Temporary Traffic Assessment (Technical Report G.16) submitted with this application.

(a) This monitoring will be undertaken on a daily, weekly and monthly basis; and

(b) Monitoring results will be made available to the Traffic Operations Manager, Auckland Transport on request.

TT.11

If monitoring undertaken pursuant to Condition TT.10 indicates that traffic volumes or traffic conditions are significantly different from those expected, the SSTMPs will be reviewed and as appropriate amended to the satisfaction of the Traffic Management Project Governance Group.

Operational Traffic Conditions

Integration with Local Road Network

OT.1

The NZTA shall prepare in collaboration with Auckland Transport a Network Integration Plan (NIP) for the Project, or relevant Project phases, to demonstrate how the Project integrates with the existing local road network and with future improvements (identified in the Western Ring Route (Northwest) Network Plan) planned by the Auckland Council. The NIP shall include details of proposed physical works at the interface between the State highway and the local road network, and shall address such matters as pedestrian/ cycle ways, lane configuration, traffic signal co-ordination, signage and provision for buses

In addition, the NIP will address:

(a) The commitment of the NZTA to progress bus priority measures northbound on Great North Road as part of the reinstatement of Great North Road, as proposed by Auckland Transport and indicated on the Plans Great North Road Option 1 Proposed Road Marking (Schedule A, Row 33), subject to the agreement with Auckland Transport;

(b) How the works committed to by the NZTA for pedestrian and cycle ways, as detailed in the PT and Active Mode Transport Routes Plan Set (Condition DC.1(d) (refer Schedule A, Row 22)), integrate with pedestrian and cycle ways on the wider transport network;

(c) The Richardson Road Bridge, which shall be designed in general accordance with the structural plans (Schedule A, Row 9) and the commitment of the NZTA to provide a 2m footpath on Richardson Road Bridge, subject to confirming appropriate bus stop locations with Auckland Transport;

(d) Integration of the works proposed on Te Atatu Road to appropriately transition between the Waterview Connection Project and any projects being progressed by Auckland Transport;

(e) Opportunities to review traffic signal timings at the Te Atatu Interchange with a view to minimising delays to all users, including cyclists on the SH16 cycle way; and

(f) The commitment of the NZTA to provide for cycle “aspects” (cycle signal lights) at the Great North Road Interchange.

(g) As part of detailed design at the Te Atatu Interchange, the installation of underpasses and/or overbridges, provided however that should some not prove feasible in civil or traffic engineering design terms, the installation of coordinated traffic signal operation for cyclists on the north-western cycleway by means of synchronised cycle lights which seek to reduce delays for cyclists.

Works identified in the NIP which are the responsibility of the NZTA, will be undertaken as at the time of construction works for the Project.

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Noise and Vibration Conditions – Construction

CNV.1

The NZTA shall finalise and implement through the CEMP, a Construction Noise and Vibration Management Plan (CNVMP) throughout the entire construction period of the Project.

The CNVMP shall describe the measures adopted to meet:

- (a) the noise criteria set out in Conditions CNV.2 and 3 below;
- (b) the vibration criteria set out in Condition CNV.4 below; or
- (c) where (a) or (b) cannot be met, the process that will be followed to appropriately mitigate noise and vibration effects including methods that may be applied outside the designation.

The CNVMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CNVMP, as a minimum, addresses the following:

- (i) Construction noise and vibration criteria (Conditions CNV.2, CNV.3, and CNV.4);
- (ii) Hours of operation, including times and days when noisy and/or vibration inducing construction activities would occur;
- (iii) Machinery and equipment to be used;
- (iv) Vibration testing of equipment to confirm safe distances to buildings prior to construction;
- (v) Preparation of building condition surveys of critical dwellings prior to, during and after completion of construction works;
- (vi) Roles and responsibilities of personnel on site;
- (vii) Construction operator training procedures;
- (viii) Methods for monitoring and reporting on construction noise and vibration;
- (ix) A hierarchy of mitigation options that will be assessed for the Project noise mitigation, including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved;
- (x) Management schedules containing site specific information;
- (xi) Measures for liaising with and notifying potentially affected receivers of proposed construction activities and the potential for noise and vibration effects, specifically:
 - PPFs located within a horizontal distance of 35 metres of underground excavation works, along the tunnel alignment shall receive prior notification not greater than 7 days (and not less than 24 hours) prior to the commencement of works.
 - Methods for ensuring residents affected by night works (within 100m of the construction site night works, as defined on the maps (refer Schedule A, Row 35) are notified of such works (i.e. any works during the hours of 20:00 to 06:30) at least 5 days prior to the commencement of any such work.
 - The maps showing PPFs to be notified of night works (refer Schedule A, Row 35, shall be reviewed and included within the CNVMP.
- (xii) Methods for receiving and handling complaints about construction noise and vibration;
- (xiii) Measures for preventing the occurrence of rogue fly rock, including management of charge weights and face loading procedures, stemming of charge holes and profiling of the face to maintain minimum burden (face cover);
- (xiv) Investigations on the practicability of implementing permanent noise mitigation works for construction mitigation (as per Condition CNV.7);
- (xv) Investigations of the practicability of implementing Building Modification mitigation, as required in accordance with Conditions ON.6 and ON.11, prior to commencement of construction within 100m of the relevant PPFs (including those on the Unitec site); and
- (xvi) The process for developing Site Specific Noise Management Plans (SSNMP), in accordance with the SSNMP Flow Chart (refer Schedule A, Row 36), including templates and a certification process for the Major Infrastructure Team Manager, Auckland Council (in accordance with Condition CNV.13) to confirm the process of SSNMP review of noise mitigation options where, the modelled/predicted levels or subsequent actual levels exceed the criteria in Conditions CNV.2 and/or CNV.4.

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CNV.2

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction noise (excluding noise from blasting Monday to Saturday inclusive) shall be measured and assessed in accordance with NZS 6803:1999 "Acoustics - Construction Noise" and shall comply with the following criteria:

Note: In Condition CNV.2 (T) means a duration between 15 minutes and 60 minutes, in accordance with NZS6803:1999.

(a) Project Construction Noise Criteria: Residential Receivers

Time of Week	Time period	Project Construction Noise Criteria (Long Term Construction) dB		
		Sectors 1-7	Sectors 8-9	All Sectors
		LAeq(T)	LAeq(T)	LAeq(T)
Monday- Saturday	0630-0730	60	45	75
	0730-1800	70	70	85
	1800-2000	65	65	80
	2000-0630	60	45	75
Sundays and Public Holidays	0630-0730	45	45	75
	0730-1800	60	45	85
	1800-2000	45	45	75
	2000-0630	45	45	75

(b) Project Construction Noise Criteria: Commercial and Industrial Receivers

Time Period	Project Construction Noise Criteria (Long Term Construction) dB
	LAeq(T)
0730-1800	70
1800-0730	75

(c) Project Construction Noise Criteria: Internal Structure-borne Noise from tunnelling for Residential Receivers

Time Period	Project Construction Noise Criteria Inside	
0600-2200	35 dB LAeq(T)	All habitable rooms
2200-0600	30 dB LAeq(T)	Bedrooms

(d) Project Construction Noise Criteria: Internal noise for Licensed Educational Facilities

Time Period (School Days)	Project Construction Noise Criteria Inside	
Teaching Hours	45 dB LAeq(T)	Classrooms, library, offices, teaching, laboratories, manual arts, workshops
Teaching Hours	40 dB LAeq(T)	School hall, lecture theatres

Note: In Condition CNV2(d) "Teaching hours" means: Primary schools and Kindergartens: 9am to 3pm Unitec: 8am to 9pm

CNV.4

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction vibration received by any building shall be measured and assessed in accordance with the German Standard DIN 4150-3:1999 "Structural vibration – Part 3: Effects of vibration on structures", and shall comply with the criteria set out as follows:

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Type of Structure	Short-term vibration			Long-term vibration	
	PPV at the foundation at a frequency of				
	1-10 Hz (mm/s)	1-50 Hz (mm/s)	50-100 Hz (mm/s)	PPV at horizontal plane of highest floor (mm/s)	PPV at horizontal plane of highest floor (mm/s)
Commercial/Industrial	20	20-40	40-50	40	10
Residential/School	5	5-15	15-20	15	5
Historic or Sensitive structures	3	3-8	8-10	8	2.5

CNV.5

Notwithstanding Condition CNV.3 above,

(a) Blasting activities shall be conducted so that 95% of the blasts undertaken (measured over any twenty blasts on the foundation of any building outside the designation boundary) shall produce peak particle velocities not exceeding 5mm/s and 100% of the blasts undertaken shall produce peak particle velocities not exceeding 10mm/s irrespective of the frequency of the blast measured.

(b) Construction activities, which occur within Sectors 1, 6, 8 and 9 which are identified in Technical Report no. G.19 Assessment of Vibration Effects, as being at a 'High Risk' of exceeding the DIN 4150-3:1999 criteria (being excavation, piling, compaction and drilling) shall be conducted so that 95% of the activities undertaken (measured over at least 20 representative samples of the relevant activity on any residential building) shall produce peak particle velocities not exceeding the relevant criterion in DIN 4150-3:1999 and 100% of the activities undertaken shall not exceed 10mm/s irrespective of the frequency of the activity measured.

CNV.7

Where practicable, permanent (traffic) noise barriers, required in any Sector as Detailed Mitigation Options for operational noise following completion of the Project (in accordance with Conditions ON.3 to ON.5) shall be erected prior to noise generating construction works commencing. Where this is not practicable, temporary noise mitigation measures shall be implemented in accordance with the CNVMF, prior to noise generating construction works commencing.

CNV.8

Pile driving or pile removal shall not be undertaken at night (i.e. during the hours of 20:00 – 06:30).

CNV.13

SSNMPs (required by Condition CNV.1(xvi)) above, shall be submitted to Major Infrastructure Team Manager, Auckland Council for review and certification at least 7 working days prior to the proposed works commencing. A decision will be provided by the Council within 5 working days of receipt of the SSNMP.

Works will not commence until certification is received from the Major Infrastructure Team Manager, Auckland Council. The Council may, at its discretion, waive the requirement for SSNMPs to be submitted to the Council where an SSNMP is required.

If monitoring shows that levels specified in a SSNMP are being exceeded, work generating the exceedance will stop and not recommence until further mitigation is implemented in accordance with an amended SSNMP certified by Council.

Advice note: It is accepted that the criteria of CNV.2 and CNV.4 may not be met at all times, but that the NZTA will take all practical steps to achieve compliance, taking into account the hierarchy of mitigation options outlined in Condition CNV.1 (ix).

Noise Conditions – Operation

ON.1

For the purposes of Conditions ON.2-ON.14 the following terms will have the following meanings:

- Appendix E – means Appendix E to the Technical Report G.12 'Assessment of Operational Noise Effects'

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submitted with this application.

- BPO – means Best Practicable Option.
- Building Modification Mitigation – has the same meaning as in NZS 6806:2010.
- Design Year – means a point in time that is 10 years after the opening of the Project to the public
- Emergency Mechanical Services – means mechanical services used for emergency situations only.
- Habitable room – has the same meaning as in NZS 6806:2010.
- Noise Criteria Categories – means groups of preference for time-averaged sound levels established in accordance with NZS 6806:2010 when determining the BPO mitigation option; i.e. Category A - primary noise criterion, Category B - secondary noise criterion and Category C - internal noise criterion.
- NZS 6806:2010 – means NZS 6806:2010 Acoustics – Road-Traffic Noise – New and Altered Roads.
- PPFs – means only the premises and facilities identified in green, yellow or red in Appendix E.
- Structural mitigation – has the same meaning as in NZS 6806:2010.

ON.2

The NZTA shall implement the traffic noise mitigation measures identified as the “Preferred Mitigation Options” in Appendix E as part of the Project, in order to achieve the Noise Criteria Categories indicated in Appendix E (“Identified Categories”), where practicable and subject to Conditions ON.3-ON.11 below.

ON.3

The detailed design of the structural mitigation measures of the “Preferred Mitigation Options” (the Detailed Mitigation Options) shall be undertaken by a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council prior to construction of the Project, and, subject to Condition ON.4, shall include, as a minimum, the following:

- (a) Noise barriers with the location, length and height in general accordance with Appendix E and designed in accordance with the ULDF (Section B) (refer Schedule A, Row 38); and
- (b) A requirement that Open Graded Porous Asphalt (“OGPA”) or equivalent low-noise generating road surface be used on all surface roads throughout the Project, except at the Great North Road Interchange; and
- (c) For the Great North Road Interchange, a requirement that Twin Layer Open Graded Porous Asphalt (“Twin Layer OGPA”) or equivalent low-noise generating road surface be used as shown in Appendix E.

ON.4

Where the design of the Detailed Mitigation Options identifies that it is not practicable to implement a particular structural mitigation measure in the location or of the length or height included in the “Preferred Mitigation Options”, either:

- (a) If the design of the structural mitigation measures could be changed and would still achieve the same Identified Category at all relevant PPFs, and a suitably qualified expert approved by the Major Infrastructure Team Manager, Auckland Council, certifies to the Auckland Council that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measures; or
- (b) If the changed design of the structural mitigation measure would change the Noise Criteria Category at any relevant PPF from Category A or B to Category C but Major Infrastructure Team Manager, Auckland Council confirms that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed structural mitigation measures.

ON.5

The Detailed Mitigation Options shall be implemented prior to completion of construction of the Project.

ON.6

- (a) Sectors 1 to 8 - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options:

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- i. A noise level increase of 3 decibels or more will occur due to road-traffic noise from the Project; and
- ii. Habitable spaces are likely to receive in excess of 45 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year.

For those PPFs, following the process set out in Conditions ON.7 to ON.11, it shall be determined which Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces.

(b) Sector 9 - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options, habitable spaces are likely to receive in excess of 40 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year. For those PPFs, following the process set out in ON.7 and ON.8, it shall be determined if Building Modification Mitigation may be required to achieve 40 dB LAeq inside habitable spaces. For those PPFs where Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces, this shall be implemented following the process set out in ON.9 to ON.11.

ON.7

(a) Prior to commencement of construction of any sector of the Project in the vicinity of a PPF identified under Condition ON.6, the NZTA shall write to the owner of each such building seeking access for the purpose of measuring internal noise levels and assessing the existing building envelope in relation to noise reduction performance.

(b) If the owner(s) of the building approve the NZTA's access to the property within 12 months of the date of the NZTA's letter (sent pursuant to Condition ON.7(a)), then no more than six months prior to commencement of construction in any sector of the Project, the NZTA shall instruct a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council, to visit the building to measure internal noise levels and assess the existing building envelope in relation to noise reduction performance.

ON.8

Where a PPF identified under Condition ON.6 is identified, the NZTA shall be deemed to have complied with Condition ON.7 above where:

- (a) The NZTA (through its acoustics specialist) has visited the building; or
- (b) The owner(s) of the building approved the NZTA's access, but the NZTA could not gain entry for some reason after repeated attempts; or
- (c) The owner(s) of the building did not approve the NZTA's access to the property within the time period set out in Condition ON.7(b) (including where the owner(s) did not respond to the NZTA's letter (sent pursuant to Condition ON.7(a) within that period); or
- (d) The owner(s) of the building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.

If any of (b) to (d) above apply to a particular Building, the NZTA shall not be required to implement any Building Modification Mitigation at that Building

ON.9

Subject to Condition ON.8, within 6 months of the assessment required under Condition ON.7(b), the NZTA shall give written notice to the owner of each PPF identified under Condition ON.6:

- (a) Advising of the options available for Building Modification Mitigation to the building; and
- (b) Advising that the owner has three months within which to decide whether to accept Building Modification Mitigation for the building, and if the NZTA has advised the owner that more than one options for building modification mitigation is available, to advise which of those options the owner prefers.

ON.10

Once an agreement on Building Modification Mitigation is reached between the NZTA and the owner of an affected building, the mitigation shall be implemented (including the NZTA undertaking any required third party

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authorisation) in a reasonable and practical timeframe agreed between the NZTA and the owner. Building Modification Mitigation shall be to the standard specified in section 8.3.2 of NZS 6806:2010.

Advice Note: The NZTA will be responsible for obtaining any necessary building consents or other approvals to undertake the above Building Modification Mitigation.

ON.11

Subject to Condition ON.8, where Building Modification Mitigation is required, the NZTA shall be deemed to have complied with Condition ON.10 above where:

- (a) The NZTA has completed Building Modification Mitigation to the Building; or
- (b) The owner(s) of the Building did not accept the NZTA's offer to implement Building Modification Mitigation prior to the expiry of the timeframe stated in Condition ON.9(b) above (including where the owner(s) did not respond to the Requiring Authority within that period); or
- (c) The owner of the Building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.

ON.12

The NZTA shall manage and maintain the Detailed Mitigation Options to ensure that, those mitigation works are maintained to retain their noise attenuation performance indefinitely

ON.14

(a) Prior to construction, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake a minimum of 8 (eight) representative measurements of ambient noise levels. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(b) Following completion of the work, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake traffic noise monitoring at the same sites surveyed in Condition ON.14 (a) above, within 2 to 3 years following completion of construction of the Project. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(c) The results of the noise level monitoring in accordance with ON.14(b) above shall be used to verify the computer noise model of the Detailed Mitigation Option. A report describing the findings of the verification shall be provided to the Major Infrastructure Team Manager, Auckland Council within one month of it being completed.

Vibration Conditions - Operation

OV.1

Existing ambient vibration levels shall be measured at critical locations nominated by the NZTA, and submitted to the Major Infrastructure Team Manager, Auckland Council for approval prior to the commencement of works. These baseline measurements will establish pre-Project vibration levels for comparison with future vibration levels.

Air Quality Conditions – Construction

GENERAL CONDITIONS

AQ.1.

The NZTA shall finalise and implement, through the CEMP, the Construction Air Quality Management Plan (CAQMP) and Concrete Batching and Crushing Management Plan (CBCMP) submitted with the application. The CAQMP and CBCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CAQMP and CBCMP includes the following details:

- (a) Daily visual monitoring of dust emissions;
- (b) Procedures for responding to process malfunctions and accidental dust discharges;

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- (c) Criteria, including consideration of weather conditions and procedures for use of water sprays on stockpiles and operational areas of the site;
- (d) Continuous monitoring of Total Suspended Particulate (TSP) concentrations and meteorology;
- (e) Monitoring of the times of detectable odour emissions from the ground;
- (f) Procedures for responding to discharges of odour (including in the event of excavation of contaminated sites);
- (g) Monitoring of construction vehicle maintenance;
- (h) Process equipment inspection, maintenance, monitoring and recording, including baghouses, pressure relief valves and high level alarms;
- (i) Complaints investigation, monitoring and reporting; and
- (j) The identification of staff and contractors' responsibilities.

AQ.2.

The NZTA shall review the CAQMP and CBCMP at least annually and as a result of any material change to the Project. Any consequential changes will be undertaken in accordance with Condition CEMP.13.

AQ.3.

All construction activities shall be operated, maintained, supervised, monitored and controlled at all times so that all emissions authorised by this consent are maintained at the minimum practicable level.

AQ.4.

The NZTA shall undertake construction activities in accordance with the CEMP, CAQMP and CBCMP, such that:

- (a) Hard surfaced areas of the construction yards and active construction areas are vacuum swept or scraped down at least twice each week and additionally as reasonably required;
- (b) All unsealed areas of the site used for vehicle movement are maintained visibly damp by the use of water sprays or a water cart during weather conditions where the potential for dust emissions exist;
- (c) Wheel wash systems are installed at all truck exits from unpaved areas of the site onto public roads are used for all trucks that depart from the site;
- (d) All stockpiles are constructed and positioned to minimise the potential for dust emissions. The surfaces of all stockpiles are maintained adequately damp at all times to minimise the release of particulate matter;
- (e) Belt conveyors for moving dry materials are fitted with water sprays or enclosed to minimise wind entrainment of dust. Where installed, water suppression is used whenever the conveyors are used for moving dry materials.

AQ.5.

Unless expressly provided for by conditions of this consent, there shall be no odour, dust or fumes beyond the site boundary caused by discharges from the site which, in the opinion of an enforcement officer, is noxious, offensive or objectionable.

AQ.6.

All offensive or objectionable dust beyond the boundary of the site caused as a result of processes on the site shall be mitigated forthwith in accordance with the requirements of the Construction Air Quality Management Plan.

AQ.7.

Beyond the site boundary there shall be no hazardous air pollutant caused by discharges from the site that causes, or is likely to cause, adverse effects on human health, environment or property.

AQ.8

No discharges from any activity on site shall give rise to visible emissions, other than water vapour, to an extent which, in the opinion of an enforcement officer, is noxious, dangerous, offensive or objectionable.

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MONITORING

AQ.14

The NZTA shall undertake visual inspections of dust emissions as follows:

- (a) Visual inspections of all active construction areas at least three times daily during October to April inclusive, whenever there are construction activities. The results of visual monitoring shall be logged.
- (b) Visual inspections of dust emissions from the concrete batching plants and rock crushing plant shall be undertaken daily while the plant is operating

AQ.15

The operation of water sprays shall be checked at least once each day.

REPORTING

AQ.19.

All records, logs, monitoring and test results that are required by the conditions of this consent shall be made available on request, during operating hours, to an Auckland Council enforcement officer and shall be kept for the duration of the consent.

AQ.22.

Log books shall be maintained that record all relevant information that is required to demonstrate compliance with the conditions of this consent. This information shall include, but is not limited to:

- (a) Visual assessments of any dust emissions from the site and the source;
- (b) Any dust control equipment malfunction and any remedial action taken;
- (c) When a water cart was used and, if so, the frequency of use and the volume of water used (including identification of location);
- (d) All relevant details of the TSP and meteorological monitoring required by Conditions AQ.16 and AQ.17;
- (e) Any additional dust control measures undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

AQ.23.

The NZTA shall maintain a log of any complaints received relating to air quality. Details of each complaint received shall be forwarded to the Major Infrastructure Team Manager, Auckland Council within 24 hours of receipt of the complaint. The log shall include any complaints lodged with the Auckland Council where the Council has informed the NZTA of the complaint. The log shall include, but not be limited to the following:

- (a) The date, time, location and nature of the complaint;
- (b) Weather conditions at the time of the complaint (including approximate wind speed, wind direction, cloud cover);
- (c) Any possible other contributing factors (such as a fire, smoky vehicle, a local chimney emission, etc.);
- (d) The name, phone number and address of the complainant (unless the complainant elects not to supply these details);
- (e) Any remedial actions undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

Landscape and Visual Conditions

LV.1.

The Urban Design and Landscape Plans (UDL Plans) (Plan Set F.16, refer Schedule A, Row 17) shall be reviewed and revised in accordance with the conditions and submitted to the Major Infrastructure Team Manager, Auckland Council for certification that they comply with the conditions of the consents/ designation prior to construction of the relevant Project stage, at least 20 working days prior to the commencement of construction.

The UDL Plans shall be updated to:

- (a) Reflect relevant details from the PT and Active Mode Transport Routes Plan Set (Schedule A, Row 23);
- (b) Remove the playing field at Waterview Reserve;

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- (c) Confirm the reconfigured bund design at Alwyn Avenue (Schedule A, Row 42);
- (d) Reflect landscaping required in relation to the northern vent stack in Waterview Glades pursuant to Conditions DC.8.

LV.2.

In certifying the UDL Plans, prepared in accordance with Condition LV.1, the Major Infrastructure Team Manager, Auckland Council shall be satisfied the UDL plans includes:

- (a) The visual mitigation of infrastructure as detailed in Section B of the UDLF (refer Schedule A, Row 38).
- (b) Incorporation of art or art through design of structures, particularly as it relates to noise barriers and the Great North Road Interchange piers and ramps (Refer to clauses (g) and (i) below).
- (c) Planting to screen houses and noise walls (including cross section details);
- (d) Planting along the corridor on Traherne Island, in accordance with these conditions and the Ecological Management Plan;
- (e) Specimen planting on the Great North Road Interchange and the Te Atatu Road Interchange;
- (f) Specimen planting at the tunnel portals (except where this is within the OPW area);
- (g) Finalisation of the noise barriers (as required by Condition ON.3(a)) in accordance with the design principles for noise walls (refer Schedule A, Row 32);
- (h) Delineation of the final areas of the Open Space Restoration Plans in accordance with the Open Space Restoration Plans (Schedule A, Row 30), and reference that all works within the Open Space Restoration Plan Areas are subject to Conditions OS.1 to OS.8;
- (i) Oakley Inlet Heritage Plan, prepared in accordance with Conditions OS.5, and in particular, consideration shall be given to the design treatment of the Great North Road Interchange piers and ramps to take into consideration the impact of the structures on the visual quality of the open space beneath;
- (j) Ecological Management Plan, prepared in accordance with Conditions V.1, A.1, H.1, F.1 and M.1;
- (k) Western Ring Route: Maioro Street Interchange and Waterview Connection - Oakley Creek Rehabilitation and Restoration Guidelines (Boffa Miskell, 2010); and
- (l) Details of artworks or art through design of structures within the Project (e.g. design detailing of median barriers, bridge railings, safety barriers, piers, retaining walls and tunnel portals), in accordance with Section B of the Urban Landscape and Design Framework (UDLF June 2010) (refer Schedule A, Row 38) and F.8:Plans of Structures and Architectural Features, but excluding the north and south ventilation buildings, plans sections and elevations.

LV.3.

The NZTA shall have implemented the UDL Plans within 6 months of practical completion of construction of the Project.

LV.4.

The landscaping shall be implemented in accordance with the UDL Plans within the first planting season following the completion of the construction works, provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained for a period of 10 years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping shall be implemented in accordance with this Condition for each stage unless subsequent construction staging requires use of the proposed landscaping area.

Advice note: On-going control and management of the landscaping within the designation is the responsibility of the NZTA.

LV.5.

The NZTA shall implement the UDL Plans taking into account the pest plant management guidelines detailed in the Ecological Management Plan (as required by Condition CEMP.3).

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LV.7.

The NZTA shall ensure that the Temporary Embankments constructed for the Causeway are located on the seaward side of SH16 between the motorway end of Rosebank Road and the bridge over the Waterview Inlet.

LV.8.

The NZTA shall ensure that any areas within the designation affected by construction activities have sub-soil rehabilitated and top-soil replaced so that the hydrological response including the volume of stormwater runoff generated is as close as practicable to the predevelopment situation. The methodologies to achieve this shall be documented and provided to the Major Infrastructure Team Manager, Auckland Council with the revised UDL Plans submitted pursuant to Condition LV.1.

LV.9.

The UDL Plans shall make provision for the rehabilitation of Construction Yard 2 at the completion of SH16 construction works through the close planting of native coastal species within that part of the yard area seaward of the proposed stormwater filter strip. All planting shall be consistent with the native coastal planting referenced in the ECOMP and Condition V.10.

LV.10.

The UDL Plans shall identify all Amenity Trees required to be removed over the construction of the Project (in accordance with Condition CEMP.6(o) and (p)). Replacement trees shall be sized at 160Lt and will either draw from the Coastal Forest or Basalt Rock Forest ecotypes listed in the Landscape Planting Schedules (provided in F.16, refer Schedule A, 17) or an agreed alternative species (confirmed by Major Infrastructure Team Manager, Auckland Council), except in the case of those trees subject to Condition ARCH.9.

Advice note: This does not necessarily apply to any replacement planting in the Open Space Restoration Plan areas, which will be confirmed in approval from Auckland Council and will be in accordance with relevant Auckland Council Park guidelines (see Condition OS.4).

Open Space Conditions

OS.1

For the purposes of Conditions OS.2 – OS.15 the following terms will have the following meanings:

- Full size – means a football (soccer) field with the dimensions 100m x 60m.
- Half size – means a football (soccer) field with the dimensions less than 100m x 60m but no smaller than 50m x 30m.
- Toddler – means a playground specifically designed for children between the ages of 1 and 3
- Junior – means a playground specifically designed for children between the ages of 4 and 8
- Youth – means a playground specifically designed for children between the ages of 9 – 14 years
- Open Space Restoration Plans – means those plans listed in Schedule A, row 30.
- Open for Play - means the sports field has a level surface and a dense weed-free sward of mature grass, goal posts and lighting if indicated in the Open Space Restoration Plans approved by the Auckland Council.
- Sand - carpeted - means the field has been levelled and irrigated, and conventional sub-soil drains, slit drains and a 50mm deep sand carpet have been installed. The field has been stolonised with a warm season grass such as kikuyu or couch.
- Auckland Council Park Guidelines – means the document by Auckland City Council titled “Furnishing our parks: design guidelines for park furniture”, dated September 2009
- Park furniture – means those items described in the Auckland Council Park Guidelines
- AS2560 – means the Australia New Zealand Standard for lighting of sports fields.
- AS4282 – means the Australia New Zealand Standard for the control of the obtrusive effects of outdoor lighting.
- Way finding exercise – means a process for determining the number, size, location and content of signage to provide clear direction for all park users.
- Skate-park for the purpose of conditions OS.5(b)(iii) means a skate park with a size of approximately 1,400

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sq. m. (generally 25 wide x 55m long), incorporating a range of design variations. Suitable for beginners (providing training facilities to develop their skills) but primarily catering for intermediate to advanced level skaters.

- BMX bike track for the purpose of condition OS.5(b)(iii) means a low maintenance, non-competition BMX bike track, incorporating a range of design variations. Primarily catering for beginner and intermediate riders.

OS.2

The NZTA shall prepare Open Space Restoration Plans to outline how the open space replacement land, as defined in the Open Space Restoration Plan Areas (Schedule A, Row 30) (including land occupied during construction) will be reinstated or replaced on completion of construction, for handover to Auckland Council and those areas identified in Condition DC.1A(f) and RC.3(f). Following the consultation detailed in Condition OS.3 below, the Open Space Restoration Plans listed in Condition OS.3(a) to (f) shall be submitted within 12 months of construction commencing in the specific areas affecting the reserves or within 12 months of occupation of open space, whichever is the sooner, to the Major Infrastructure Team Manager, Auckland Council.

Advice note: Conditions OS.9 and OS.10 require certain works to be provided prior to occupation of Construction Yards 6 and 7 (Waterview Reserve) and Construction Yards 9- 12 (Alan Wood Reserve) and this may impact on the timing of Open Space Restoration Plans for these areas.

OS.3

The Open Space Restoration Plans shall be prepared in consultation with the Auckland Council, Iwi, the Community Liaison Groups (Condition PI.5), NZHPT, and other recreation users and other user representatives identified by Auckland Council. The Open Space Restoration Plans shall comprise the following specific plans:

- (a) Waterview Reserve Restoration Plan;
- (b) Alan Wood Restoration Plan (including Hendon Park and 25 Valonia Street);
- (c) Oakley Creek Esplanade (Waterview Glades) Restoration Plan;
- (d) Jack Colvin Park Restoration Plan;
- (e) Rosebank Domain Restoration Plan;
- (f) Harbourview-Orangihina Reserve Restoration Plan.
- (g) The areas of the Open Space Restoration Plans are shown in the Open Space Restoration Plan Areas (Refer Schedule A, Row 30).

OS.4

All Open Space Restoration Plans shall be prepared in general accordance with the UDL Plans (Schedule A, Row 30), and shall include, but not be limited to, the following:

- (a) Details of, including the location, of any artworks and educational signage, and directional signage. In the case of Alan Wood Reserve, Waterview Reserve and Oakley Creek Esplanade (Waterview Glade) this shall include a "way-finding exercise" in accordance with Auckland Council practice, to determine all signage to be provided; and
- (b) Evidence of integration with the Oakley Creek restoration works required under Conditions STW.5, STW.20, V.16 and LV.2(i); and a summary of the consultation undertaken (as required by Condition OS.3) and the response received; and
- (c) Details of any vehicle access through the reserves and parking areas; and
- (d) Park furniture (including quantity and quality) to be provided in accordance with relevant Auckland Council Park guidelines, except for:
 - (i) The riparian area within Alan Wood Reserve where the only furniture required is a maximum of 10 seats; and
 - (ii) Oakley Creek Esplanade (Waterview Glades) where the only furniture required is replacement of 3 existing seats; and
- (e) The inclusion and integration of the design for all pedestrian and cycleway linkages and facilities detailed on the PT and Active Mode Transport Routes (Schedule A, Row 22). The design integration shall be in accordance with CPTED principles;
- (f) Implementation programme, including sequencing of works and completion dates. This shall include works

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that could be implemented prior to practical completion of construction works or are outside the Project area (e.g. upgrading of the Waterview Esplanade Reserve set out in Condition OS.5(b)(vii);

(g) Implementation programmes for planting and field reinstatement. This shall include:

(i) A 12 month maintenance period for built structures and soft landscaping; and

(ii) For any landscaping accessible to horses an assessment to demonstrate that the planting schedule is not toxic to horses and that consultation on this has been undertaken with the Te Atatu Pony Club;

(h) The specific requirements for each Restoration Plan area as set out in Conditions OS.5 – OS.8;

(i) Documentation of consultation undertaken required by Condition OS.3 and the views and concerns expressed by this consultation and the written approval of the Manager Community and Cultural Policy.

Advice note: For the avoidance of doubt provision of (a) to (h) above will require elevations, cross sections, engineering drawings and written documentation to supplement the UDL Plans. It is also noted that the UDL Plans identify landscaping, planting and other works beyond the Open Space Restoration Plans (refer Conditions LV.1 – LV.6, LV.9 and LV.10). Educational signs and artworks are particularly encouraged.

OS.13

During construction, the NZTA shall maintain pedestrian accessways to all open space available for public use during construction and education facilities where access is affected by the works, including any public access that crosses private land. Such access shall be safe, clearly identifiable, provide appropriate surfacing and seek to minimise significant detours. The access shall be of a same or similar standard as that disrupted and will be provided and maintained by the NZTA.

Advice note: This specifically includes the existing pedestrian access that provides a connection to the crossing over Oakley Creek between 1510 Great North Road and Unitec Mt Albert Campus.

Social Conditions

SO.1

In addition to the Community Liaison Groups established pursuant to Condition PI.5, the NZTA shall establish an Education Liaison Group (including representatives from local schools, kindergartens, childcare facilities, Unitec Institute of Technology, the Ministry of Education and Housing New Zealand Corporation), to provide a forum through which:

(a) Relevant monitoring data can be provided (e.g. air quality monitoring);

(b) Notice can be provided of when particularly noisy activities will occur in close proximity to schools and education facilities, to enable the opportunity to identify any potential conflict with particular sensitive periods, and the requirement for specific mitigation strategies (e.g. rescheduling of construction activities where practicable);

(c) Particular concerns can be raised by educational facilities or parents, discussed and potentially addressed;

(d) Notice can be provided of potential construction impacts on school transport routes (including pedestrian/cycle access) to enable the opportunity to identify specific mitigation preferences of the education facilities (e.g. any detour routes) and to enable these facilities to appropriately inform students and/or parents; and

(e) Learning and teaching opportunities for educational facilities to participate in Project works (e.g. planting or artworks).

The Education Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period. The Education Liaison Group shall continue to meet for at least 12 months following the completion of the Project (or less if the members of the Education Liaison Group agree), so that ongoing monitoring information can continue to be disseminated.

SO.2

In addition to Condition SO.1(b) above, where noisy construction activities (that are projected to exceed the Noise Criteria in the CNVMP) are proposed in close proximity or adjacent to schools/ childcare centres, the NZTA shall, when preparing their SSNMP (in accordance with Condition CNV.1) give specific consideration to

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options to carry out these works outside school hours or during school holidays as a mitigation option.

SO.6

In addition to the Community Liaison Group established pursuant to Condition PI.5, the NZTA shall establish a Working Liaison Group (WLG) inviting the following:

- (a) Auckland Council;
- (b) Housing New Zealand Corporation;
- (c) Te Kawerau Iwi Tribal Authority;
- (d) Ngati Whatua o Orakei;
- (e) KiwiRail;
- (f) Department of Conservation;
- (g) Ministry of Education; and
- (h) Local Boards.

The purpose of this WLG will be to provide a forum through which:

- (a) Opportunities for public work development (including social housing, passenger transport or recreation / open space) are identified in areas where the NZTA confirms that the designation is no longer required (e.g. following construction activities);
- (b) Comment can be provided on updated Urban Design and Landscape Plans, including the finalised designs of structural elements for the Project (prior to their submission to the Auckland Council);
- (c) Opportunities for integration of other environmental projects (e.g. restoration plantings) are identified;
- (d) Consideration is given to appropriate protocols for commencement and completion of construction activities (including blessings for commencement of construction phases); and
- (e) Comment can be provided by Te Kawerau a Maki on the detailed lighting design of SH16, to consider how lighting effects on cultural sites and practices might be mitigated without compromising traffic safety or those performance standards identified in Condition L.1.

The Working Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period.

SO.7

A schedule of trees that require removal for construction of the Project will be identified and reported to the Community Liaison Group for their consideration of potential provision of timber for heritage projects (including in particular the provision of Robinia wood for heritage boat building). If the demand for this timber is identified to the Construction Team, appropriate measures for felling and removal from the site will be confirmed.

Vegetation Conditions

V.1

The NZTA shall finalise the ECOMP submitted with this application, prior to works commencing on site. The ECOMP shall be implemented through the CEMP. The ECOMP shall clearly identify the location and identity of:

- (a) All Significant Vegetation within the designation that is to be fully protected or relocated; and
- (b) All Valued Vegetation within the designation that is affected by the works (protected or removed).

Note: Significant and Valued Vegetation shall be as defined in the ECOMP.

V.2

The NZTA shall employ a suitably experienced botanist ('nominated botanist') for the duration of the works to monitor, supervise and direct all works affecting or otherwise in close proximity to the Significant Vegetation and Valued Vegetation identified in the ECOMP.

V.3

Prior to any site works commencing, a pre-commencement site meeting shall be held so that the conditions that pertain to the Significant Vegetation and Valued Vegetation and all vegetation in general (both native and exotic) are explained by the nominated botanist to all contractors or sub-contractors who will be working on site

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within the close vicinity of that vegetation.

V.4

The NZTA shall minimise the amount of vegetation (both native and exotic) which is to be cleared, with the exception of weeds (both woody and otherwise, unless agreed with the Major Infrastructure Team Manager, Auckland Council and the Community Liaison Group that the retention of these 'weeds' has other environmental or ecological benefits that warrant their retention). All vegetation clearance shall be undertaken in accordance with the measures set out in the ECOMP.

V.5

The NZTA shall install protective fencing around, or otherwise clearly demarcate, all of the Significant Vegetation identified in the ECOMP as requiring full protection, under the supervision of the nominated botanist.

V.6

The NZTA shall replace any terrestrial Valued Vegetation that is required to be removed as a result of construction activities, in accordance with the ECOMP and the Urban Design and Landscape Plans.

V.7

The nominated botanist shall supervise all trimming, pruning and relocation work associated with the Significant Vegetation and Valued Vegetation required as part of the works.

V.8

Immediately prior to planting, and for a period of 2 years following completion of construction, the NZTA shall undertake weed control and management of all invasive plant pests within the vegetated areas of the surface designation for the Project. Following this 2 year period, on-going control and management of all invasive plant pests within these areas will be the responsibility of the NZTA.

V.9

The nominated botanist shall undertake a monitoring programme throughout the construction period, including monitoring of:

- (a) The condition, repair and location of the temporary protective fencing or other forms of demarcation used to identify the Significant Vegetation;
- (b) Any works within the vicinity of the Significant Vegetation and Valued Vegetation;
- (c) The general health of the Significant Vegetation and Valued Vegetation (including any Significant or Valued Vegetation that has been relocated away from the works area); and
- (d) Compliance with the vegetation conditions of designation by way of fortnightly inspections during the construction period.

V.10

Any planting utilising native plants shall use plants genetically sourced from the Tamaki Ecological District where possible or otherwise shall use plants that have been genetically sourced from within the Auckland Ecological Region.

V.11

Prior to commencement of works adjacent to Traherne Island, the NZTA shall employ a suitably qualified and experienced plant translocation expert to uplift and protect all areas of *Mimulus repens* on Traherne Island that will be affected by the work. The *Mimulus repens* shall be relocated to suitable and safe habitat away from the works area, or otherwise held and protected for the duration of the works in the vicinity of their original location and be replanted back at that location (or in close proximity to it) upon completion of the works. The location of the recipient sites will be determined in consultation with the Department of Conservation and in general accordance with the Traherne Island Natural Heritage Restoration Plan (2009 – 2014). Trials shall be undertaken to identify appropriate recipient sites, with these trial sites being monitored for a period of no less than 5 years,

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or until their failure. Where possible, recipient sites shall be located in currently weed-free areas. Where recipient sites may potentially be affected by weeds, they shall be subject to an on-going weed management plan. Should translocation attempts fail at all trial sites then the NZTA, in consultation with DOC, shall determine an alternative appropriate form of mitigation.

V.15

Planting along and within the rock revetment of the widened SH16 causeway shall be undertaken by the NZTA at locations in general accordance with the Urban Design and Landscape Plans and planting schedules (Refer Schedule A, Row 17), as identified in those plans under the label "Rock Armour with Saltwater Revetment Planting". The planting treatments will be in accordance with the concepts of the ECOMP, Appendix I 'Conceptual Rock Revetment Planting Designs'.

V.17

Prior to commencement of works adjacent to or on Traherne Island, the NZTA shall employ a suitably qualified and experienced ecologist for the preparation of a Traherne Island Weed and Pest Management Plan. The Plan shall be prepared in consultation with the Department of Conservation and be submitted to the Auckland Council for approval at least 20 working days prior to construction commencing.

V.18

The NZTA shall implement the approved Traherne Island Weed and Pest Management Plan. Every 5 years, a suitably qualified and experienced ecologist engaged by NZTA shall review the plan in consultation with the Department of Conservation. The plan shall then be submitted to the Auckland Council for approval.

Avian Conditions

A.1

The NZTA shall finalise, and implement through the CEMP, ECOMP submitted with this application to include the matters set out in Conditions A.2 to A.6.

A.2

The NZTA shall provide temporary high tide roosting structure(s) adjacent to the Causeway during construction, in accordance with the ECOMP, to the satisfaction of the Major Infrastructure Team Manager, Auckland Council. The temporary bird roosts shall be sized in accordance with the ECOMP, and located within the Waterview Estuary adjacent to the southern side of the causeway and in the vicinity of the existing Causeway bridge.

A.3

The NZTA shall employ a suitably qualified ecologist to undertake monitoring of the roosting areas located at:

- (a) The existing high tide roost in Harbourview-Orangihina Park; and
- (b) The temporary construction roosting structure(s) pursuant to Condition A.2.

Monitoring shall be undertaken on a monthly basis, with a monitoring report prepared on a quarterly basis. The monitoring report shall be made available to the Major Infrastructure Team Manager, Auckland Council and Department of Conservation upon request.

A.4

Should the monitoring results indicate that the roosting sites have been abandoned, consultation shall be undertaken with the Department of Conservation and the Major Infrastructure Team Manager, Auckland Council to determine the need for and type of further management strategies (if any) required.

A.5

Vegetation clearance at Traherne Island shall occur outside the bird breeding season of September to December. Elsewhere, vegetation clearance shall occur outside the bird breeding season of September to December where practicable.

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A.6

Animal pest control shall be undertaken by the NZTA on Traherne Island (northern and southern sides) and on the Coastal Marine Area (CMA) frontage of SH16 from Traherne Island North to Whau Creek, and on the southern side of SH16 from Traherne Island South to Whau River (in accordance with Condition V.17).

Herpetofauna Conditions

H.1

The NZTA shall finalise and implement through the CEMP, the ECOMP submitted with this application to include details of lizard management to be undertaken, including the following:

- (a) Lizard capture methodology, including timing;
- (b) Lizard release locations(s);
- (c) Lizard habitat enhancement at population release sites, including a detailed pest control programme for a minimum of one month prior to release and for a minimum of three consecutive years' duration after release;
- (d) Location(s), monitoring and maintenance of lizard protective fencing;
- (e) Post-release monitoring methodology; and
- (f) Lizard captive management methodology.

Lighting Conditions

Operation

L.1

Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas, in general accordance with the Waterview Connection Lighting Plan (Drawing Set F.11 (Refer Schedule A, Row 12):

- a) All motorway lighting shall be designed in accordance with "Roadlighting Standard AS/NZS1158";
 - b) All other lighting shall be designed in accordance with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
 - c) Fully cut off luminaires shall be used on SH20 from the Southern Tunnel Portal to the Maioro Street Interchange to minimised lighting overspill, as shown on Drawing Set F.11(Refer Schedule A, Row 12).
- Construction Zones and Construction Yards

L.2

A Temporary Construction Lighting Management Plan shall be prepared for all construction zones and construction yards prior to commencement of any night time works within the construction zones and construction yards. The Temporary Construction Lighting Management Plan shall be independently verified by a lighting specialist and provided to the Major Infrastructure Team Manager, Auckland Council for certification of compliance 10 working days prior to any night time work commencing.

The certification process shall ensure that the Plan includes (but is not be limited to):

- a) The layout and arrangement of all temporary lighting required for night time works, and shall show how this avoids the "Light Spill Restriction Zone" identified on the Construction Yard Plans (Refer Schedule A, Row 7) submitted with the application, and that the temporary lighting complies with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
- b) Provision for a 10m buffer between the night time work and any residential boundary at all times to minimise potential for light spill; and
- c) General operating procedures outlined in the CEMP.

L.3

Asymmetrical floodlights with horizontal glass visors that are not raised more than 3 degrees above the horizontal plane shall be used for any temporary construction night time lighting requirements. Alternative temporary lighting arrangements may be used, subject to the prior approval of the Major Infrastructure Team Manager, Auckland Council, where it can be demonstrated that the proposed lighting is similar or better to

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asymmetrical floodlights with glass visors. Glare shall be kept below the recommendation given in AS 4282 – 1997 “Control of the Obtrusive Effects of Outdoor Lighting” Tables 2.1 and 2.2.

Archaeology Conditions

ARCH.1

The NZTA shall complete, and implement through the CEMP, the Archaeological Site Management Plan (ASMP) submitted with the notice of requirement, to include, but not be limited to:

- a) Identification of the Project archaeologist, their role and responsibility on the Project;
- b) Who reports to the Project archaeologist;
- c) Specific sites requiring supervision, and measures to be undertaken to protect and manage these sites;
- d) Whether NZHPT and/or Auckland Council heritage and/or iwi supervision is required for the specific site (the latter to be determined through consultation with the relevant iwi groups); and
- e) Accidental discovery protocols in the event that unknown archaeological sites are uncovered.

ARCH.2

The NZTA shall employ at its expense a qualified archaeologist (the Project archaeologist) who shall be on site to monitor all initial earthworks, including surface stripping of the site, for all specific areas identified in the ASMP to establish whether any sub-surface archaeological features are present. This includes, but is not limited to, the following areas:

- (a) All unmodified areas in the vicinity of Rosebank Road;
- (b) All works in the vicinity of the “Oakley Inlet Heritage Area”, located adjacent to the Great North Road Interchange;
- (c) Works in the vicinity of two midden sites (recorded R11/2214 and R11/2215) within Great North Road Interchange, and all previously unmodified areas near the banks of the Oakley Inlet;
- (d) Any ground disturbance works in Construction Yard 7 within Oakley Creek Reserve.

ARCH.3

If any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- (a) Immediately it becomes apparent that a possible archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- (b) The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched and notify the Project archaeologist;
- (c) The Project archaeologist shall inspect the site to assess the relevance of the find, and then the Auckland Council shall be advised of the significance;
- (d) If the site is confirmed to be an archaeological site by the Project archaeologist, the site supervisor shall then notify tangata whenua, the New Zealand Historic Places Trust, and the Auckland Council that an archaeological site has been exposed so that appropriate action can be taken;
- (e) In the case of human remains, the NZ Police shall be notified.

ARCH.4

In accordance with the ASMP, the following archaeological sites shall be fenced off and protected to the satisfaction of the Project archaeologist, prior to construction activities being undertaken:

- (a) Recorded sites R11/2504, R11/2505, R11/2506 and R11/2507, located on the northern boundary of the designation adjacent to the Rosebank Road peninsula.
- (b) Recorded site R11/2383 in the Oakley Creek Esplanade Reserve construction yard.

ARCH.8

All contractors and subcontractors working on the Project shall be trained on the archaeological requirements set out in the ASMP.

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Advice note:

Any archaeological sites within the area affected by the Project shall not be modified or disturbed in any way unless written authorisation has been obtained from the NZ Historic Places Trust.

Contaminated Land and Contaminated Discharges Conditions

CL.1

The NZTA shall finalise and implement through the CEMP, the Contaminated Soil Management Plan (CSMP) submitted with this application prior to commencement of any site works. The CSMP shall include, but not be limited to:

- (a) Measures to be undertaken in the handling, storage and disposal of all material excavated during the construction works;
- (b) Soil validation testing and groundwater testing;
- (c) Soil verification testing to be undertaken to determine the nature of the excavated spoil and potential reuse or disposal options;
- (d) Measures to be undertaken in the event of unexpected contamination being identified during construction activities; and
- (e) Measures to be undertaken for the handling of asbestos containing material.

CL.4

All excavated soil shall be tested by the NZTA in general accordance with the CSMP, prior to either reuse on site or disposal off site. The testing regime shall be submitted for approval by the Major Infrastructure Team Manager, Auckland Council.

CL.5

The NZTA shall notify the Major Infrastructure Team Manager, Auckland Council within 5 working days of identification of any contamination at the site which was not identified in the reports submitted in support of this application, including contaminated soil, surface water or groundwater. The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.6

The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.7

The NZTA shall engage a suitably qualified contaminated land specialist to supervise the works, excavation and removal of any contaminated soils from the site and undertake sampling (if required) of imported material.

CL.8

All testing / sampling techniques shall be carried out in accordance with the Ministry for the Environment Contaminated Land Management Guidelines or other equivalent standards approved in writing by the Major Infrastructure Team Manager, Auckland Council.

CL.11

The NZTA shall submit to the Major Infrastructure Team Manager, Auckland Council, a Site Closure Report no later than three (3) months after the completion of the earthworks. The Report shall be prepared in accordance with Schedule 13 (Schedules for Reporting on Contaminated Land) of the Proposed Auckland Regional Plan: Air Land and Water and include:

- (a) Results of any soil reuse and imported material testing carried out to ensure compliance with the CSMP;
- (b) Volumes of soil removed from site;
- (c) Copies of the waste disposal receipts; and

(d) Reports of any non-compliance with the CSMP procedures or complaints received while undertaking the site works.

Attachments

Figure CEMP.A - Construction Environmental Management Framework

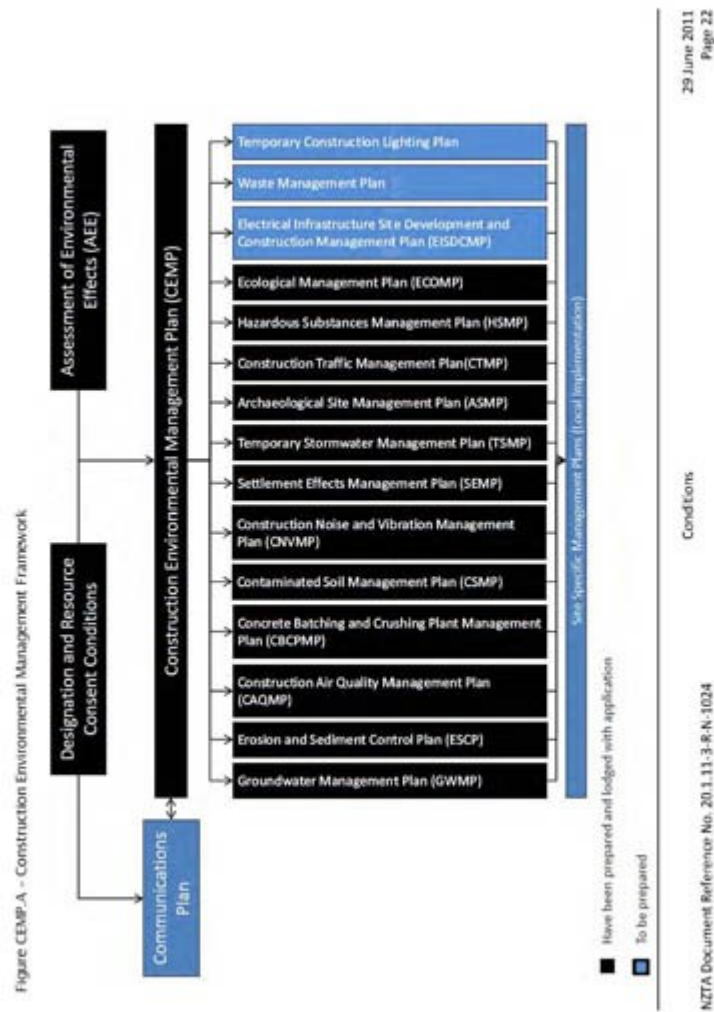
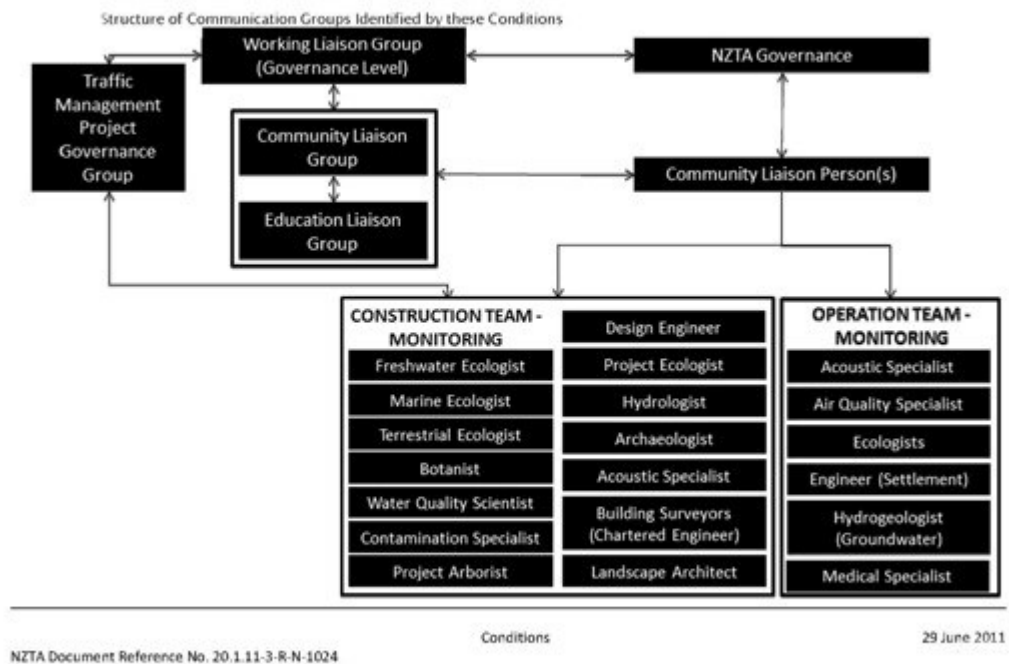


Figure PI.A - Structure of Communication Groups

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6723 State Highway 16 - Waterview Connection Waterview to Western Springs

Designation Number	6723
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 from Great North Road, Avondale to St Lukes Road, Western Springs
Rollover Designation	Yes
Legacy Reference	Designation A07-01E, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

To alter designation A07-01, SH16, between Great North Road and St Lukes Interchange – NOR3. Addition of properties to existing designation, and construction of two new lanes, stormwater treatment, wetland pond, ancillary works and services, vegetation removal and restoration works, relocation of services, works on existing cycleway, landscaping and planting.

Conditions

For a complete set of conditions, refer to the Waterview Connection Proposal Board of Inquiry decision titled “Final Report and Decision of the Board of Inquiry into the New Zealand Transport Agency Waterview Connection Proposal - Volume 2” dated June 2011.

General Designation Conditions

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DC.1

Except as modified by the conditions below, the works shall be undertaken in general accordance with the information provided by the New Zealand Transport Agency (NZTA being the Requiring Authority), the Notice(s) of Requirement and the supporting documents, and supplementary information provided in evidence. This information is summarised as follows:

(a) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Parts A-E;

(b) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part F: Plans and Drawings, except as updated through the hearing (Refer Schedule A for current plan and drawing references); and

(c) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part G: Technical Reports:

- (i) Technical Report G.1 Assessment of Air Quality Effects
 - (ii) Technical Report G.2 Assessment of Archaeological Effects
 - (iii) Technical Report G.3 Assessment of Avian Ecological Effects
 - (iv) Technical Report G.4 Assessment of Coastal Processes
 - (v) Technical Report G.5 Assessment of Construction Noise Effects
 - (vi) Technical Report G.6 Assessment of Freshwater Ecological Effects
 - (vii) Technical Report G.7 Assessment of Groundwater Effects
 - (viii) Technical Report G.8 Assessment of Herpetofauna Ecological Effects
 - (ix) Technical Report G.9 Assessment of Land and Groundwater Contamination
 - (x) Technical Report G.10 Assessment of Lighting Effects
 - (xi) Technical Report G.11 Assessment of Marine Ecological Effects
 - (xii) Technical Report G.12 Assessment of Operational Noise Effects
 - (xiii) Technical Report G.13 Assessment of Ground Settlement Effects
 - (xiv) Technical Report G.14 Assessment of Social Effects
 - (xv) Technical Report G.15 Assessment of Stormwater and Streamworks Effects
 - (xvi) Technical Report G.16 Assessment of Temporary Traffic Effects
 - (xvii) Technical Report G.17 Assessment of Terrestrial Vegetation Effects
 - (xviii) Technical Report G.18 Assessment of Transport Effects
 - (xix) Technical Report G.19 Assessment of Vibration Effects
 - (xx) Technical Report G.20 Assessment of Visual and Landscape Effects
 - (xxi) Technical Report G.21 Construction Environmental Management Plan (CEMP)
 - (xxii) Technical Report G.22 Erosion and Sediment Control Plan (ESCP)
 - (xxiii) Technical Report G.23 Coastal Works
 - (xxiv) Technical Report G.24 Geotechnical Interpretive Report
 - (xxv) Technical Report G.25 Traffic Modelling Report
 - (xxvi) Technical Report G.26 Operational Model Validation Report
 - (xxvii) Technical Report G.27 Stormwater Design Philosophy Statement
 - (xxviii) Technical Report G.28 Geotechnical Factual Report – 500 Series
 - (xxix) Technical Report G.29 Geotechnical Factual Report – 700 Series
 - (xxx) Technical Report G.30 Assessment of Associated Sediment and Contaminant Loads
 - (xxxi) Technical Report G.31: Technical Addendum Report (September 2010)
- (d) PT & Active Mode Transport Routes Existing and Proposed (Refer Schedule A, Row 22).
- (e) Waterview Connection Project, Evidence and Supplementary Information provided to the Board of Inquiry:
- (i) Evidence in Chief (Numbers 1-37)
 - (ii) Rebuttal Evidence (Numbers 1-33)
 - (iii) Supplementary Information (Numbers 1-8)

DC.1A

Within 3 months of the designations being confirmed for the Project (or at least 1 month prior to any Auckland Council approvals or certifications required by these Conditions, whichever is the earlier), the NZTA shall update

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and finalise to the satisfaction of the Major Infrastructure Team Manager, Auckland Council all drawings and Plans cited in Schedule A, and provide a full set of the information and documentation referred to in Condition DC.1 to the Major Infrastructure Team Manager Auckland Council. At the same time the NZTA shall prepare to the satisfaction of the Major Infrastructure Team Leader, Auckland Council, a document for each designation which sets out the designation and have attached to it in text format a comprehensive set of the conditions imposed by the Board of Inquiry in its Final Decision as summarised in Schedule B, inclusive of any standard conditions and advice notes.

In particular (but not limited to), the following Plans will need to be amended in light of these Final Conditions:

- (a) F.2 Operational Scheme Plans (refer Schedule A, Row 3) require amendment detailing the amended location of the ventilation stacks and southern ventilation buildings;
- (b) F.5 Construction Scheme Plans (refer Schedule A, Row 4) require amendment to detail changes to the construction footprint for the amended location of the ventilation stacks and southern ventilation buildings and reconfiguration of Construction Yard 1);
- (c) F.6 Construction Yard Plans 101 and 107 (refer Schedule A, Row 7), detailing amendments to the Construction Yard 1 in light of the reconfiguration of this Yard and for Construction Yard 7 in light of the relocation of the northern ventilation stack (refer Schedule A, Row 34);
- (d) F.8 Plans of Structures and Architectural Features (refer Schedule A, Row 9), detailing the amended location of the northern ventilation stack and the design and location of the southern ventilation building and stack;
- (e) The CNVMP (including flow diagram and the supplementary evidence produced by Ms Wilkening) (refer Schedule A, Rows 36, 37 and 39);
- (f) The areas of the Open Space Restoration Plans (Schedule A, Row 30) to:
 - (i) Extend these areas in geographic extent to provide for the works identified in the Management Plan notations identified in the OS Conditions (in particular OS.5 and OS.6) (e.g. these areas will (as relevant) include Eric Armishaw Park, Howlett Reserve and Waterview Esplanade Reserve); and
 - (ii) Exclude the operational area of designation required for the northern ventilation stack (as identified through the OPW process (refer Condition DC.8); and
- (e) Schedule A, Row 28 the Plan detailing proposed open space impacts and replacements needs to be updated to recolour the two land parcels on Hendon Avenue (which are excluded from the replacement calculations) to 'brown' to confirm they are part of the operational impact and will not be returned as open space.

DC.2

The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

DC.3

The NZTA shall update and finalise the relevant Construction and Operational Management Plans required under these conditions to ensure compliance with the designation conditions imposed by the Board of Inquiry. The relevant Management Plans shall be submitted to the Major Infrastructure Team Manager, Auckland Council within the timeframes specified in the following conditions. No works shall be undertaken until the relevant management plans have been finalised and certified or approved in accordance with the relevant conditions.

DC.4

Any Management Plans submitted to the Major Infrastructure Team Manager, Auckland Council for approval or certification may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted shall clearly show the integration with adjacent stages and interrelated activities.

DC.5

In the event of any dispute, disagreement or inaction arising as to any Auckland Council Manager certification/ approvals required by the designation conditions, or as to the implementation of or monitoring required by the

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conditions, matters shall be referred in the first instance to the NZTA Regional State Highway Manager and to the Resource Consents Manager, Auckland Council to determine a process of resolution. If a resolution cannot be agreed, then the matter may be referred to an independent appropriately qualified expert, agreeable to both parties, setting out the details of the matter to be referred for determination and the reasons the parties do not agree. The independent appropriately qualified expert shall be appointed within 10 working days of the NZTA or Auckland Council giving notice of their intention to seek expert determination. The expert shall, as soon as possible, issue his or her decision on the matter. In making the decision, the expert shall be entitled to seek further information and hear from the parties as he or she sees fit.

Advice note: The dispute resolution process provided for in this condition does not prejudice any party's right to take enforcement action in relation to the implementation of the designation conditions. However, the dispute resolution process will be applied before any formal enforcement action is taken by the Council, except in urgent situations.

DC.6

Except for Conditions DC.7, DC.8 and DC.9, the NZTA shall be exempt from providing an Outline Plan of Works for the Project, as provided for in Section 176A (2)(a) and (b) of the RMA.

Advice note: The Construction and Operational Management Plans, together with the provision of detailed drawings required by Condition DC.1(b) are considered sufficient detail in all aspects of the Project, with the exception of proposed works for the northern and southern ventilation buildings and stacks where further details are required.

DC.10

The NZTA shall give notice to the Manager Regional and Local Planning, Auckland Council in accordance with Section 182 and 181 respectively of the RMA for:

(a) Within six months of the State highway opening (being operational), removal of those parts of the designation that are not required for the long term operation, maintenance and mitigation of effects of the State highway.

Note: this condition is specific to land no longer required for construction purposes once the Project is completed and includes the land of 6 Barrymore Road, refer Condition OS.17.

(b) The designation to be altered to remove those conditions no longer required for long term operation and maintenance of the Project.

DC.12

Unless otherwise provided for by Condition RC.2, if any monitoring required to be undertaken by any party by the designation conditions indicates non-compliance with any designation condition, the NZTA must provide written notice to the Major Infrastructure Team Manager Auckland Council as soon as it becomes aware of same, stating the following:

(a) A description of the non-compliance; and

(b) The measures NZTA proposes for addressing the non-compliance, including any additional mitigation measures.

Subject to the Council's approval, the NZTA must implement the additional mitigation measures to address the non-compliance.

DC.13

Pursuant to Section 36(1)(d) of the RMA, the requiring authority is required to pay to Auckland Council any administrative charge for the carrying out by the local authority of its functions in relation to the administration, monitoring, and supervision of designation conditions.

DC.14

The servants of agents of Auckland Council shall be permitted to have access to relevant parts of the Project at

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all reasonable times for the purpose of carrying out inspections, investigations, tests, measurements and/or to take samples.

Construction Environment Management Plan Conditions

CEMP.1

Except where provided for in Condition CEMP.1A below, the NZTA shall update and finalise the draft Construction Environmental Management Plan (CEMP) including all the Management Plans which form part of the CEMP and are included as appendices, submitted with this application to ensure compliance with the consent and designation conditions imposed by the Board of Inquiry. The CEMP shall be provided to the Major Infrastructure Team Manager, Auckland Council for review at least 20 working days prior to the commencement of works to certify compliance and consistency with the conditions. Construction shall not commence until certification is obtained.

Advice note: For clarity the CEMP will be updated and finalised in accordance with the conditions. Any amendments will be limited to reflecting the requirements of the conditions, specifying personnel, and completing the Environmental Risk Register.

Advice note: Particular care must be taken with development and operation of Construction Yard 7. When the CEMP is being updated and finalised, consideration must be given to the contents of the draft SSCOMP prepared for Construction Yard 7 (Row 41, Schedule A) recognising changes required by inclusion of the ventilation stack in this yard.

CEMP.2

The certification process of the CEMP (and its appendices) shall confirm that the CEMP gives effect to the relevant conditions, as well as those matters in

CEMP.6, and that it includes details of:

- (a) Staff and contractors' responsibilities;
- (b) Training requirements for employees, sub-contractors and visitors;
- (c) Environmental incident and emergency management;
- (d) Communication and interface procedures (in accordance with the Communication Plan required under Condition PI.2);
- (e) Environmental complaints management (including the procedures required under Condition PI.4);
- (f) Compliance monitoring;
- (g) Reporting (including detail on the frequency of reporting to the Auckland Council);
- (h) Environmental auditing; and
- (i) Corrective action.

CEMP.3

The management of key environmental effects associated with the construction phase of the Project is detailed within environmental management plans that are included in the CEMP as appendices. This suite of management plans as shown on Figure CEMP.A comprises:

- (a) Construction Noise and Vibration Management Plan (CNVMP);
- (b) Construction Air Quality Management Plan (CAQMP);
- (c) Erosion and Sediment Control Plan (ESCP);
- (d) Temporary Stormwater Management Plan (TSMP);
- (e) Ecological Management Plan (ECOMP);
- (f) Groundwater Management Plan (GWMP);
- (g) Settlement Effects Management Plan (SEMP);
- (h) Contaminated Soils Management Plan (CSMP);
- (i) Hazardous Substances Management Plan (HSMP);
- (j) Archaeological Site Management Plan (ASMP);

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- (k) Construction Traffic Management Plan (CTMP);
- (l) Concrete Batching and Crushing Plant Management Plan (CBCPMP);
- (m) Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP) (to be prepared in accordance with Condition CEMP.15);
- (n) Waste Management Plan (to be prepared in accordance with Condition CEMP.10); and
- (o) Temporary Construction Lighting Management Plan (to be prepared in accordance with Condition L.2).

CEMP.4

The CEMP shall be implemented and maintained throughout the entire construction period.

CEMP.5

A copy of the CEMP shall be held on each construction site at all times and be available for inspection on request by the Auckland Council.

CEMP.6

The finalised CEMP shall include specific details on demolition, construction and management of all works associated with the Project. The certification process of the CEMP shall confirm that the CEMP includes details of the following:

- (a) Details of the site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) The location of large notice boards that clearly identify the NZTA and the Project name, together with the name, telephone, email address and address for service of the site or Project manager and the community liaison person;
- (c) An outline construction programme of the work indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- (d) The hours of work, which should reflect the need to ensure that residents enjoy reasonable freedom from noisy or intrusive construction activity in their neighbourhood at night, on Sundays and during public holidays;
- (e) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/ storage of rubbish, storage and unloading of building materials and similar construction activities;
- (f) Location of worker's offices and conveniences (e.g. portaloos);
- (g) Procedures of controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- (h) Methods to stabilise ingress and egress points to construction sites, to the standard required by ARC Technical Publication 90 (Nov 2007);
- (i) Procedures for ensuring that residents within 100m of construction areas or other people whose use of an area may be disrupted by construction works (for example the Te Atatu Boating Club for works on the Whau River) are given notice of the commencement of construction activities and are informed about the expected duration of the works, including potentially through the community liaison person;
- (j) Procedures to be followed to ensure that those working in the vicinity of identified heritage and ecological features are aware of the heritage or ecological values of these features and the steps which need to be taken to meet the conditions applying to work on the site;
- (k) Means of ensuring the safety of the general public;
- (l) Procedures for the community liaison person to receive and respond to complaints about construction activities, including dust and odour from the works;
- (m) Methods of mitigating the local and network wide effects of construction of individual elements of the Project, including measures to ensure that parking of staff vehicles on surrounding streets is restricted;
- (n) All temporary boundary/ security fences shall be maintained in good order, with any graffiti removed as soon as possible;
- (o) Confirmation of a Project Arborist and completion of a STEM assessment of the preliminary list of Amenity Trees in Schedule E.7 of the AEE to confirm the final Amenity Trees; and
- (p) The process to minimise removal of Amenity Trees, maximise the protection of those retained, undertake

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relocation of Amenity Trees and replacement planting of specimen trees (in accordance with Conditions LV.10 and ARCH.9)).

(q) Advice note: For the purposes of CEMP.6(o) and (p), Amenity Tree is defined as a tree or trees that contribute significantly to amenity, taking into account its form, size, health, ecological or historical significance (a preliminary list of these trees is provided in Appendix E.7 of the AEE).

CEMP.7

The layout of the 12 Construction Yards, including associated buildings, fencing and site access shall be developed in accordance with Waterview Connection Project Construction Yards Plans (Refer Schedule A, Row 7). The layout drawings shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to the occupation of the yard, for review and certification that the final layout of the construction yards is in accordance with the conditions. The layout drawings shall incorporate the following:

- (a) The main access to the construction yards to be located as far as practicable from residential dwellings, taking into account site and public safety and environmental constraints, in the locations shown on Waterview Connection Project Construction Yards Drawings (Refer Schedule A, Row 7);
 - (b) Noisy construction activities to be located as far as practicable, and preferably no less than 100m, from residential dwellings; Construction of temporary boundary/ security fences to be undertaken in a manner which minimises impacts on existing trees;
 - (c) Temporary acoustic fences and visual barriers;
 - (d) Temporary buildings greater than 8 metres in height to be located in a position which minimises visual impact on adjacent residential dwellings; and
- Location of workers' and Project vehicle parking.

CEMP.8

All storage of material and equipment associated with the construction works shall take place within the boundaries of the designation.

CEMP.9

Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the roads during the site preparation and construction phase of the Project. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standards as existed prior to such damage at no cost to the Auckland Council.

CEMP.10

The NZTA shall finalise and implement the Hazardous Substances Management Plan (HSMP), through the CEMP (as per Condition CEMP.1), submitted with this application, prior to works commencing on site. The certification process of the CEMP shall confirm that the HSMP clearly identifies the requirements for proper storage, handling, transport and disposal of hazardous substances during the construction phase of the Project and confirm that there shall be no storage of explosives on the Project site.

CEMP.11

The NZTA shall develop and implement a Waste Management Plan in accordance with the waste management principles, controls and methods set out in the CEMP. The Plan shall be provided to the Major Infrastructure Team Manager, Auckland Council and be implemented throughout the entire construction period.

CEMP.12

The CEMP shall be reviewed by the NZTA at least annually or as a result of a material change to the Project. The review shall take into consideration:

- (a) Compliance with designation and consent conditions;
- (b) Any changes to construction methods;
- (c) Key changes to roles and responsibilities within the Project;

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- (d) Changes in industry best practice standards;
- (e) Changes in legal or other requirements;
- (f) Results of inspections, monitoring, incidents, corrective actions, internal or external assessments; and
- (g) Public complaints.

A summary of the review process undertaken shall be kept by the NZTA, provided annually to the Major Infrastructure Team Manager, Auckland Council and made available (with any related data) to the Auckland Council upon request.

CEMP.13

Following the review process (as described in Condition CEMP.12), the CEMP may require updating. Any material change proposed to the CEMP (including appended Management Plans) shall be submitted for approval to the Major Infrastructure Team Manager, Auckland Council at least 10 working days prior to the proposed changes taking effect.

Advice Note:

Material change will include amendment to any base information informing the CEMP or any process, procedure or method of the CEMP (such as the environmental constraints map, compliance monitoring process, complaints procedure or mitigation / remedial methods identified) which has the potential to increase adverse effects on a particular value. For clarity changes to personnel and contact schedules do not constitute a material change.

CEMP.14

The CEMP shall include, as an appendix, an Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP). The EISDCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council, and include:

(a) Methods and measures:

- (i) To ensure that the existing high voltage infrastructure can be accessed for maintenance at all reasonable times, or emergency works at all times, during and after construction activities.
- (ii) To appropriately manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear, to the overhead transmission lines
- (iii) To ensure that no activity is undertaken during construction that would result in ground vibrations and/or ground instability likely to cause material damage to the transmission lines, including support structures.
- (iv) To ensure that changes to the drainage patterns and runoff characteristics do not result in adverse effects from stormwater on the foundations for any high voltage transmission line support structure.
- (b) Sufficient detail to confirm that new planting and maintenance of vegetation will comply with the New Zealand Electricity (Hazard from Trees) Regulations 2003, including, but not limited to, the provisions of Schedule (Growth Limit Zones) to those Regulations.
- (c) Sufficient detail to confirm that the works will comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001), including, but not limited to, the provisions of:
 - (i) Clause 2.2 with respect to excavations near overhead support structures;
 - (ii) Clause 2.4 with respect to buildings near overhead support structures;
 - (iii) Section 3 with respect to minimum separation between buildings and conductors;
 - (iv) Section 5 with respect to minimum safe distances for the operation of mobile plant; and,
 - (v) Table 4 with respect to minimum safe separation distances between the ground and the overhead conductors.
- (d) Confirmation that Transpower has been provided a copy of the EISDCMP for their review at least 20 working days prior to construction.

Advice note: With respect to clause (c), specific consideration must be given to the height and location of temporary structures (such as Project offices and other construction site facilities) and permanent structures (such as lighting poles, signage, gantries and acoustic barriers).

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CEMP.15

The NZTA will be responsible for all service relocations required for construction of the Project. The NZTA shall liaise with the providers of infrastructure service networks (including, but not limited to water, gas, stormwater, wastewater, power and telecommunications), and private property owners with on-site services to develop methodologies and timing for necessary services relocation required for the Project, with the objective of minimising disruption to the operation of these service networks and onsite services.

Advice note:

(a) It is noted that if separate consents are required for relocations for any services of network utility operators or landowners, such consents will be obtained before construction commences in the relevant area, and any effects of those relocations would be considered at that time. The same applies to any alteration of consents if required.

(b) Network infrastructure owned and operated by Watercare Services is located within the designations. An operating agreement will be developed by the NZTA and Watercare Services which will include appropriate notification and access protocols where works are to be undertaken by either network operator on or adjacent to Watercare Services infrastructure within the designations.

Public Information Conditions

PI.1.

A community liaison person shall be appointed by the NZTA for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the Project. The liaison person's name and contact details shall be made available in the CEMP and on site signage by the NZTA. This person must be reasonably available for on-going consultation on all matters of concern to affected parties arising from the Project.

PI.2.

The NZTA shall prepare and implement a Communications Plan that sets out procedures detailing how the public, Ministry of Social Development, Housing New Zealand Corporation and other organisations representing the particular demographic characteristics of the community (including but not limited to Primary Health Organisations, general practitioners, youth, education organisations, aged care groups and groups representing ethnic and migrant communities) will be communicated with throughout the construction and monitoring periods (as prescribed in the designation and consent conditions).

In preparing the Communications Plan, the NZTA will liaise with Auckland Council to access its community liaison databases. The Communications Plan will include details of:

- (a) The site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) In accordance with these Conditions, the database of the key construction activities and monitoring requirements that are the subject of the Communications Plan;
- (c) The database of stakeholders and residents who will be communicated with;
- (d) Communication methods, an assessment of how these methods reach the different audience/ stakeholder groups (including those methods set out in Condition CEMP.6), and detail on when each of these methods will be used (e.g. regular communication or event specific methods);
- (e) The appointed specialist in Environmental and Occupational Medicine, including contact details (as per Condition SO.13);
- (f) Any stakeholder specific communication plans required; and
- (g) Monitoring and review procedures for the Communications Plan.

The Communications Plan shall be written in accordance with the external communication procedures set out in the CEMP and provided at least 20 working days prior to construction commencing, to the Major Infrastructure Team Manager, Auckland Council, Working Liaison Group and the Community Liaison Group(s) established by Condition PI.5. The structure of the communication groups set out in these conditions is attached as Figure PI.A.

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PI.3.

At least 15 working days prior to the commencement of construction, and at 15 working day intervals thereafter, or as required depending on the scale of works and effects on the community, advertisements will be placed in the relevant local newspapers and community notice boards (as identified in Condition CEMP.6(b)) detailing the nature of the forthcoming works, the location of the forthcoming works and hours of operation. All advertisements will include reference to a 24 hour toll free complaints telephone number. Where relevant, advertisements will also include but not be limited to details of:

- (a) Any traffic disruptions or controls or changes to property access, pedestrian/ cycle routes and bus stops; and
- (b) Any other construction activities, including night time works, blasting, and structure-borne noise, as identified in the conditions.

PI.4.

The NZTA shall manage, investigate and resolve (as appropriate) all complaints for the duration of the construction works in accordance with the environmental complaints section of the CEMP. The implementation strategy for complaints includes:

- (a) A 24 hour toll free telephone number and email address, which shall be provided to all potentially affected residents and businesses. The number shall be available and answered at all times during the entire duration of the works for the receipt and management of any complaints. A sign containing the contact details shall be located at each site specific work activity;
- (b) The NZTA shall maintain a record of all complaints made to this number, email or any site office, including the full details of the complainant and the nature of the complaint;
- (c) Upon receiving a complaint, within 10 days of complaint receipt, a formal written response will be provided to the complainant and Auckland Council;
- (d) The NZTA shall undertake corrective action where necessary to resolve any problem identified. All action taken and relevant information shall be documented. For the avoidance of doubt, 'where necessary' refers to where the works are not being carried out in accordance with conditions of this designation;
- (e) Where issues and complaints about effects cannot be resolved through the CEMP complaints management process, a meeting shall be held between the NZTA, the complainant and the Auckland Council representative(s) to discuss the complaint and ways in which the issue may be resolved. If parties cannot agree on a resolution, an independent qualified mediator will be appointed, agreeable to all parties and at the shared cost of all parties, to undertake mediation of the dispute or concerns; and
- (f) All information collected in Conditions PI.4 (b), (c) and (d) shall be detailed in a Construction Compliance Report (including the means by which the complaint was addressed, whether resolution was reached and how the response was carried out) prepared by the NZTA. This Report shall be submitted to the Major Infrastructure Team Manager, Auckland Council on a quarterly basis commencing at the beginning of the works and for the entire duration of construction.

PI.5.

The NZTA shall establish Community Liaison Group(s) at least two months prior to construction commencing in each of the following key construction areas:

- (a) Te Atatu (including the SH16 Causeway)
- (b) Waterview (including works to St Lukes on SH16 and on the Waterview Estuary and Causeway Bridges)
- (c) Owairaka

and hold regular meetings (at least three monthly) throughout the construction period and up to 24 months following construction completion relevant to these areas (or less if the members of the Group agree), so that on-going monitoring information can continue to be disseminated.

The Community Liaison Group(s) shall be open to all interested parties within the Project area including, but not limited to the following groups:

- (a) Auckland Council and Auckland Transport;
- (b) Educational facilities within the Project area (including schools, kindergartens, childcare facilities and Unitec

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Institute of Technology);

(c) Relevant community/ environmental groups (including but not limited to Friends of Oakley Creek, Star Mills Preservation Group, Cycle Action Auckland and representatives from those organisations identified in the Communications Plan (as required by Condition PI.2) and local residents;

(d) Department of Conservation;

(e) Local Boards;

(f) Iwi groups with Mana Whenua;

(g) Public transport providers; and

(h) Housing New Zealand Corporation.

Advice note: The purpose of the Community Liaison Group(s) is to provide a regular forum through which information about the Project can be provided to the community, and an opportunity for concerns or issues to be raised.

PI.6.

The Community Liaison Group(s) shall be provided opportunities to review and comment on the following (amongst other things):

(a) The Outline Plan of Works detailing designs for the northern and southern ventilation buildings and stacks (the outcomes of this consultation will be reported in accordance with the processes required in DC.8(n) and DC.9(k);

(b) The Open Space Restoration Plans (as required by Condition OS.3);

(c) Finalisation and amendment to Urban Design and Landscape Plans (UDL Plans) (as required by Condition LV.1);

(d) The Oakley Inlet Heritage Plan (as required by Conditions OS.5(b)(i) and ARCH.6);

(e) The detail of the Oakley Creek restoration (as required by Condition STW.20);

(f) Publicly available results of environmental monitoring as required by the designation and/or these Consents (e.g. air quality monitoring); and

(g) The finalisation of the STEM assessment required by CEMP.6(o) and a schedule of trees that are required to be removed for consideration of timber use in heritage projects as required by Condition SO.7.

Advice Note: Attention is drawn to the Vegetation conditions concerning identification and protection of Significant Vegetation and Valued Vegetation.

(h) Detailed design features of the Te Atatu underpass (e.g. lighting and architectural treatment).

Temporary Traffic Conditions

TT.1

The NZTA shall update and finalise the Construction Traffic Management Plan (CTMP) submitted with this application, in accordance with these conditions, and implement it through the CEMP.

In finalising the CTMP, the NZTA shall:

(a) Provide simulation modelling demonstrations to better understand the effects of construction of the Project on the affected road network;

(b) Include measures to avoid road closures and restrictions of vehicle, bus, cycle and pedestrian movements;

(c) Where road closures or restrictions cannot reasonably be avoided the particular vulnerabilities and sensitivities of pedestrian diversions and restricted conditions shall be taken into account in the planning of any closures or restrictions.

TT.2

The CTMP shall require the development of Site Specific Traffic Management Plans (SSTMPs) and their approval by the Traffic Management Project Governance Group (as defined by the CTMP), for each construction activity that may affect traffic or transportation infrastructure and services. The SSTMPs shall be provided to the Traffic Management Coordinator(s) for the relevant Road Controlling Authority at least 10 working days prior to

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each construction activity.

TT.3

Each SSTMP shall describe the measures that will be undertaken to avoid, remedy or mitigate the local and network wide effects of construction of the Project. In particular, the SSTMP shall include the following matters:

- (a) Traffic management measures to address and maintain, traffic capacity, including bus services, at peak traffic periods during weekdays (6:00 to 9:00 and 16:00 to 19:00) and peak traffic periods at weekends (including Te Atatu Road, Great North Road and Richardson Road);
- (b) Methods to manage the effects of traffic during construction including the requirement to detour or divert traffic. These methods shall seek to avoid, remedy or mitigate effects on access to and from businesses and other organisations in the area;
- (c) Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- (d) Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (e.g. intersections/ overbridges) and the use of staging to allow sections of the Project to be opened to the traffic while other sections are still under construction;
- (e) Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks) during construction;
- (f) Any routes where construction traffic movements will be restricted (either for particular times for construction periods);
- (g) Measures to maintain existing vehicle access, as far as practicable, or where the existing property access is to be removed or becomes unsafe as a result of the construction works, measures to provide alternative access arrangements in consultation with the Auckland Council and the affected landowner; and
- (h) Measures to maintain pedestrian and cycle access with thoroughfare to be maintained on all roads and footpaths adjacent to the construction works, where practicable (e.g. unless provision of such access is severed by the works or such access will become unsafe as a result of the construction works). Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours. (This Condition does not act as a qualification to the commitment to maintain access to open space and education facilities, as required in Condition OS.13).

TT.4

The SSTMPs shall include traffic management measures developed in consultation with the Auckland Transport, Bus and Coach Association and the Auckland Council, to address and maintain, where practicable, existing levels of service for buses particularly at peak periods (6:00 to 9:00 and 16:00 to 19:00) on weekdays.

TT.5

The NZTA shall consult with the Traffic Operations Manager, Auckland Transport with regard to the most appropriate means for providing access on Council roads within and adjacent to the designation. The NZTA shall also coordinate and consult directly with the proponents of any major construction or major traffic generating event occurring concurrently with, and in the vicinity of the Project.

TT.6

The SSTMPs shall include measures developed in consultation with Auckland Transport to, as far as practicable, enable continued public walking and cycling passage along the existing Northwestern Cycleway (between Te Atatu Interchange and St Lukes Interchange) and along Great North Road and the public walkway along Oakley Creek, with any interruptions being as short as feasible.

TT.7

The NZTA shall undertake construction works so as to avoid significant long duration impacts or the full closure of Te Atatu Road for all road users heading to or from the Te Atatu Peninsula and to ensure that access for emergency service vehicles is maintained.

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TT.8

The NZTA shall restrict construction truck movements during peak hours (6:00 to 9:00 and 16:00 to 19:00) on weekdays and during the peak periods at the weekends to avoid the following:

- (a) Te Atatu Road Interchange, during both morning and afternoon peak hours
- (b) Great North Road Interchange, city bound during the morning peak hours
- (c) Great North Road Interchange, west bound onto SH16 and southbound onto Great North road during the afternoon peak.

Construction truck movements during these hours shall only be allowed under exceptional circumstances agreed in advance with the Traffic Management Project Governance Group.

TT.9

The NZTA shall maintain at least the existing active traffic lane configuration capacity on SH16, at the Te Atatu Interchange area, Te Atatu Road, Richardson Road and on Great North Road during peak periods being 6:00 to 9:00 and 16:00 to 19:00 on weekdays and during the peak periods on weekends, for the duration of the temporary construction programme.

TT.10

The NZTA shall monitor the impact of construction traffic in terms of traffic speeds and volumes on SH16, Great North Road, Te Atatu Road and Richardson Road throughout the construction period to confirm the expected traffic effects as set out in the Temporary Traffic Assessment (Technical Report G.16) submitted with this application.

- (a) This monitoring will be undertaken on a daily, weekly and monthly basis; and
- (b) Monitoring results will be made available to the Traffic Operations Manager, Auckland Transport on request.

TT.11

If monitoring undertaken pursuant to Condition TT.10 indicates that traffic volumes or traffic conditions are significantly different from those expected, the SSTMPs will be reviewed and as appropriate amended to the satisfaction of the Traffic Management Project Governance Group.

Operational Traffic Conditions

Integration with Local Road Network

OT.1

The NZTA shall prepare in collaboration with Auckland Transport a Network Integration Plan (NIP) for the Project, or relevant Project phases, to demonstrate how the Project integrates with the existing local road network and with future improvements (identified in the Western Ring Route (Northwest) Network Plan) planned by the Auckland Council. The NIP shall include details of proposed physical works at the interface between the State highway and the local road network, and shall address such matters as pedestrian/ cycle ways, lane configuration, traffic signal co-ordination, signage and provision for buses

In addition, the NIP will address:

- (a) The commitment of the NZTA to progress bus priority measures northbound on Great North Road as part of the reinstatement of Great North Road, as proposed by Auckland Transport and indicated on the Plans Great North Road Option 1 Proposed Road Marking (Schedule A, Row 33), subject to the agreement with Auckland Transport;
- (b) How the works committed to by the NZTA for pedestrian and cycle ways, as detailed in the PT and Active Mode Transport Routes Plan Set (Condition DC.1(d) (refer Schedule A, Row 22)), integrate with pedestrian and cycle ways on the wider transport network;
- (c) The Richardson Road Bridge, which shall be designed in general accordance with the structural plans (Schedule A, Row 9) and the commitment of the NZTA to provide a 2m footpath on Richardson Road Bridge, subject to confirming appropriate bus stop locations with Auckland Transport;
- (d) Integration of the works proposed on Te Atatu Road to appropriately transition between the Waterview Connection Project and any projects being progressed by Auckland Transport;

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(e) Opportunities to review traffic signal timings at the Te Atatu Interchange with a view to minimising delays to all users, including cyclists on the SH16 cycle way; and

(f) The commitment of the NZTA to provide for cycle “aspects” (cycle signal lights) at the Great North Road Interchange.

(g) As part of detailed design at the Te Atatu Interchange, the installation of underpasses and/or overbridges, provided however that should some not prove feasible in civil or traffic engineering design terms, the installation of coordinated traffic signal operation for cyclists on the north-western cycleway by means of synchronised cycle lights which seek to reduce delays for cyclists.

Works identified in the NIP which are the responsibility of the NZTA, will be undertaken as at the time of construction works for the Project.

Noise and Vibration Conditions – Construction

CNV.1

The NZTA shall finalise and implement through the CEMP, a Construction Noise and Vibration Management Plan (CNVMP) throughout the entire construction period of the Project.

The CNVMP shall describe the measures adopted to meet:

- (a) the noise criteria set out in Conditions CNV.2 and 3 below;
- (b) the vibration criteria set out in Condition CNV.4 below; or
- (c) where (a) or (b) cannot be met, the process that will be followed to appropriately mitigate noise and vibration effects including methods that may be applied outside the designation.

The CNVMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CNVMP, as a minimum, addresses the following:

- (i) Construction noise and vibration criteria (Conditions CNV.2, CNV.3, and CNV.4);
- (ii) Hours of operation, including times and days when noisy and/or vibration inducing construction activities would occur;
- (iii) Machinery and equipment to be used;
- (iv) Vibration testing of equipment to confirm safe distances to buildings prior to construction;
- (v) Preparation of building condition surveys of critical dwellings prior to, during and after completion of construction works;
- (vi) Roles and responsibilities of personnel on site;
- (vii) Construction operator training procedures;
- (viii) Methods for monitoring and reporting on construction noise and vibration;
- (ix) A hierarchy of mitigation options that will be assessed for the Project noise mitigation, including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved;
- (x) Management schedules containing site specific information;
- (xi) Measures for liaising with and notifying potentially affected receivers of proposed construction activities and the potential for noise and vibration effects, specifically:
 - PPFs located within a horizontal distance of 35 metres of underground excavation works, along the tunnel alignment shall receive prior notification not greater than 7 days (and not less than 24 hours) prior to the commencement of works.
 - Methods for ensuring residents affected by night works (within 100m of the construction site night works, as defined on the maps (refer Schedule A, Row 35) are notified of such works (i.e. any works during the hours of 20:00 to 06:30) at least 5 days prior to the commencement of any such work.
 - The maps showing PPFs to be notified of night works (refer Schedule A, Row 35, shall be reviewed and included within the CNVMP.
- (xii) Methods for receiving and handling complaints about construction noise and vibration;
- (xiii) Measures for preventing the occurrence of rogue fly rock, including management of charge weights and face loading procedures, stemming of charge holes and profiling of the face to maintain minimum burden (face cover);

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- (xiv) Investigations on the practicability of implementing permanent noise mitigation works for construction mitigation (as per Condition CNV.7);
- (xv) Investigations of the practicability of implementing Building Modification mitigation, as required in accordance with Conditions ON.6 and ON.11, prior to commencement of construction within 100m of the relevant PPFs (including those on the Unitec site); and
- (xvi) The process for developing Site Specific Noise Management Plans (SSNMP), in accordance with the SSNMP Flow Chart (refer Schedule A, Row 36), including templates and a certification process for the Major Infrastructure Team Manager, Auckland Council (in accordance with Condition CNV.13) to confirm the process of SSNMP review of noise mitigation options where, the modelled/predicted levels or subsequent actual levels exceed the criteria in Conditions CNV.2 and/or CNV.4.

CNV.2

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction noise (excluding noise from blasting Monday to Saturday inclusive) shall be measured and assessed in accordance with NZS 6803:1999 "Acoustics - Construction Noise" and shall comply with the following criteria:
Note: In Condition CNV.2 (T) means a duration between 15 minutes and 60 minutes, in accordance with NZS6803:1999.

(a) Project Construction Noise Criteria: Residential Receivers

Time of Week	Time period	Project Construction Noise Criteria (Long Term Construction) dB		
		Sectors 1-7	Sectors 8-9	All Sectors
		LAeq(T)	LAeq(T)	LAeq(T)
Monday- Saturday	0630-0730	60	45	75
	0730-1800	70	70	85
	1800-2000	65	65	80
	2000-0630	60	45	75
Sundays and Public Holidays	0630-0730	45	45	75
	0730-1800	60	45	85
	1800-2000	45	45	75
	2000-0630	45	45	75

(b) Project Construction Noise Criteria: Commercial and Industrial Receivers

Time Period	Project Construction Noise Criteria (Long Term Construction) dB
	LAeq(T)
0730-1800	70
1800-0730	75

(c) Project Construction Noise Criteria: Internal Structure-borne Noise from tunnelling for Residential Receivers

Time Period	Project Construction Noise Criteria Inside	
0600-2200	35 dB LAeq(T)	All habitable rooms
2200-0600	30 dB LAeq(T)	Bedrooms

(d) Project Construction Noise Criteria: Internal noise for Licensed Educational Facilities

Time Period (School Days)	Project Construction Noise Criteria Inside	
Teaching Hours	45 dB LAeq(T)	Classrooms, library, offices, teaching, laboratories, manual arts, workshops
Teaching Hours	40 dB LAeq(T)	School hall, lecture theatres

Note: In Condition CNV2(d) "Teaching hours" means: Primary schools and Kindergartens: 9am to 3pm Unitec: 8am to 9pm

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CNV.3

Project Construction Noise Criteria: Airblast (excluding Sundays)

Category	Type of Blasting Operations	Peak Sound Pressure Level (LZpeak dB)
Human Comfort Limits		
Sensitive Site	Operations lasting longer than 12 months or more than 20 Blasts	115 dB for 95% blasts per year. 120 dB maximum unless agreement is reached with occupier that a higher limit may apply
Sensitive Site	Operations lasting less than 12 months or less than 20 Blasts	120 dB for 95% blasts per year. 125 dB maximum unless agreement is reached with occupier that a higher limit may apply
Occupied non-sensitive sites such as factories and commercial premises	All blasting	125 dB maximum unless agreement is reached with the occupier that a higher limit may apply. For sites containing equipment sensitive to vibration, the vibration should be kept below manufacturer's specifications of levels that can be shown to adversely affect the equipment operation
Damage Control Limits		
Structures that include masonry, plaster and plasterboard in their construction and also unoccupied structures of reinforced concrete or steel construction	All blasting	133 dB unless agreement is reached with owner that a higher limit may apply.
Service structures such as pipelines, powerlines and cables located above ground	All blasting	Limit to be determined by structural design methodology

CNV.4

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction vibration received by any building shall be measured and assessed in accordance with the German Standard DIN 4150-3:1999 "Structural vibration – Part 3: Effects of vibration on structures", and shall comply with the criteria set out as follows:

Type of Structure	Short-term vibration			Long-term vibration	
	PPV at the foundation at a frequency of				
	1-10 Hz (mm/s)	1-50 Hz (mm/s)	50-100 Hz (mm/s)	PPV at horizontal plane of highest floor (mm/s)	PPV at horizontal plane of highest floor (mm/s)
Commercial/Industrial	20	20-40	40-50	40	10
Residential/School	5	5-15	15-20	15	5
Historic or Sensitive structures	3	3-8	8-10	8	2.5

CNV.5

Notwithstanding Condition CNV.3 above,

(a) Blasting activities shall be conducted so that 95% of the blasts undertaken (measured over any twenty

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blasts on the foundation of any building outside the designation boundary) shall produce peak particle velocities not exceeding 5mm/s and 100% of the blasts undertaken shall produce peak particle velocities not exceeding 10mm/s irrespective of the frequency of the blast measured.

(b) Construction activities, which occur within Sectors 1, 6, 8 and 9 which are identified in Technical Report no. G.19 Assessment of Vibration Effects, as being at a 'High Risk' of exceeding the DIN 4150-3:1999 criteria (being excavation, piling, compaction and drilling) shall be conducted so that 95% of the activities undertaken (measured over at least 20 representative samples of the relevant activity on any residential building) shall produce peak particle velocities not exceeding the relevant criterion in DIN 4150-3:1999 and 100% of the activities undertaken shall not exceed 10mm/s irrespective of the frequency of the activity measured.

CNV.6

Blasting shall be undertaken between 09:00h and 17:00h, Monday to Saturday, except that blasting may be undertaken between 09:00h and 17:00h on Sundays where:

- (a) The blasting is at least 50m inside the Sector 8 tunnel;
- (b) The blasting produces peak particle velocities at any residential building not exceeding 0.5mm/s; and
- (c) The Project construction noise criteria set out in Condition CNV.2 for Sundays are complied with.

CNV.7

Where practicable, permanent (traffic) noise barriers, required in any Sector as Detailed Mitigation Options for operational noise following completion of the Project (in accordance with Conditions ON.3 to ON.5) shall be erected prior to noise generating construction works commencing. Where this is not practicable, temporary noise mitigation measures shall be implemented in accordance with the CNVMP, prior to noise generating construction works commencing.

CNV.8

Pile driving or pile removal shall not be undertaken at night (i.e. during the hours of 20:00 – 06:30).

CNV.9

The concrete batch plants, rock crushing plants and the loading bays and conveyors for such plants shall be fully enclosed.

CNV.11

For all other properties, if noise and vibration monitoring of the tunnelling works for the Project (in accordance with Condition CNV.1), indicates that the noise or vibration criteria of Conditions CNV.2 or CNV.4 will potentially be exceeded, then the process set out in the CNVMP will be undertaken including Site Specific Noise Management Plans. Where relocation for residents is proposed, notification of such relocation with residents and property owners will be undertaken in accordance with the processes contained in the CNVMP.

CNV.13

SSNMPs (required by Condition CNV.1(xvi)) above, shall be submitted to Major Infrastructure Team Manager, Auckland Council for review and certification at least 7 working days prior to the proposed works commencing. A decision will be provided by the Council within 5 working days of receipt of the SSNMP.

Works will not commence until certification is received from the Major Infrastructure Team Manager, Auckland Council. The Council may, at its discretion, waive the requirement for SSNMPs to be submitted to the Council where an SSNMP is required.

If monitoring shows that levels specified in a SSNMP are being exceeded, work generating the exceedence will stop and not recommence until further mitigation is implemented in accordance with an amended SSNMP certified by Council.

Advice note: It is accepted that the criteria of CNV.2 and CNV.4 may not be met at all times, but that the NZTA will take all practical steps to achieve compliance, taking into account the hierarchy of mitigation options outlined in Condition CNV.1 (ix).

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Noise Conditions – Operation

ON.1

For the purposes of Conditions ON.2-ON.14 the following terms will have the following meanings:

- Appendix E – means Appendix E to the Technical Report G.12 ‘Assessment of Operational Noise Effects’ submitted with this application.
- BPO – means Best Practicable Option.
- Building Modification Mitigation – has the same meaning as in NZS 6806:2010.
- Design Year – means a point in time that is 10 years after the opening of the Project to the public
- Emergency Mechanical Services – means mechanical services used for emergency situations only.
- Habitable room – has the same meaning as in NZS 6806:2010.
- Noise Criteria Categories – means groups of preference for time-averaged sound levels established in accordance with NZS 6806:2010 when determining the BPO mitigation option; i.e. Category A - primary noise criterion, Category B - secondary noise criterion and Category C - internal noise criterion.
- NZS 6806:2010 – means NZS 6806:2010 Acoustics – Road-Traffic Noise – New and Altered Roads.
- PPFs – means only the premises and facilities identified in green, yellow or red in Appendix E.
- Structural mitigation – has the same meaning as in NZS 6806:2010.

ON.2

The NZTA shall implement the traffic noise mitigation measures identified as the “Preferred Mitigation Options” in Appendix E as part of the Project, in order to achieve the Noise Criteria Categories indicated in Appendix E (“Identified Categories”), where practicable and subject to Conditions ON.3-ON.11 below.

ON.3

The detailed design of the structural mitigation measures of the “Preferred Mitigation Options” (the Detailed Mitigation Options) shall be undertaken by a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council prior to construction of the Project, and, subject to Condition ON.4, shall include, as a minimum, the following:

- (a) Noise barriers with the location, length and height in general accordance with Appendix E and designed in accordance with the ULDF (Section B) (refer Schedule A, Row 38); and
- (b) A requirement that Open Graded Porous Asphalt (“OGPA”) or equivalent low-noise generating road surface be used on all surface roads throughout the Project, except at the Great North Road Interchange; and
- (c) For the Great North Road Interchange, a requirement that Twin Layer Open Graded Porous Asphalt (“Twin Layer OGPA”) or equivalent low-noise generating road surface be used as shown in Appendix E.

ON.4

Where the design of the Detailed Mitigation Options identifies that it is not practicable to implement a particular structural mitigation measure in the location or of the length or height included in the “Preferred Mitigation Options”, either:

- (a) If the design of the structural mitigation measures could be changed and would still achieve the same Identified Category at all relevant PPFs, and a suitably qualified expert approved by the Major Infrastructure Team Manager, Auckland Council, certifies to the Auckland Council that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measures; or
- (b) If the changed design of the structural mitigation measure would change the Noise Criteria Category at any relevant PPF from Category A or B to Category C but Major Infrastructure Team Manager, Auckland Council confirms that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed structural mitigation measures.

ON.5

The Detailed Mitigation Options shall be implemented prior to completion of construction of the Project.

ON.6

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(a) Sectors 1 to 8 - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options:

- i. A noise level increase of 3 decibels or more will occur due to road-traffic noise from the Project; and
- ii. Habitable spaces are likely to receive in excess of 45 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year.

For those PPFs, following the process set out in Conditions ON.7 to ON.11, it shall be determined which Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces.

(b) Sector 9 - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options, habitable spaces are likely to receive in excess of 40 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year. For those PPFs, following the process set out in ON.7 and ON.8, it shall be determined if Building Modification Mitigation may be required to achieve 40 dB LAeq inside habitable spaces. For those PPFs where Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces, this shall be implemented following the process set out in ON.9 to ON.11.

ON.7

(a) Prior to commencement of construction of any sector of the Project in the vicinity of a PPF identified under Condition ON.6, the NZTA shall write to the owner of each such building seeking access for the purpose of measuring internal noise levels and assessing the existing building envelope in relation to noise reduction performance.

(b) If the owner(s) of the building approve the NZTA's access to the property within 12 months of the date of the NZTA's letter (sent pursuant to Condition ON.7(a)), then no more than six months prior to commencement of construction in any sector of the Project, the NZTA shall instruct a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council, to visit the building to measure internal noise levels and assess the existing building envelope in relation to noise reduction performance.

ON.8

Where a PPF identified under Condition ON.6 is identified, the NZTA shall be deemed to have complied with Condition ON.7 above where:

- (a) The NZTA (through its acoustics specialist) has visited the building; or
- (b) The owner(s) of the building approved the NZTA's access, but the NZTA could not gain entry for some reason after repeated attempts; or
- (c) The owner(s) of the building did not approve the NZTA's access to the property within the time period set out in Condition ON.7(b) (including where the owner(s) did not respond to the NZTA's letter (sent pursuant to Condition ON.7(a) within that period); or
- (d) The owner(s) of the building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.

If any of (b) to (d) above apply to a particular Building, the NZTA shall not be required to implement any Building Modification Mitigation at that Building

ON.9

Subject to Condition ON.8, within 6 months of the assessment required under Condition ON.7(b), the NZTA shall give written notice to the owner of each PPF identified under Condition ON.6:

- (a) Advising of the options available for Building Modification Mitigation to the building; and
- (b) Advising that the owner has three months within which to decide whether to accept Building Modification Mitigation for the building, and if the NZTA has advised the owner that more than one options for building modification mitigation is available, to advise which of those options the owner prefers.

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ON.10

Once an agreement on Building Modification Mitigation is reached between the NZTA and the owner of an affected building, the mitigation shall be implemented (including the NZTA undertaking any required third party authorisation) in a reasonable and practical timeframe agreed between the NZTA and the owner. Building Modification Mitigation shall be to the standard specified in section 8.3.2 of NZS 6806:2010.

Advice Note: The NZTA will be responsible for obtaining any necessary building consents or other approvals to undertake the above Building Modification Mitigation.

ON.11

Subject to Condition ON.8, where Building Modification Mitigation is required, the NZTA shall be deemed to have complied with Condition ON.10 above where:

- (a) The NZTA has completed Building Modification Mitigation to the Building; or
- (b) The owner(s) of the Building did not accept the NZTA's offer to implement Building Modification Mitigation prior to the expiry of the timeframe stated in Condition ON.9(b) above (including where the owner(s) did not respond to the Requiring Authority within that period); or
- (c) The owner of the Building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.

ON.12

The NZTA shall manage and maintain the Detailed Mitigation Options to ensure that, those mitigation works are maintained to retain their noise attenuation performance indefinitely

ON.14

(a) Prior to construction, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake a minimum of 8 (eight) representative measurements of ambient noise levels. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(b) Following completion of the work, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake traffic noise monitoring at the same sites surveyed in Condition ON.14 (a) above, within 2 to 3 years following completion of construction of the Project. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(c) The results of the noise level monitoring in accordance with ON.14(b) above shall be used to verify the computer noise model of the Detailed Mitigation Option. A report describing the findings of the verification shall be provided to the Major Infrastructure Team Manager, Auckland Council within one month of it being completed.

Vibration Conditions - Operation

OV.1

Existing ambient vibration levels shall be measured at critical locations nominated by the NZTA, and submitted to the Major Infrastructure Team Manager, Auckland Council for approval prior to the commencement of works. These baseline measurements will establish pre-Project vibration levels for comparison with future vibration levels.

Air Quality Conditions – Construction

GENERAL CONDITIONS

AQ.1.

The NZTA shall finalise and implement, through the CEMP, the Construction Air Quality Management Plan (CAQMP) and Concrete Batching and Crushing Management Plan (CBCMP) submitted with the application. The CAQMP and CBCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the

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CAQMP and CBCMP includes the following details:

- (a) Daily visual monitoring of dust emissions;
- (b) Procedures for responding to process malfunctions and accidental dust discharges;
- (c) Criteria, including consideration of weather conditions and procedures for use of water sprays on stockpiles and operational areas of the site;
- (d) Continuous monitoring of Total Suspended Particulate (TSP) concentrations and meteorology;
- (e) Monitoring of the times of detectable odour emissions from the ground;
- (f) Procedures for responding to discharges of odour (including in the event of excavation of contaminated sites);
- (g) Monitoring of construction vehicle maintenance;
- (h) Process equipment inspection, maintenance, monitoring and recording, including baghouses, pressure relief valves and high level alarms;
- (i) Complaints investigation, monitoring and reporting; and
- (j) The identification of staff and contractors' responsibilities.

AQ.2.

The NZTA shall review the CAQMP and CBCMP at least annually and as a result of any material change to the Project. Any consequential changes will be undertaken in accordance with Condition CEMP.13.

AQ.3.

All construction activities shall be operated, maintained, supervised, monitored and controlled at all times so that all emissions authorised by this consent are maintained at the minimum practicable level.

AQ.4.

The NZTA shall undertake construction activities in accordance with the CEMP, CAQMP and CBCMP, such that:

- (a) Hard surfaced areas of the construction yards and active construction areas are vacuum swept or scraped down at least twice each week and additionally as reasonably required;
- (b) All unsealed areas of the site used for vehicle movement are maintained visibly damp by the use of water sprays or a water cart during weather conditions where the potential for dust emissions exist;
- (c) Wheel wash systems are installed at all truck exits from unpaved areas of the site onto public roads are used for all trucks that depart from the site;
- (d) All stockpiles are constructed and positioned to minimise the potential for dust emissions. The surfaces of all stockpiles are maintained adequately damp at all times to minimise the release of particulate matter;
- (e) Belt conveyors for moving dry materials are fitted with water sprays or enclosed to minimise wind entrainment of dust. Where installed, water suppression is used whenever the conveyors are used for moving dry materials.

AQ.5.

Unless expressly provided for by conditions of this consent, there shall be no odour, dust or fumes beyond the site boundary caused by discharges from the site which, in the opinion of an enforcement officer, is noxious, offensive or objectionable.

AQ.6.

All offensive or objectionable dust beyond the boundary of the site caused as a result of processes on the site shall be mitigated forthwith in accordance with the requirements of the Construction Air Quality Management Plan.

AQ.7.

Beyond the site boundary there shall be no hazardous air pollutant caused by discharges from the site that causes, or is likely to cause, adverse effects on human health, environment or property.

AQ.8

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No discharges from any activity on site shall give rise to visible emissions, other than water vapour, to an extent which, in the opinion of an enforcement officer, is noxious, dangerous, offensive or objectionable.

MONITORING

AQ.14

The NZTA shall undertake visual inspections of dust emissions as follows:

- (a) Visual inspections of all active construction areas at least three times daily during October to April inclusive, whenever there are construction activities. The results of visual monitoring shall be logged.
- (b) Visual inspections of dust emissions from the concrete batching plants and rock crushing plant shall be undertaken daily while the plant is operating

AQ.15

The operation of water sprays shall be checked at least once each day.

REPORTING

AQ.19.

All records, logs, monitoring and test results that are required by the conditions of this consent shall be made available on request, during operating hours, to an Auckland Council enforcement officer and shall be kept for the duration of the consent.

AQ.22.

Log books shall be maintained that record all relevant information that is required to demonstrate compliance with the conditions of this consent. This information shall include, but is not limited to:

- (a) Visual assessments of any dust emissions from the site and the source;
- (b) Any dust control equipment malfunction and any remedial action taken;
- (c) When a water cart was used and, if so, the frequency of use and the volume of water used (including identification of location);
- (d) All relevant details of the TSP and meteorological monitoring required by Conditions AQ.16 and AQ.17;
- (e) Any additional dust control measures undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

AQ.23.

The NZTA shall maintain a log of any complaints received relating to air quality. Details of each complaint received shall be forwarded to the Major Infrastructure Team Manager, Auckland Council within 24 hours of receipt of the complaint. The log shall include any complaints lodged with the Auckland Council where the Council has informed the NZTA of the complaint. The log shall include, but not be limited to the following:

- (a) The date, time, location and nature of the complaint;
- (b) Weather conditions at the time of the complaint (including approximate wind speed, wind direction, cloud cover);
- (c) Any possible other contributing factors (such as a fire, smoky vehicle, a local chimney emission, etc.);
- (d) The name, phone number and address of the complainant (unless the complainant elects not to supply these details);
- (e) Any remedial actions undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

Landscape and Visual Conditions

LV.1.

The Urban Design and Landscape Plans (UDL Plans) (Plan Set F.16, refer Schedule A, Row 17) shall be reviewed and revised in accordance with the conditions and submitted to the Major Infrastructure Team Manager, Auckland Council for certification that they comply with the conditions of the consents/ designation prior to construction of the relevant Project stage, at least 20 working days prior to the commencement of construction.

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The UDL Plans shall be updated to:

- (a) Reflect relevant details from the PT and Active Mode Transport Routes Plan Set (Schedule A, Row 23);
- (b) Remove the playing field at Waterview Reserve;
- (c) Confirm the reconfigured bund design at Alwyn Avenue (Schedule A, Row 42);
- (d) Reflect landscaping required in relation to the northern vent stack in Waterview Glades pursuant to Conditions DC.8.

LV.2.

In certifying the UDL Plans, prepared in accordance with Condition LV.1, the Major Infrastructure Team Manager, Auckland Council shall be satisfied the UDL plans includes:

- (a) The visual mitigation of infrastructure as detailed in Section B of the UDLF (refer Schedule A, Row 38).
- (b) Incorporation of art or art through design of structures, particularly as it relates to noise barriers and the Great North Road Interchange piers and ramps (Refer to clauses (g) and (i) below).
- (c) Planting to screen houses and noise walls (including cross section details);
- (d) Planting along the corridor on Traherne Island, in accordance with these conditions and the Ecological Management Plan;
- (e) Specimen planting on the Great North Road Interchange and the Te Atatu Road Interchange;
- (f) Specimen planting at the tunnel portals (except where this is within the OPW area);
- (g) Finalisation of the noise barriers (as required by Condition ON.3(a)) in accordance with the design principles for noise walls (refer Schedule A, Row 32);
- (h) Delineation of the final areas of the Open Space Restoration Plans in accordance with the Open Space Restoration Plans (Schedule A, Row 30), and reference that all works within the Open Space Restoration Plan Areas are subject to Conditions OS.1 to OS.8;
- (i) Oakley Inlet Heritage Plan, prepared in accordance with Conditions OS.5, and in particular, consideration shall be given to the design treatment of the Great North Road Interchange piers and ramps to take into consideration the impact of the structures on the visual quality of the open space beneath;
- (j) Ecological Management Plan, prepared in accordance with Conditions V.1, A.1, H.1, F.1 and M.1;
- (k) Western Ring Route: Maioro Street Interchange and Waterview Connection - Oakley Creek Rehabilitation and Restoration Guidelines (Boffa Miskell, 2010); and
- (l) Details of artworks or art through design of structures within the Project (e.g. design detailing of median barriers, bridge railings, safety barriers, piers, retaining walls and tunnel portals), in accordance with Section B of the Urban Landscape and Design Framework (UDLF June 2010) (refer Schedule A, Row 38) and F.8:Plans of Structures and Architectural Features, but excluding the north and south ventilation buildings, plans sections and elevations.

LV.3.

The NZTA shall have implemented the UDL Plans within 6 months of practical completion of construction of the Project.

LV.4.

The landscaping shall be implemented in accordance with the UDL Plans within the first planting season following the completion of the construction works, provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained for a period of 10 years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping shall be implemented in accordance with this Condition for each stage unless subsequent construction staging requires use of the proposed landscaping area.

Advice note: On-going control and management of the landscaping within the designation is the responsibility of the NZTA.

LV.5.

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The NZTA shall implement the UDL Plans taking into account the pest plant management guidelines detailed in the Ecological Management Plan (as required by Condition CEMP.3).

LV.8.

The NZTA shall ensure that any areas within the designation affected by construction activities have sub-soil rehabilitated and top-soil replaced so that the hydrological response including the volume of stormwater runoff generated is as close as practicable to the predevelopment situation. The methodologies to achieve this shall be documented and provided to the Major Infrastructure Team Manager, Auckland Council with the revised UDL Plans submitted pursuant to Condition LV.1.

LV.10.

The UDL Plans shall identify all Amenity Trees required to be removed over the construction of the Project (in accordance with Condition CEMP.6(o) and (p)). Replacement trees shall be sized at 160Lt and will either draw from the Coastal Forest or Basalt Rock Forest ecotypes listed in the Landscape Planting Schedules (provided in F.16, refer Schedule A, 17) or an agreed alternative species (confirmed by Major Infrastructure Team Manager, Auckland Council), except in the case of those trees subject to Condition ARCH.9.

Advice note: This does not necessarily apply to any replacement planting in the Open Space Restoration Plan areas, which will be confirmed in approval from Auckland Council and will be in accordance with relevant Auckland Council Park guidelines (see Condition OS.4).

Open Space Conditions

OS.13

During construction, the NZTA shall maintain pedestrian accessways to all open space available for public use during construction and education facilities where access is affected by the works, including any public access that crosses private land. Such access shall be safe, clearly identifiable, provide appropriate surfacing and seek to minimise significant detours. The access shall be of a same or similar standard as that disrupted and will be provided and maintained by the NZTA.

Advice note: This specifically includes the existing pedestrian access that provides a connection to the crossing over Oakley Creek between 1510 Great North Road and Unitec Mt Albert Campus.

OS.15

The works shall not result in any permanent loss of carparking from Western Springs Garden carpark.

Social Conditions

SO.1

In addition to the Community Liaison Groups established pursuant to Condition PI.5, the NZTA shall establish an Education Liaison Group (including representatives from local schools, kindergartens, childcare facilities, Unitec Institute of Technology, the Ministry of Education and Housing New Zealand Corporation), to provide a forum through which:

- (a) Relevant monitoring data can be provided (e.g. air quality monitoring);
- (b) Notice can be provided of when particularly noisy activities will occur in close proximity to schools and education facilities, to enable the opportunity to identify any potential conflict with particular sensitive periods, and the requirement for specific mitigation strategies (e.g. rescheduling of construction activities where practicable);
- (c) Particular concerns can be raised by educational facilities or parents, discussed and potentially addressed;
- (d) Notice can be provided of potential construction impacts on school transport routes (including pedestrian/cycle access) to enable the opportunity to identify specific mitigation preferences of the education facilities (e.g. any detour routes) and to enable these facilities to appropriately inform students and/or parents; and
- (e) Learning and teaching opportunities for educational facilities to participate in Project works (e.g. planting or

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artworks).

The Education Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period. The Education Liaison Group shall continue to meet for at least 12 months following the completion of the Project (or less if the members of the Education Liaison Group agree), so that ongoing monitoring information can continue to be disseminated.

SO.2

In addition to Condition SO.1(b) above, where noisy construction activities (that are projected to exceed the Noise Criteria in the CNVMP) are proposed in close proximity or adjacent to schools/ childcare centres, the NZTA shall, when preparing their SSNMP (in accordance with Condition CNV.1) give specific consideration to options to carry out these works outside school hours or during school holidays as a mitigation option.

SO.6

In addition to the Community Liaison Group established pursuant to Condition PI.5, the NZTA shall establish a Working Liaison Group (WLG) inviting the following:

- (a) Auckland Council;
- (b) Housing New Zealand Corporation;
- (c) Te Kawerau Iwi Tribal Authority;
- (d) Ngati Whatua o Orakei;
- (e) KiwiRail;
- (f) Department of Conservation;
- (g) Ministry of Education; and
- (h) Local Boards.

The purpose of this WLG will be to provide a forum through which:

- (a) Opportunities for public work development (including social housing, passenger transport or recreation / open space) are identified in areas where the NZTA confirms that the designation is no longer required (e.g. following construction activities);
- (b) Comment can be provided on updated Urban Design and Landscape Plans, including the finalised designs of structural elements for the Project (prior to their submission to the Auckland Council);
- (c) Opportunities for integration of other environmental projects (e.g. restoration plantings) are identified;
- (d) Consideration is given to appropriate protocols for commencement and completion of construction activities (including blessings for commencement of construction phases); and
- (e) Comment can be provided by Te Kawerau a Maki on the detailed lighting design of SH16, to consider how lighting effects on cultural sites and practices might be mitigated without compromising traffic safety or those performance standards identified in Condition L.1.

The Working Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period.

SO.7

A schedule of trees that require removal for construction of the Project will be identified and reported to the Community Liaison Group for their consideration of potential provision of timber for heritage projects (including in particular the provision of Robinia wood for heritage boat building). If the demand for this timber is identified to the Construction Team, appropriate measures for felling and removal from the site will be confirmed.

Vegetation Conditions

V.1

The NZTA shall finalise the ECOMP submitted with this application, prior to works commencing on site. The ECOMP shall be implemented through the CEMP. The ECOMP shall clearly identify the location and identity of:

- (a) All Significant Vegetation within the designation that is to be fully protected or relocated; and
- (b) All Valued Vegetation within the designation that is affected by the works (protected or removed).

Note: Significant and Valued Vegetation shall be as defined in the ECOMP.

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V.2

The NZTA shall employ a suitably experienced botanist ('nominated botanist') for the duration of the works to monitor, supervise and direct all works affecting or otherwise in close proximity to the Significant Vegetation and Valued Vegetation identified in the ECOMP.

V.3

Prior to any site works commencing, a pre-commencement site meeting shall be held so that the conditions that pertain to the Significant Vegetation and Valued Vegetation and all vegetation in general (both native and exotic) are explained by the nominated botanist to all contractors or sub-contractors who will be working on site within the close vicinity of that vegetation.

V.4

The NZTA shall minimise the amount of vegetation (both native and exotic) which is to be cleared, with the exception of weeds (both woody and otherwise, unless agreed with the Major Infrastructure Team Manager, Auckland Council and the Community Liaison Group that the retention of these 'weeds' has other environmental or ecological benefits that warrant their retention). All vegetation clearance shall be undertaken in accordance with the measures set out in the ECOMP.

V.5

The NZTA shall install protective fencing around, or otherwise clearly demarcate, all of the Significant Vegetation identified in the ECOMP as requiring full protection, under the supervision of the nominated botanist.

V.6

The NZTA shall replace any terrestrial Valued Vegetation that is required to be removed as a result of construction activities, in accordance with the ECOMP and the Urban Design and Landscape Plans.

V.7

The nominated botanist shall supervise all trimming, pruning and relocation work associated with the Significant Vegetation and Valued Vegetation required as part of the works.

V.8

Immediately prior to planting, and for a period of 2 years following completion of construction, the NZTA shall undertake weed control and management of all invasive plant pests within the vegetated areas of the surface designation for the Project. Following this 2 year period, on-going control and management of all invasive plant pests within these areas will be the responsibility of the NZTA.

V.9

The nominated botanist shall undertake a monitoring programme throughout the construction period, including monitoring of:

- (a) The condition, repair and location of the temporary protective fencing or other forms of demarcation used to identify the Significant Vegetation;
- (b) Any works within the vicinity of the Significant Vegetation and Valued Vegetation;
- (c) The general health of the Significant Vegetation and Valued Vegetation (including any Significant or Valued Vegetation that has been relocated away from the works area); and
- (d) Compliance with the vegetation conditions of designation by way of fortnightly inspections during the construction period.

V.10

Any planting utilising native plants shall use plants genetically sourced from the Tamaki Ecological District where possible or otherwise shall use plants that have been genetically sourced from within the Auckland Ecological Region.

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Avian Conditions

A.1

The NZTA shall finalise, and implement through the CEMP, ECOMP submitted with this application to include the matters set out in Conditions A.2 to A.6.

Herpetofauna Conditions

H.1

The NZTA shall finalise and implement through the CEMP, the ECOMP submitted with this application to include details of lizard management to be undertaken, including the following:

- (a) Lizard capture methodology, including timing;
- (b) Lizard release locations(s);
- (c) Lizard habitat enhancement at population release sites, including a detailed pest control programme for a minimum of one month prior to release and for a minimum of three consecutive years' duration after release;
- (d) Location(s), monitoring and maintenance of lizard protective fencing;
- (e) Post-release monitoring methodology; and
- (f) Lizard captive management methodology.

Lighting Conditions

Operation

L.1

Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas, in general accordance with the Waterview Connection Lighting Plan (Drawing Set F.11 (Refer Schedule A, Row 12):

- a) All motorway lighting shall be designed in accordance with "Roadlighting Standard AS/NZS1158";
 - b) All other lighting shall be designed in accordance with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
 - c) Fully cut off luminaires shall be used on SH20 from the Southern Tunnel Portal to the Maioro Street Interchange to minimised lighting overspill, as shown on Drawing Set F.11(Refer Schedule A, Row 12).
- Construction Zones and Construction Yards

L.2

A Temporary Construction Lighting Management Plan shall be prepared for all construction zones and construction yards prior to commencement of any night time works within the construction zones and construction yards. The Temporary Construction Lighting Management Plan shall be independently verified by a lighting specialist and provided to the Major Infrastructure Team Manager, Auckland Council for certification of compliance 10 working days prior to any night time work commencing.

The certification process shall ensure that the Plan includes (but is not be limited to):

- a) The layout and arrangement of all temporary lighting required for night time works, and shall show how this avoids the "Light Spill Restriction Zone" identified on the Construction Yard Plans (Refer Schedule A, Row 7) submitted with the application, and that the temporary lighting complies with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
- b) Provision for a 10m buffer between the night time work and any residential boundary at all times to minimise potential for light spill; and
- c) General operating procedures outlined in the CEMP.

L.3

Asymmetrical floodlights with horizontal glass visors that are not raised more than 3 degrees above the horizontal plane shall be used for any temporary construction night time lighting requirements. Alternative temporary lighting arrangements may be used, subject to the prior approval of the Major Infrastructure Team Manager, Auckland Council, where it can be demonstrated that the proposed lighting is similar or better to

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asymmetrical floodlights with glass visors. Glare shall be kept below the recommendation given in AS 4282 – 1997 “Control of the Obtrusive Effects of Outdoor Lighting” Tables 2.1 and 2.2.

Archaeology Conditions

ARCH.1

The NZTA shall complete, and implement through the CEMP, the Archaeological Site Management Plan (ASMP) submitted with the notice of requirement, to include, but not be limited to:

- a) Identification of the Project archaeologist, their role and responsibility on the Project;
- b) Who reports to the Project archaeologist;
- c) Specific sites requiring supervision, and measures to be undertaken to protect and manage these sites;
- d) Whether NZHPT and/or Auckland Council heritage and/or iwi supervision is required for the specific site (the latter to be determined through consultation with the relevant iwi groups); and
- e) Accidental discovery protocols in the event that unknown archaeological sites are uncovered.

ARCH.2

The NZTA shall employ at its expense a qualified archaeologist (the Project archaeologist) who shall be on site to monitor all initial earthworks, including surface stripping of the site, for all specific areas identified in the ASMP to establish whether any sub-surface archaeological features are present. This includes, but is not limited to, the following areas:

- (a) All unmodified areas in the vicinity of Rosebank Road;
- (b) All works in the vicinity of the “Oakley Inlet Heritage Area”, located adjacent to the Great North Road Interchange;
- (c) Works in the vicinity of two midden sites (recorded R11/2214 and R11/2215) within Great North Road Interchange, and all previously unmodified areas near the banks of the Oakley Inlet;
- (d) Any ground disturbance works in Construction Yard 7 within Oakley Creek Reserve.

ARCH.3

If any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- (a) Immediately it becomes apparent that a possible archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- (b) The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched and notify the Project archaeologist;
- (c) The Project archaeologist shall inspect the site to assess the relevance of the find, and then the Auckland Council shall be advised of the significance;
- (d) If the site is confirmed to be an archaeological site by the Project archaeologist, the site supervisor shall then notify tangata whenua, the New Zealand Historic Places Trust, and the Auckland Council that an archaeological site has been exposed so that appropriate action can be taken;
- (e) In the case of human remains, the NZ Police shall be notified.

ARCH.8

All contractors and subcontractors working on the Project shall be trained on the archaeological requirements set out in the ASMP.

Advice note:

Any archaeological sites within the area affected by the Project shall not be modified or disturbed in any way unless written authorisation has been obtained from the NZ Historic Places Trust.

Contaminated Land and Contaminated Discharges Conditions

CL.1

The NZTA shall finalise and implement through the CEMP, the Contaminated Soil Management Plan (CSMP)

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submitted with this application prior to commencement of any site works. The CSMP shall include, but not be limited to:

- (a) Measures to be undertaken in the handling, storage and disposal of all material excavated during the construction works;
- (b) Soil validation testing and groundwater testing;
- (c) Soil verification testing to be undertaken to determine the nature of the excavated spoil and potential reuse or disposal options;
- (d) Measures to be undertaken in the event of unexpected contamination being identified during construction activities; and
- (e) Measures to be undertaken for the handling of asbestos containing material.

CL.2

Prior to the main construction works commencing, the baseline quality of soils and groundwater within Sector 5 (the southern bank of Oakley Creek coincident with the location of the former tannery) and Sector 7 (particularly in relation to works in the vicinity of Great North Road) shall be investigated and established. The investigations shall be carried out in accordance with appropriate Ministry for the Environment and Auckland Council guidelines.

The findings of the soil and groundwater investigations shall be used to determine the specific constructions methods during work in this area to manage any likely environmental effects in relation to the Project.

CL.3

Prior to the main construction works commencing, soils and fill materials within Alan Wood Reserve (Sector 9) shall be further classified so as to determine the distribution and extent of cleanfill, managed fill and contaminated/hazardous fill materials.

CL.4

All excavated soil shall be tested by the NZTA in general accordance with the CSMP, prior to either reuse on site or disposal off site. The testing regime shall be submitted for approval by the Major Infrastructure Team Manager, Auckland Council.

CL.5

The NZTA shall notify the Major Infrastructure Team Manager, Auckland Council within 5 working days of identification of any contamination at the site which was not identified in the reports submitted in support of this application, including contaminated soil, surface water or groundwater. The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.6

The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.7

The NZTA shall engage a suitably qualified contaminated land specialist to supervise the works, excavation and removal of any contaminated soils from the site and undertake sampling (if required) of imported material.

CL.8

All testing / sampling techniques shall be carried out in accordance with the Ministry for the Environment Contaminated Land Management Guidelines or other equivalent standards approved in writing by the Major Infrastructure Team Manager, Auckland Council.

CL.9

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During and following the tunnel construction works beneath Sector 8, groundwater quality monitoring shall be carried out at locations within and down hydraulic gradient of Phyllis Street Landfill. Monitoring shall be undertaken on at least a monthly basis, and for a period up to 12 months following completion of the tunnel construction works. The monitoring programme shall be submitted for approval by the Auckland Council as landowner.

CL.10

Prior to, during and following tunnel construction works beneath Phyllis Street Landfill, monitoring for landfill gas shall be carried out from existing monitoring boreholes within the landfill. Monitoring shall be undertaken on at least a monthly basis, for a period of no less than 6 months prior to, and up to 12 months following completion of the tunnelling works. The monitoring programme shall be submitted for approval by the Auckland Council as landowner.

CL.11

The NZTA shall submit to the Major Infrastructure Team Manager, Auckland Council, a Site Closure Report no later than three (3) months after the completion of the earthworks. The Report shall be prepared in accordance with Schedule 13 (Schedules for Reporting on Contaminated Land) of the Proposed Auckland Regional Plan: Air Land and Water and include:

- (a) Results of any soil reuse and imported material testing carried out to ensure compliance with the CSMP;
- (b) Volumes of soil removed from site;
- (c) Copies of the waste disposal receipts; and
- (d) Reports of any non-compliance with the CSMP procedures or complaints received while undertaking the site works.

Freshwater Conditions

F.1

The NZTA shall finalise, and implement through the CEMP, the ECOMP submitted with this application. The ECOMP shall be updated to ensure compliance with the conditions of this consent and include changes to the details of construction processes prior to construction commencing. The ECOMP shall include, but not be limited to details of:

- (a) Monitoring of freshwater ecology;
- (b) Monitoring of freshwater and stream sediment quality;
- (c) Trigger event criteria for undertaking additional monitoring;
- (d) Procedures for responding to accidental discharges of contaminants to the freshwater environment; and
- (e) Contingency plans and/or remedial measures in the event monitoring results identify adverse effects.

F.2

The NZTA shall engage a suitably qualified ecologist and water quality scientist to undertake freshwater monitoring programme prior to, during and following construction to monitor the effect of the Project on the freshwater ecology. The freshwater monitoring shall be undertaken in Oakley Creek, Pixie Stream and Meola Creek. The freshwater monitoring programme shall be undertaken in accordance with the details set out in the ECOMP and include:

- (a) Cross sectional profiles;
- (b) Macro invertebrate sampling; and
- (c) Freshwater fish monitoring.

F.3

The freshwater monitoring programme shall, as a minimum, be undertaken in accordance with the following frequency:

- (a) Prior to construction – two baseline ecological surveys.
- (b) During construction – twice per year for fish and macro invertebrates and cross sectional profiles, within one month prior to the beginning of the earthworks season and within one month either side of the end of the

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earthworks season.

(c) Post construction – on an annual basis for a maximum period of three years, or less if the Major Infrastructure Team Manager, Auckland Council is satisfied that no adverse effects have occurred or are likely to occur from the Project.

(d) Monthly water quality samples at the five existing Oakley Creek sample locations to be analysed for pH, turbidity, suspended solids, metals (Zn, Cu and Pb) and nutrients.

(e) Four “event based” samples per annum from each of the current two Oakley Creek sites. The samples are to be analysed for pH, turbidity, suspended solids, metals (Zn, Cu and Pb), hydrocarbons (TPH) and nutrients.

(f) Two sediment quality samples per annum (January and July) at the five existing water quality Oakley Creek sites (if there is sufficient sediment to sample). The samples are to be analysed for metals (Zn, Cu and Pb), polycyclic aromatic hydrocarbons (PAH), hydrocarbons (TPH) and semi-volatile organic compounds.

Advice note: The sample collection and analysis required under sub-clauses (d) to (f) shall be undertaken following an IANZ accredited methodology by a suitably accredited laboratory (International Accreditation New Zealand).

F.4

The NZTA shall undertake additional freshwater monitoring in the event of a ‘trigger event’ for freshwater habitats. For the purposes of this consent, a ‘trigger event’ for freshwater habitats is defined in the ECOMP.

F.5

The NZTAs ecologist/hydrologist (required by condition F.2) shall review, every six months, the freshwater monitoring results, provided from Conditions F.2 to F.4, and results in monitoring detailed in earthworks Conditions E.9 and E.19 and Groundwater Condition G.10. In the event that potential adverse effects are identified, including through review of the Condition G.10 monitoring results by the hydrologist and freshwater ecologist required by Condition G.12, the NZTA shall develop and submit for the approval of the Major Infrastructure Team Manager, Auckland Council appropriate contingency plans and/or remedial measures in accordance with the measures set out in the ECOMP.

F.6

Freshwater monitoring reports shall be compiled from the monitoring undertaken pursuant to Conditions F.2 to F.4 and the review of Condition F.5, and a report provided to the Major Infrastructure Team Manager, Auckland Council every 6 months.

Attachments

Figure CEMP.A - Construction Environmental Management Framework

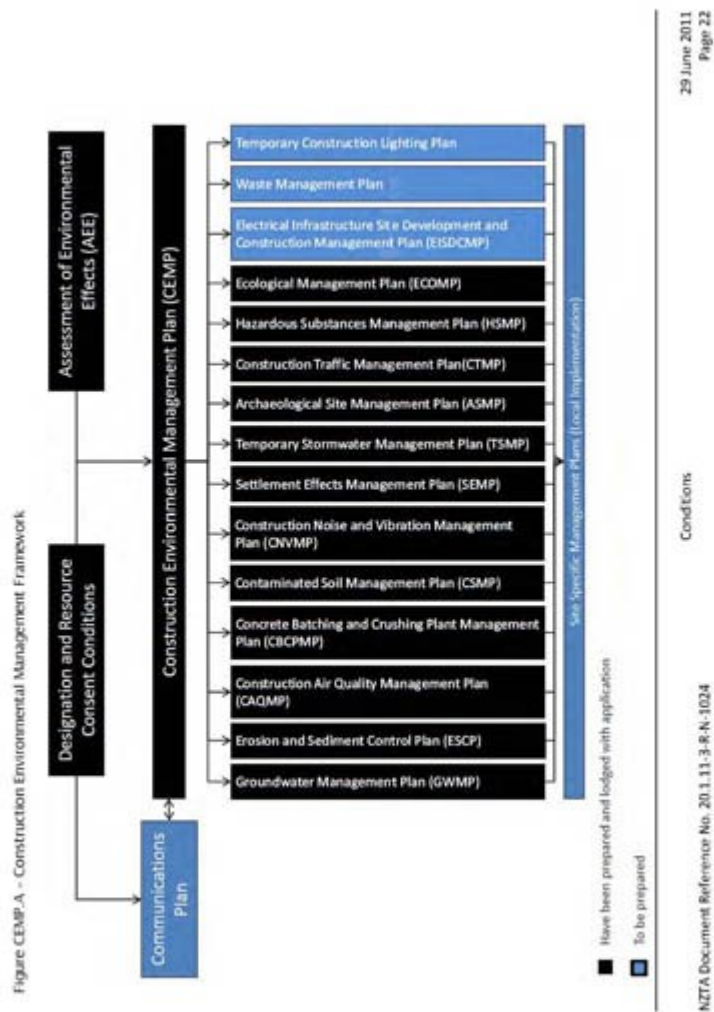
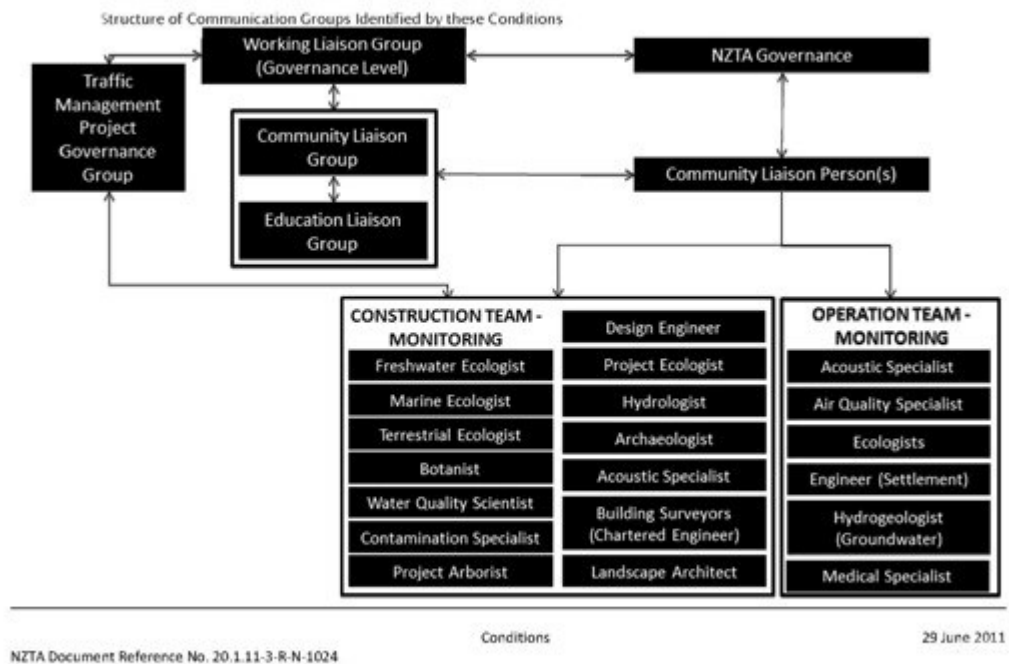


Figure PI.A - Structure of Communication Groups

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6724 State Highway 16 - Avondale

Designation Number	6724
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 in the vicinity of (1) Patiki Road, Avondale and (2) Rosebank Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation C01-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The designation provides for the construction, and subsequent operation, maintenance and minor improvement of the motorway interchange.

Conditions

Design of Works and Landscape Protection

1. That the development of the works be generally in accordance with Works Consultancy Services Plans No 1/60/48/5104/22 R2 (amended February 1994), No 1/60/48/5104/19 R2 (as amended June 1993) and No 1/60/48/5104/20; and Figure 4-3 "Rosebank/Patiki 2 - Ramps C & D" as lodged with the original notice of requirement, subject to any modification required to comply with these conditions.

2. That the on ramp "C" and the access road to Rosebank Domain be designed to ensure the protection of the copper beech tree scheduled in the Auckland District Plan (former Auckland District) as Item 3B-01 and that the

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following further measures be taken for its protection:

- a. A 1.8 metre solid protective fence be constructed outside the dripline of the tree to the satisfaction of Council's Arborist prior to works commencing in its vicinity; and
- b. Regular monitoring by a qualified arborist throughout the works.

3. That visual and landscape values be taken into account in the detailed design of the access road including the retention if practicable of existing trees and vegetation.

4. That the design and construction of the interchange shall not preclude the option of a cycleway along the motorway between Rosebank and Patiki Roads or the option of a cycleway via the off ramp to Rosebank Road.

Consents Prior to Works

5. That prior to any works being commenced the following shall be obtained:

- a. Any necessary soil conservation or earthworks consents; and
- b. Any necessary discharge permits; and
- c. Any necessary authority to modify those archaeological sites likely to be affected, from the New Zealand Historic Places Trust.

Mitigation of Effects

6. Transit New Zealand and its contractors shall take all necessary steps to prevent or mitigate:

- a. Any nuisance to properties adjacent to the works; and
- b. Any significant disturbance to breeding patterns or damage to habitats of the rare or threatened birds, arthropods or fungi found on Pollen Island, from dust, noise or vibration reasonably attributable to the construction of the works.

7. That any land taken or held for the works be maintained to a high standard until such works commence.

8. That the site of any works be reinstated and appropriately landscaped with suitable plant species. Eco-sourced plants that are genetically appropriate to the local environment should be used in the vicinity of the coast and Pollen Island in order to aid the preservation of the unique properties of this area.

9. That the effects of construction activity on wildlife on Pollen Island and related habitats be regularly monitored by suitably qualified persons at appropriate intervals throughout the project.

10. That the driving of motorway support piles is to be avoided wherever practicable and any activities likely to be particularly disturbing shall be timed to avoid breeding seasons of rare or protected birds found in the vicinity of Pollen Island.

11. That consent by Transit New Zealand for access to Pollen Island from the Motorway is not to be unreasonably withheld but should take into account any guidelines recommended by the Department of Conservation and the Royal Forest and Bird Protection Society of New Zealand.

12. That reasonable access be maintained to private properties at all times.

13. That the extent of land required to be taken for the works be defined by survey and that this information be made available as soon as possible to the affected property owners and occupiers.

14. That the access road between Patiki Road and Rosebank Domain be developed in consultation with Auckland City Council, ensuring as a minimum that:

- a. Both foot and vehicle access to the Domain and cycleway be maintained at all times during construction;
- b. Both the Domain and the cycleway be reinstated to an equivalent or superior standard to that now existing, on completion of the works; and

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c. Provision be made for the replacement to a reasonable standard of any utility services and connections to any new industrial sites.

15. That Transit New Zealand undertake to

a. Pay the full costs of any traffic signal installation at the intersection of Patiki and Rosebank Roads which is made necessary by the proposed works or the equivalent sum towards alternative intersection improvements at that location;

b. Pay for the works at Patiki and Rosebank Roads as indicated on Works Consultancy Plans No 1/ 60/48/5104/19 R2 (amended June 1993) and No 1/60/48/5104/22 R2 (amended February 1994).

Provision of Detailed Plans

16. That detailed plans of the proposed works be made available to the Manager, Planning and Regulatory Services Department at least two months prior to the commencement of construction and that any reasonable changes requested by the said Manager to achieve the purpose of the requirement and with regard to the agreed to conditions within one month be complied with.

Advice Note:

Approval of plans under this Clause does not constitute building consent under the Building Act which must be separately obtained.

Terms of Designation

17. That the designation consent shall become effective only upon the prior consent of the Minister of Conservation to the proposed reclamations and that in any case the designation will not have effect on those areas to be reclaimed until such time as they are raised above mean high water spring.

18. That the term of this designation shall be five years from the inclusion of the designation in the District Plan.

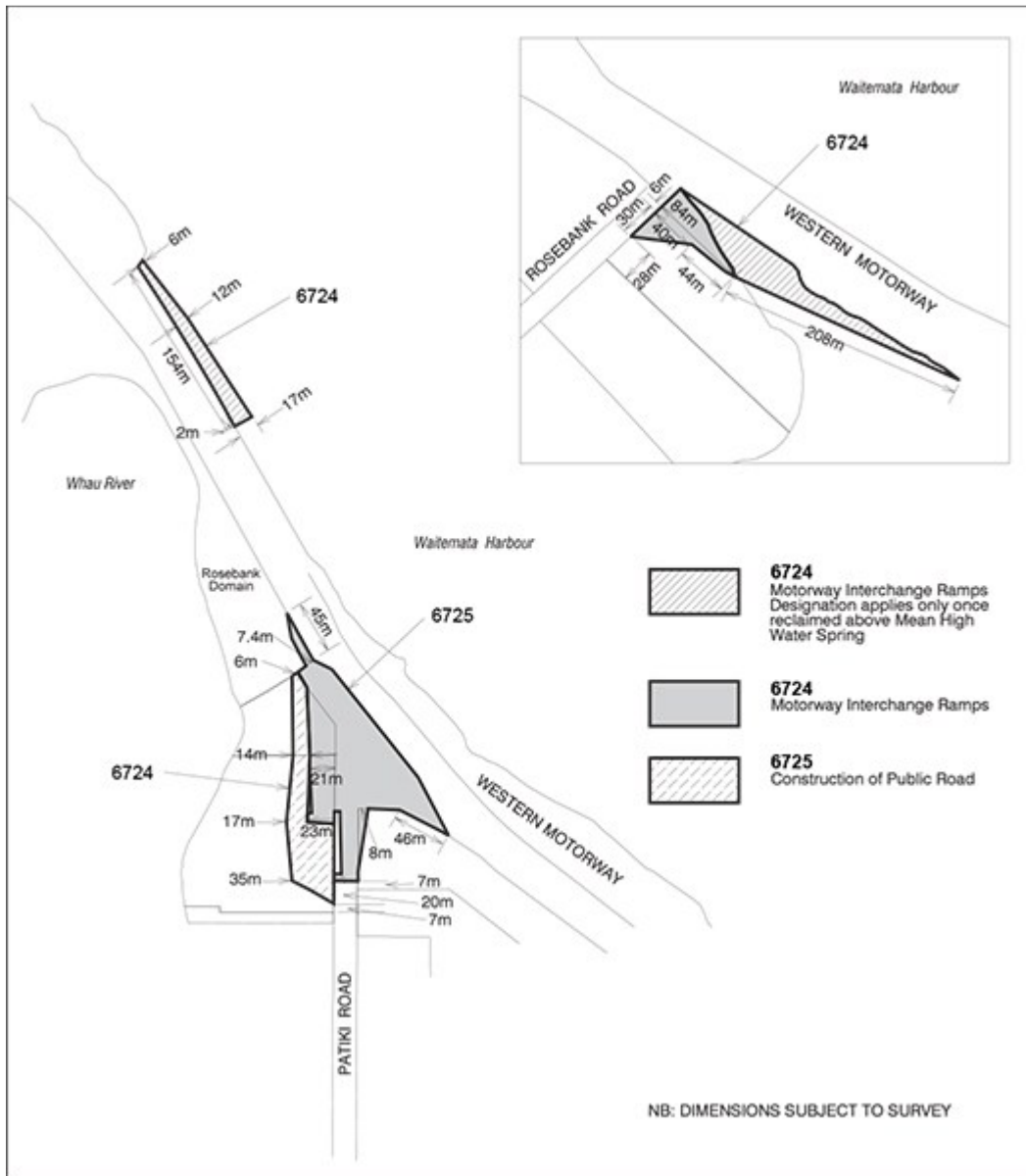
19. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by section 78 of the Local Government (Auckland Transitional Provisions) Act 2010.

20. Any administrative charges incurred by the Council associated with the carrying out of its functions in relation to this designation shall be recoverable from the requiring authority.

Attachments

Motorway Interchange Ramps connecting Rosebank Peninsula with the Northwestern Motorway

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6725 State Highway 16 - Avondale

Designation Number	6725
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 on Patiki Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation C01-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Construction of a public road to provide access to properties at the northern end of Patiki Road.

Conditions

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Design of Works and Landscape Protection

1. That the development of the works be generally in accordance with Works Consultancy Services Plans No 1/60/48/5104/22 R2 (amended February 1994), No 1/60/48/5104/19 R2 (as amended June 1993) and No 1/60/48/5104/20; and Figure 4-3 "Rosebank/Patiki 2 - Ramps C & D" as lodged with the original notice of requirement, subject to any modification required to comply with these conditions.

2. That the on ramp "C" and the access road to Rosebank Domain be designed to ensure the protection of the copper beech tree scheduled in the Auckland District Plan (former Auckland District) as Item 3B-01 and that the following further measures be taken for its protection:

- a. A 1.8 metre solid protective fence be constructed outside the dripline of the tree to the satisfaction of Council's Arborist prior to works commencing in its vicinity; and
- b. Regular monitoring by a qualified arborist throughout the works.

3. That visual and landscape values be taken into account in the detailed design of the access road including the retention if practicable of existing trees and vegetation.

4. That the design and construction of the interchange shall not preclude the option of a cycleway along the motorway between Rosebank and Patiki Roads or the option of a cycleway via the off ramp to Rosebank Road.

Consents Prior to Works

5. That prior to any works being commenced the following shall be obtained:

- a. Any necessary soil conservation or earthworks consents; and
- b. Any necessary discharge permits; and
- c. Any necessary authority to modify those archaeological sites likely to be affected, from the New Zealand Historic Places Trust.

Mitigation of Effects

6. Transit New Zealand and its contractors shall take all necessary steps to prevent or mitigate:

- a. Any nuisance to properties adjacent to the works; and
- b. Any significant disturbance to breeding patterns or damage to habitats of the rare or threatened birds, arthropods or fungi found on Pollen Island, from dust, noise or vibration reasonably attributable to the construction of the works.

7. That any land taken or held for the works be maintained to a high standard until such works commence.

8. That the site of any works be reinstated and appropriately landscaped with suitable plant species. Eco-sourced plants that are genetically appropriate to the local environment should be used in the vicinity of the coast and Pollen Island in order to aid the preservation of the unique properties of this area.

9. That the effects of construction activity on wildlife on Pollen Island and related habitats be regularly monitored by suitably qualified persons at appropriate intervals throughout the project.

10. That the driving of motorway support piles is to be avoided wherever practicable and any activities likely to be particularly disturbing shall be timed to avoid breeding seasons of rare or protected birds found in the vicinity of Pollen Island.

11. That consent by Transit New Zealand for access to Pollen Island from the Motorway is not to be unreasonably withheld but should take into account any guidelines recommended by the Department of Conservation and the Royal Forest and Bird Protection Society of New Zealand.

12. That reasonable access be maintained to private properties at all times.

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13. That the extent of land required to be taken for the works be defined by survey and that this information be made available as soon as possible to the affected property owners and occupiers.

14. That the access road between Patiki Road and Rosebank Domain be developed in consultation with Auckland City Council, ensuring as a minimum that:

- a. Both foot and vehicle access to the Domain and cycleway be maintained at all times during construction;
- b. Both the Domain and the cycleway be reinstated to an equivalent or superior standard to that now existing, on completion of the works; and
- c. Provision be made for the replacement to a reasonable standard of any utility services and connections to any new industrial sites.

15. That Transit New Zealand undertake to

- a. Pay the full costs of any traffic signal installation at the intersection of Patiki and Rosebank Roads which is made necessary by the proposed works or the equivalent sum towards alternative intersection improvements at that location;
- b. Pay for the works at Patiki and Rosebank Roads as indicated on Works Consultancy Plans No 1/60/48/5104/19 R2 (amended June 1993) and No 1/60/48/5104/22 R2 (amended February 1994).

Provision of Detailed Plans

16. That detailed plans of the proposed works be made available to the Manager, Planning and Regulatory Services Department at least two months prior to the commencement of construction and that any reasonable changes requested by the said Manager to achieve the purpose of the requirement and with regard to the agreed to conditions within one month be complied with.

Advice Note:

Approval of plans under this Clause does not constitute building consent under the Building Act which must be separately obtained.

Terms of Designation

17. That the designation consent shall become effective only upon the prior consent of the Minister of Conservation to the proposed reclamations and that in any case the designation will not have effect on those areas to be reclaimed until such time as they are raised above mean high water spring.

18. That the term of this designation shall be five years from the inclusion of the designation in the District Plan.

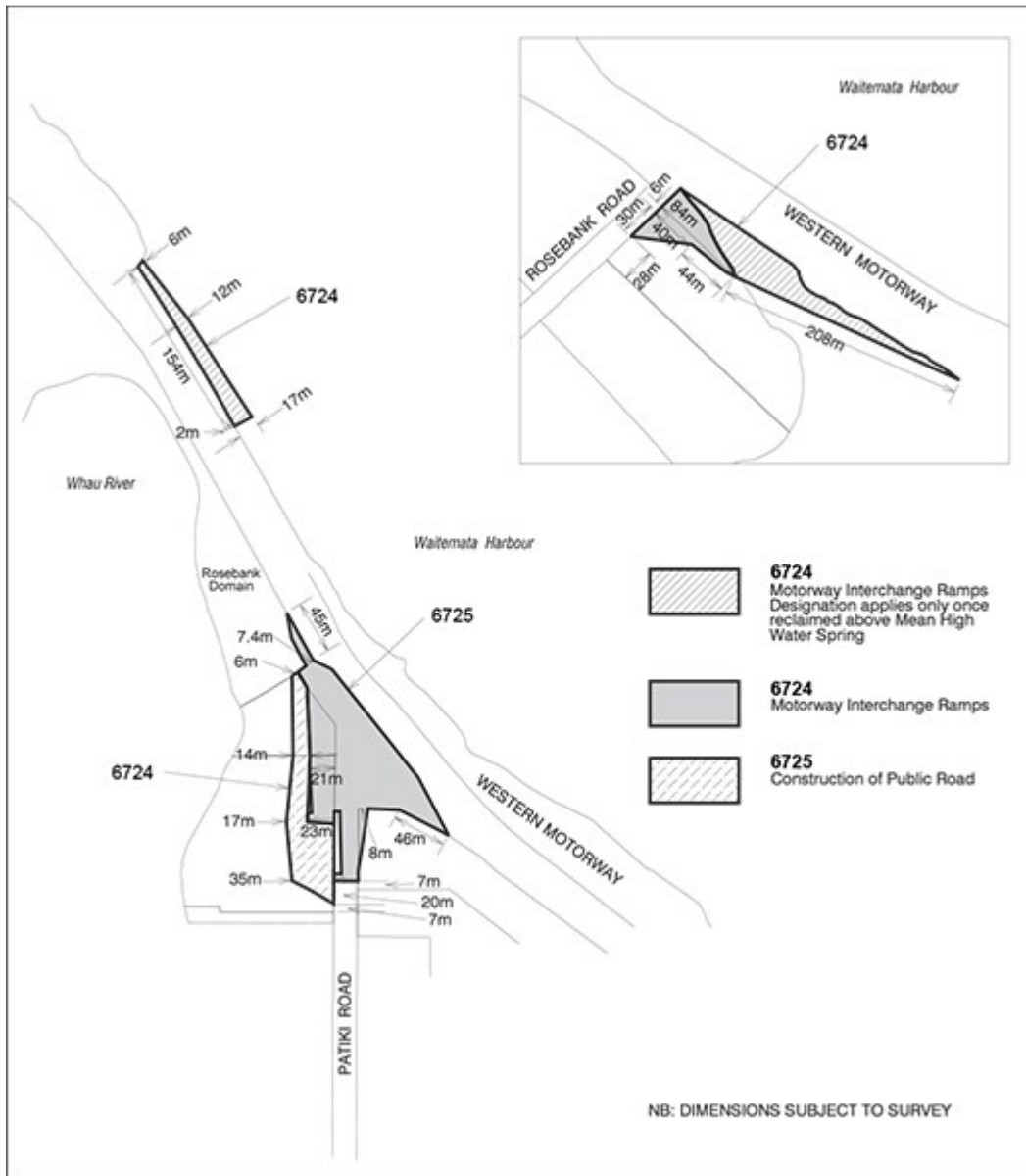
19. Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by section 78 of the Local Government (Auckland Transitional Provisions) Act 2010.

20. Any administrative charges incurred by the Council associated with the carrying out of its functions in relation to this designation shall be recoverable from the requiring authority.

Attachments

Attachment 1: Motorway Interchange Ramps connecting Rosebank Peninsula with the Northwestern Motorway

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6726 State Highway 20 - Waterview Connection Great North Road

Designation Number	6726
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20 from Great North Road (in the vicinity of Alverston Street) to the northern portal (vicinity of Great North Road interchange), Waterview
Rollover Designation	Yes
Legacy Reference	Designation D04-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Five year from being operative in the Unitary Plan unless given effect to prior

Purpose

For a new designation, SH16, SH20 and Great North underpass – NOR4. A new surface designation for

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construction, operation and maintenance of new interchange and structures associated with tunnel operation, including ventilation building and stack, mitigation and local road access, taking in new pieces of land, and allowing for construction and operation of ramps, stormwater, wetland ponds, ancillary safety and operational services and maintenance, temporary works, vegetation removal and restoration, relocation of services, works on north-western cycleway, landscaping and planting, open space restoration and restoration of the Oakley Inlet heritage area.

Conditions

For a complete set of conditions, refer to the Waterview Connection Proposal Board of Inquiry decision titled "Final Report and Decision of the Board of Inquiry into the New Zealand Transport Agency Waterview Connection Proposal - Volume 2" dated June 2011.

General Designation Conditions

DC.1

Except as modified by the conditions below, the works shall be undertaken in general accordance with the information provided by the New Zealand Transport Agency (NZTA being the Requiring Authority), the Notice(s) of Requirement and the supporting documents, and supplementary information provided in evidence. This information is summarised as follows:

(a) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Parts A-E;

(b) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part F: Plans and Drawings, except as updated through the hearing (Refer Schedule A for current plan and drawing references); and

(c) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part G: Technical Reports:

- (i) Technical Report G.1 Assessment of Air Quality Effects
- (ii) Technical Report G.2 Assessment of Archaeological Effects
- (iii) Technical Report G.3 Assessment of Avian Ecological Effects
- (iv) Technical Report G.4 Assessment of Coastal Processes
- (v) Technical Report G.5 Assessment of Construction Noise Effects
- (vi) Technical Report G.6 Assessment of Freshwater Ecological Effects
- (vii) Technical Report G.7 Assessment of Groundwater Effects
- (viii) Technical Report G.8 Assessment of Herpetofauna Ecological Effects
- (ix) Technical Report G.9 Assessment of Land and Groundwater Contamination
- (x) Technical Report G.10 Assessment of Lighting Effects
- (xi) Technical Report G.11 Assessment of Marine Ecological Effects
- (xii) Technical Report G.12 Assessment of Operational Noise Effects
- (xiii) Technical Report G.13 Assessment of Ground Settlement Effects
- (xiv) Technical Report G.14 Assessment of Social Effects
- (xv) Technical Report G.15 Assessment of Stormwater and Streamworks Effects
- (xvi) Technical Report G.16 Assessment of Temporary Traffic Effects
- (xvii) Technical Report G.17 Assessment of Terrestrial Vegetation Effects
- (xviii) Technical Report G.18 Assessment of Transport Effects
- (xix) Technical Report G.19 Assessment of Vibration Effects
- (xx) Technical Report G.20 Assessment of Visual and Landscape Effects
- (xxi) Technical Report G.21 Construction Environmental Management Plan (CEMP)
- (xxii) Technical Report G.22 Erosion and Sediment Control Plan (ESCP)
- (xxiii) Technical Report G.23 Coastal Works
- (xxiv) Technical Report G.24 Geotechnical Interpretive Report
- (xxv) Technical Report G.25 Traffic Modelling Report
- (xxvi) Technical Report G.26 Operational Model Validation Report
- (xxvii) Technical Report G.27 Stormwater Design Philosophy Statement

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- (xxviii) Technical Report G.28 Geotechnical Factual Report – 500 Series
- (xxix) Technical Report G.29 Geotechnical Factual Report – 700 Series
- (xxx) Technical Report G.30 Assessment of Associated Sediment and Contaminant Loads
- (xxxi) Technical Report G.31: Technical Addendum Report (September 2010)
- (d) PT & Active Mode Transport Routes Existing and Proposed (Refer Schedule A, Row 22).
- (e) Waterview Connection Project, Evidence and Supplementary Information provided to the Board of Inquiry:
 - (i) Evidence in Chief (Numbers 1-37)
 - (ii) Rebuttal Evidence (Numbers 1-33)
 - (iii) Supplementary Information (Numbers 1-8)

DC.1A

Within 3 months of the designations being confirmed for the Project (or at least 1 month prior to any Auckland Council approvals or certifications required by these Conditions, whichever is the earlier), the NZTA shall update and finalise to the satisfaction of the Major Infrastructure Team Manager, Auckland Council all drawings and Plans cited in Schedule A, and provide a full set of the information and documentation referred to in Condition DC.1 to the Major Infrastructure Team Manager Auckland Council. At the same time the NZTA shall prepare to the satisfaction of the Major Infrastructure Team Leader, Auckland Council, a document for each designation which sets out the designation and have attached to it in text format a comprehensive set of the conditions imposed by the Board of Inquiry in its Final Decision as summarised in Schedule B, inclusive of any standard conditions and advice notes.

In particular (but not limited to), the following Plans will need to be amended in light of these Final Conditions:

- (a) F.2 Operational Scheme Plans (refer Schedule A, Row 3) require amendment detailing the amended location of the ventilation stacks and southern ventilation buildings;
- (b) F.5 Construction Scheme Plans (refer Schedule A, Row 4) require amendment to detail changes to the construction footprint for the amended location of the ventilation stacks and southern ventilation buildings and reconfiguration of Construction Yard 1);
- (c) F.6 Construction Yard Plans 101 and 107 (refer Schedule A, Row 7), detailing amendments to the Construction Yard 1 in light of the reconfiguration of this Yard and for Construction Yard 7 in light of the relocation of the northern ventilation stack (refer Schedule A, Row 34);
- (d) F.8 Plans of Structures and Architectural Features (refer Schedule A, Row 9), detailing the amended location of the northern ventilation stack and the design and location of the southern ventilation building and stack;
- (e) The CNVMP (including flow diagram and the supplementary evidence produced by Ms Wilkening) (refer Schedule A, Rows 36, 37 and 39);
- (f) The areas of the Open Space Restoration Plans (Schedule A, Row 30) to:
 - (i) Extend these areas in geographic extent to provide for the works identified in the Management Plan notations identified in the OS Conditions (in particular OS.5 and OS.6) (e.g. these areas will (as relevant) include Eric Armishaw Park, Howlett Reserve and Waterview Esplanade Reserve); and
 - (ii) Exclude the operational area of designation required for the northern ventilation stack (as identified through the OPW process (refer Condition DC.8); and
- (e) Schedule A, Row 28 the Plan detailing proposed open space impacts and replacements needs to be updated to recolour the two land parcels on Hendon Avenue (which are excluded from the replacement calculations) to 'brown' to confirm they are part of the operational impact and will not be returned as open space.

DC.2

The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

DC.3

The NZTA shall update and finalise the relevant Construction and Operational Management Plans required under

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these conditions to ensure compliance with the designation conditions imposed by the Board of Inquiry. The relevant Management Plans shall be submitted to the Major Infrastructure Team Manager, Auckland Council within the timeframes specified in the following conditions. No works shall be undertaken until the relevant management plans have been finalised and certified or approved in accordance with the relevant conditions.

DC.4

Any Management Plans submitted to the Major Infrastructure Team Manager, Auckland Council for approval or certification may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted shall clearly show the integration with adjacent stages and interrelated activities.

DC.5

In the event of any dispute, disagreement or inaction arising as to any Auckland Council Manager certification/ approvals required by the designation conditions, or as to the implementation of or monitoring required by the conditions, matters shall be referred in the first instance to the NZTA Regional State Highway Manager and to the Resource Consents Manager, Auckland Council to determine a process of resolution. If a resolution cannot be agreed, then the matter may be referred to an independent appropriately qualified expert, agreeable to both parties, setting out the details of the matter to be referred for determination and the reasons the parties do not agree. The independent appropriately qualified expert shall be appointed within 10 working days of the NZTA or Auckland Council giving notice of their intention to seek expert determination. The expert shall, as soon as possible, issue his or her decision on the matter. In making the decision, the expert shall be entitled to seek further information and hear from the parties as he or she sees fit.

Advice note: The dispute resolution process provided for in this condition does not prejudice any party's right to take enforcement action in relation to the implementation of the designation conditions. However, the dispute resolution process will be applied before any formal enforcement action is taken by the Council, except in urgent situations.

DC.6

Except for Conditions DC.7, DC.8 and DC.9, the NZTA shall be exempt from providing an Outline Plan of Works for the Project, as provided for in Section 176A (2)(a) and (b) of the RMA.

Advice note: The Construction and Operational Management Plans, together with the provision of detailed drawings required by Condition DC.1(b) are considered sufficient detail in all aspects of the Project, with the exception of proposed works for the northern and southern ventilation buildings and stacks where further details are required.

DC.7

An Outline Plan of Works shall be prepared for the Northern and Southern Ventilation Buildings and Stacks (OPW1 and OPW2) (in the general location as shown in the Operational Scheme Plans F.2 (Schedule A, Row 3) as shown on Figures DC.A and DC.B) in accordance with Section 176A of the RMA and Conditions DC.8 and DC.9 below and submitted to the Major Infrastructure Team Manager, Auckland Council.

For the purposes of Conditions DC.8 and DC.9, the following definitions shall apply:

(a) Control Building – A building or buildings associated with the staffed control of the tunnel operating systems (including CCTV systems or surveillance). This precludes the inclusion or attachment of any equipment unrelated to the structure or operation of the control building.

(b) Ventilation Building – A building or buildings associated with the operation and maintenance of the tunnels and associated ventilation system (including power and emergency water supply). This precludes the inclusion or attachment of any equipment unrelated to the structure or operation of the ventilation building.

(c) Ventilation Stack (stack) - A structure which channels air emissions to a height in the atmosphere which is suitable to disperse the emissions and result in an acceptable ambient air quality. This precludes the inclusion or attachment of any equipment unrelated to the structure or operation of the ventilation stack.

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DC.8

Outline Plan of Works for the Northern Ventilation Buildings and Stack (OPW1) (refer Figure DC.A)

OPW1 shall be prepared in accordance with Section 176A of the RMA. The final form of the Northern Ventilation Buildings and Stack shall be in accordance with the design principles of Section B of the Urban Landscape and Design Framework (ULDF June 2010) (refer Schedule A, Row 38) and the following requirements:

- (a) Retention of the same building / structural components underground as per the revised Drawing Set F.8, specifically Drawing 9 'North Portal - Basement Floor Plan' and above ground, specifically Drawing 8 'North Portal Location Plan' (refer Schedule A, Row 9) (subject to the amendments to location required by subclause (c) below);
- (b) Creation of a fragmented form for the ventilation buildings, such that the aboveground building is broken down into small, discrete elements – broadly similar in scale to that of nearby residential and school buildings;
- (c) Location of the ventilation stack on the eastern side of Great North Road, within the OPW area identified on Plan DC.A. The precise location within the OPW area shall be a matter of consultation with the Community Liaison Group(s) as established by Condition PI.5;
- (d) Ensure that any required roof linkages do not dominate the form of the building nor make it register visually as a single entity;
- (e) Development of an architectural profile, detailing and material palette that references the local landscape/ geology/ coastline/ residential area in the design of the aboveground ventilation buildings and for the ventilation stack to avoid an industrial character;
- (f) Maximisation of areas of planted open space between buildings, structures and vehicle movement/ parking areas;
- (g) Maximisation of the quantum of limbed-up (to promote visibility and surveillance (in accordance with CPTED principles)), large scale, specimen tree planting between buildings, structures and vehicle movement / parking areas surrounding the ventilation buildings;
- (h) Treatment of the ventilation building and ventilation stack as objects of urban sculpture;

DC.10

The NZTA shall give notice to the Manager Regional and Local Planning, Auckland Council in accordance with Section 182 and 181 respectively of the RMA for:

- (a) Within six months of the State highway opening (being operational), removal of those parts of the designation that are not required for the long term operation, maintenance and mitigation of effects of the State highway.

Note: this condition is specific to land no longer required for construction purposes once the Project is completed and includes the land of 6 Barrymore Road, refer Condition OS.17.

- (b) The designation to be altered to remove those conditions no longer required for long term operation and maintenance of the Project.

DC.12

Unless otherwise provided for by Condition RC.2, if any monitoring required to be undertaken by any party by the designation conditions indicates non-compliance with any designation condition, the NZTA must provide written notice to the Major Infrastructure Team Manager Auckland Council as soon as it becomes aware of same, stating the following:

- (a) A description of the non-compliance; and
- (b) The measures NZTA proposes for addressing the non-compliance, including any additional mitigation measures.

Subject to the Council's approval, the NZTA must implement the additional mitigation measures to address the non-compliance.

DC.13

Pursuant to Section 36(1)(d) of the RMA, the requiring authority is required to pay to Auckland Council any administrative charge for the carrying out by the local authority of its functions in relation to the administration,

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monitoring, and supervision of designation conditions.

DC.14

The servants of agents of Auckland Council shall be permitted to have access to relevant parts of the Project at all reasonable times for the purpose of carrying out inspections, investigations, tests, measurements and/or to take samples.

Construction Environment Management Plan Conditions

CEMP.1

Except where provided for in Condition CEMP.1A below, the NZTA shall update and finalise the draft Construction Environmental Management Plan (CEMP) including all the Management Plans which form part of the CEMP and are included as appendices, submitted with this application to ensure compliance with the consent and designation conditions imposed by the Board of Inquiry. The CEMP shall be provided to the Major Infrastructure Team Manager, Auckland Council for review at least 20 working days prior to the commencement of works to certify compliance and consistency with the conditions. Construction shall not commence until certification is obtained.

Advice note: For clarity the CEMP will be updated and finalised in accordance with the conditions. Any amendments will be limited to reflecting the requirements of the conditions, specifying personnel, and completing the Environmental Risk Register.

Advice note: Particular care must be taken with development and operation of Construction Yard 7. When the CEMP is being updated and finalised, consideration must be given to the contents of the draft SSCEMP prepared for Construction Yard 7 (Row 41, Schedule A) recognising changes required by inclusion of the ventilation stack in this yard.

CEMP.2

The certification process of the CEMP (and its appendices) shall confirm that the CEMP gives effect to the relevant conditions, as well as those matters in CEMP.6, and that it includes details of:

- (a) Staff and contractors' responsibilities;
- (b) Training requirements for employees, sub-contractors and visitors;
- (c) Environmental incident and emergency management;
- (d) Communication and interface procedures (in accordance with the Communication Plan required under Condition PI.2);
- (e) Environmental complaints management (including the procedures required under Condition PI.4);
- (f) Compliance monitoring;
- (g) Reporting (including detail on the frequency of reporting to the Auckland Council);
- (h) Environmental auditing; and
- (i) Corrective action.

CEMP.3

The management of key environmental effects associated with the construction phase of the Project is detailed within environmental management plans that are included in the CEMP as appendices. This suite of management plans as shown on Figure CEMP.A comprises:

- (a) Construction Noise and Vibration Management Plan (CNVMP);
- (b) Construction Air Quality Management Plan (CAQMP);
- (c) Erosion and Sediment Control Plan (ESCP);
- (d) Temporary Stormwater Management Plan (TSMP);
- (e) Ecological Management Plan (ECOMP);
- (f) Groundwater Management Plan (GWMP);
- (g) Settlement Effects Management Plan (SEMP);
- (h) Contaminated Soils Management Plan (CSMP);

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- (i) Hazardous Substances Management Plan (HSMP);
- (j) Archaeological Site Management Plan (ASMP);
- (k) Construction Traffic Management Plan (CTMP);
- (l) Concrete Batching and Crushing Plant Management Plan (CBCPMP);
- (m) Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP) (to be prepared in accordance with Condition CEMP.15);
- (n) Waste Management Plan (to be prepared in accordance with Condition CEMP.10); and
- (o) Temporary Construction Lighting Management Plan (to be prepared in accordance with Condition L.2).

CEMP.4

The CEMP shall be implemented and maintained throughout the entire construction period.

CEMP.5

A copy of the CEMP shall be held on each construction site at all times and be available for inspection on request by the Auckland Council.

CEMP.6

The finalised CEMP shall include specific details on demolition, construction and management of all works associated with the Project. The certification process of the CEMP shall confirm that the CEMP includes details of the following:

- (a) Details of the site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) The location of large notice boards that clearly identify the NZTA and the Project name, together with the name, telephone, email address and address for service of the site or Project manager and the community liaison person;
- (c) An outline construction programme of the work indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- (d) The hours of work, which should reflect the need to ensure that residents enjoy reasonable freedom from noisy or intrusive construction activity in their neighbourhood at night, on Sundays and during public holidays;
- (e) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/ storage of rubbish, storage and unloading of building materials and similar construction activities;
- (f) Location of worker's offices and conveniences (e.g. portaloos);
- (g) Procedures of controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- (h) Methods to stabilise ingress and egress points to construction sites, to the standard required by ARC Technical Publication 90 (Nov 2007);
- (i) Procedures for ensuring that residents within 100m of construction areas or other people whose use of an area may be disrupted by construction works (for example the Te Atatu Boating Club for works on the Whau River) are given notice of the commencement of construction activities and are informed about the expected duration of the works, including potentially through the community liaison person;
- (j) Procedures to be followed to ensure that those working in the vicinity of identified heritage and ecological features are aware of the heritage or ecological values of these features and the steps which need to be taken to meet the conditions applying to work on the site;
- (k) Means of ensuring the safety of the general public;
- (l) Procedures for the community liaison person to receive and respond to complaints about construction activities, including dust and odour from the works;
- (m) Methods of mitigating the local and network wide effects of construction of individual elements of the Project, including measures to ensure that parking of staff vehicles on surrounding streets is restricted;
- (n) All temporary boundary/ security fences shall be maintained in good order, with any graffiti removed as soon as possible;
- (o) Confirmation of a Project Arborist and completion of a STEM assessment of the preliminary list of Amenity

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Trees in Schedule E.7 of the AEE to confirm the final Amenity Trees; and

(p) The process to minimise removal of Amenity Trees, maximise the protection of those retained, undertake relocation of Amenity Trees and replacement planting of specimen trees (in accordance with Conditions LV.10 and ARCH.9)).

(q) Advice note: For the purposes of CEMP.6(o) and (p), Amenity Tree is defined as a tree or trees that contribute significantly to amenity, taking into account its form, size, health, ecological or historical significance (a preliminary list of these trees is provided in Appendix E.7 of the AEE).

CEMP.7

The layout of the 12 Construction Yards, including associated buildings, fencing and site access shall be developed in accordance with Waterview Connection Project Construction Yards Plans (Refer Schedule A, Row 7). The layout drawings shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to the occupation of the yard, for review and certification that the final layout of the construction yards is in accordance with the conditions. The layout drawings shall incorporate the following:

- (a) The main access to the construction yards to be located as far as practicable from residential dwellings, taking into account site and public safety and environmental constraints, in the locations shown on Waterview Connection Project Construction Yards Drawings (Refer Schedule A, Row 7);
 - (b) Noisy construction activities to be located as far as practicable, and preferably no less than 100m, from residential dwellings; Construction of temporary boundary/ security fences to be undertaken in a manner which minimises impacts on existing trees;
 - (c) Temporary acoustic fences and visual barriers;
 - (d) Temporary buildings greater than 8 metres in height to be located in a position which minimises visual impact on adjacent residential dwellings; and
- Location of workers' and Project vehicle parking.

CEMP.8

All storage of material and equipment associated with the construction works shall take place within the boundaries of the designation.

CEMP.9

Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the roads during the site preparation and construction phase of the Project. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standards as existed prior to such damage at no cost to the Auckland Council.

CEMP.10

The NZTA shall finalise and implement the Hazardous Substances Management Plan (HSMP), through the CEMP (as per Condition CEMP.1), submitted with this application, prior to works commencing on site. The certification process of the CEMP shall confirm that the HSMP clearly identifies the requirements for proper storage, handling, transport and disposal of hazardous substances during the construction phase of the Project and confirm that there shall be no storage of explosives on the Project site.

CEMP.11

The NZTA shall develop and implement a Waste Management Plan in accordance with the waste management principles, controls and methods set out in the CEMP. The Plan shall be provided to the Major Infrastructure Team Manager, Auckland Council and be implemented throughout the entire construction period.

CEMP.12

The CEMP shall be reviewed by the NZTA at least annually or as a result of a material change to the Project. The review shall take into consideration:

- (a) Compliance with designation and consent conditions;

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- (b) Any changes to construction methods;
- (c) Key changes to roles and responsibilities within the Project;
- (d) Changes in industry best practice standards;
- (e) Changes in legal or other requirements;
- (f) Results of inspections, monitoring, incidents, corrective actions, internal or external assessments; and
- (g) Public complaints.

A summary of the review process undertaken shall be kept by the NZTA, provided annually to the Major Infrastructure Team Manager, Auckland Council and made available (with any related data) to the Auckland Council upon request.

CEMP.13

Following the review process (as described in Condition CEMP.12), the CEMP may require updating. Any material change proposed to the CEMP (including appended Management Plans) shall be submitted for approval to the Major Infrastructure Team Manager, Auckland Council at least 10 working days prior to the proposed changes taking effect.

Advice Note:

Material change will include amendment to any base information informing the CEMP or any process, procedure or method of the CEMP (such as the environmental constraints map, compliance monitoring process, complaints procedure or mitigation / remedial methods identified) which has the potential to increase adverse effects on a particular value. For clarity changes to personnel and contact schedules do not constitute a material change.

CEMP.14

The CEMP shall include, as an appendix, an Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP). The EISDCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council, and include:

- (a) Methods and measures:
 - (i) To ensure that the existing high voltage infrastructure can be accessed for maintenance at all reasonable times, or emergency works at all times, during and after construction activities.
 - (ii) To appropriately manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear, to the overhead transmission lines
 - (iii) To ensure that no activity is undertaken during construction that would result in ground vibrations and/or ground instability likely to cause material damage to the transmission lines, including support structures.
 - (iv) To ensure that changes to the drainage patterns and runoff characteristics do not result in adverse effects from stormwater on the foundations for any high voltage transmission line support structure.
- (b) Sufficient detail to confirm that new planting and maintenance of vegetation will comply with the New Zealand Electricity (Hazard from Trees) Regulations 2003, including, but not limited to, the provisions of Schedule (Growth Limit Zones) to those Regulations.
- (c) Sufficient detail to confirm that the works will comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001), including, but not limited to, the provisions of:
 - (i) Clause 2.2 with respect to excavations near overhead support structures;
 - (ii) Clause 2.4 with respect to buildings near overhead support structures;
 - (iii) Section 3 with respect to minimum separation between buildings and conductors;
 - (iv) Section 5 with respect to minimum safe distances for the operation of mobile plant; and,
 - (v) Table 4 with respect to minimum safe separation distances between the ground and the overhead conductors.
- (d) Confirmation that Transpower has been provided a copy of the EISDCMP for their review at least 20 working days prior to construction.

Advice note: With respect to clause (c), specific consideration must be given to the height and location of temporary structures (such as Project offices and other construction site facilities) and permanent structures

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(such as lighting poles, signage, gantries and acoustic barriers).

CEMP.15

The NZTA will be responsible for all service relocations required for construction of the Project. The NZTA shall liaise with the providers of infrastructure service networks (including, but not limited to water, gas, stormwater, wastewater, power and telecommunications), and private property owners with on-site services to develop methodologies and timing for necessary services relocation required for the Project, with the objective of minimising disruption to the operation of these service networks and onsite services.

Advice note:

(a) It is noted that if separate consents are required for relocations for any services of network utility operators or landowners, such consents will be obtained before construction commences in the relevant area, and any effects of those relocations would be considered at that time. The same applies to any alteration of consents if required.

(b) Network infrastructure owned and operated by Watercare Services is located within the designations. An operating agreement will be developed by the NZTA and Watercare Services which will include appropriate notification and access protocols where works are to be undertaken by either network operator on or adjacent to Watercare Services infrastructure within the designations.

Public Information Conditions

PI.1.

A community liaison person shall be appointed by the NZTA for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the Project. The liaison person's name and contact details shall be made available in the CEMP and on site signage by the NZTA. This person must be reasonably available for on-going consultation on all matters of concern to affected parties arising from the Project.

PI.2.

The NZTA shall prepare and implement a Communications Plan that sets out procedures detailing how the public, Ministry of Social Development, Housing New Zealand Corporation and other organisations representing the particular demographic characteristics of the community (including but not limited to Primary Health Organisations, general practitioners, youth, education organisations, aged care groups and groups representing ethnic and migrant communities) will be communicated with throughout the construction and monitoring periods (as prescribed in the designation and consent conditions).

In preparing the Communications Plan, the NZTA will liaise with Auckland Council to access its community liaison databases. The Communications Plan will include details of:

- (a) The site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) In accordance with these Conditions, the database of the key construction activities and monitoring requirements that are the subject of the Communications Plan;
- (c) The database of stakeholders and residents who will be communicated with;
- (d) Communication methods, an assessment of how these methods reach the different audience/ stakeholder groups (including those methods set out in Condition CEMP.6), and detail on when each of these methods will be used (e.g. regular communication or event specific methods);
- (e) The appointed specialist in Environmental and Occupational Medicine, including contact details (as per Condition SO.13);
- (f) Any stakeholder specific communication plans required; and
- (g) Monitoring and review procedures for the Communications Plan.

The Communications Plan shall be written in accordance with the external communication procedures set out in the CEMP and provided at least 20 working days prior to construction commencing, to the Major Infrastructure Team Manager, Auckland Council, Working Liaison Group and the Community Liaison Group(s) established by Condition PI.5. The structure of the communication groups set out in these conditions is attached as Figure

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PI.A.

PI.3.

At least 15 working days prior to the commencement of construction, and at 15 working day intervals thereafter, or as required depending on the scale of works and effects on the community, advertisements will be placed in the relevant local newspapers and community notice boards (as identified in Condition CEMP.6(b)) detailing the nature of the forthcoming works, the location of the forthcoming works and hours of operation. All advertisements will include reference to a 24 hour toll free complaints telephone number. Where relevant, advertisements will also include but not be limited to details of:

(a) Any traffic disruptions or controls or changes to property access, pedestrian/ cycle routes and bus stops; and

(b) Any other construction activities, including night time works, blasting, and structure-borne noise, as identified in the conditions.

PI.4.

The NZTA shall manage, investigate and resolve (as appropriate) all complaints for the duration of the construction works in accordance with the environmental complaints section of the CEMP. The implementation strategy for complaints includes:

(a) A 24 hour toll free telephone number and email address, which shall be provided to all potentially affected residents and businesses. The number shall be available and answered at all times during the entire duration of the works for the receipt and management of any complaints. A sign containing the contact details shall be located at each site specific work activity;

(b) The NZTA shall maintain a record of all complaints made to this number, email or any site office, including the full details of the complainant and the nature of the complaint;

(c) Upon receiving a complaint, within 10 days of complaint receipt, a formal written response will be provided to the complainant and Auckland Council;

(d) The NZTA shall undertake corrective action where necessary to resolve any problem identified. All action taken and relevant information shall be documented. For the avoidance of doubt, 'where necessary' refers to where the works are not being carried out in accordance with conditions of this designation;

(e) Where issues and complaints about effects cannot be resolved through the CEMP complaints management process, a meeting shall be held between the NZTA, the complainant and the Auckland Council representative(s) to discuss the complaint and ways in which the issue may be resolved. If parties cannot agree on a resolution, an independent qualified mediator will be appointed, agreeable to all parties and at the shared cost of all parties, to undertake mediation of the dispute or concerns; and

(f) All information collected in Conditions PI.4 (b), (c) and (d) shall be detailed in a Construction Compliance Report (including the means by which the complaint was addressed, whether resolution was reached and how the response was carried out) prepared by the NZTA. This Report shall be submitted to the Major Infrastructure Team Manager, Auckland Council on a quarterly basis commencing at the beginning of the works and for the entire duration of construction.

PI.5.

The NZTA shall establish Community Liaison Group(s) at least two months prior to construction commencing in each of the following key construction areas:

(a) Te Atatu (including the SH16 Causeway)

(b) Waterview (including works to St Lukes on SH16 and on the Waterview Estuary and Causeway Bridges)

(c) Owairaka

and hold regular meetings (at least three monthly) throughout the construction period and up to 24 months following construction completion relevant to these areas (or less if the members of the Group agree), so that on-going monitoring information can continue to be disseminated.

The Community Liaison Group(s) shall be open to all interested parties within the Project area including, but not limited to the following groups:

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- (a) Auckland Council and Auckland Transport;
- (b) Educational facilities within the Project area (including schools, kindergartens, childcare facilities and Unitec Institute of Technology);
- (c) Relevant community/ environmental groups (including but not limited to Friends of Oakley Creek, Star Mills Preservation Group, Cycle Action Auckland and representatives from those organisations identified in the Communications Plan (as required by Condition PI.2) and local residents;
- (d) Department of Conservation;
- (e) Local Boards;
- (f) Iwi groups with Mana Whenua;
- (g) Public transport providers; and
- (h) Housing New Zealand Corporation.

Advice note: The purpose of the Community Liaison Group(s) is to provide a regular forum through which information about the Project can be provided to the community, and an opportunity for concerns or issues to be raised.

PI.6.

The Community Liaison Group(s) shall be provided opportunities to review and comment on the following (amongst other things):

- (a) The Outline Plan of Works detailing designs for the northern and southern ventilation buildings and stacks (the outcomes of this consultation will be reported in accordance with the processes required in DC.8(n) and DC.9(k);
- (b) The Open Space Restoration Plans (as required by Condition OS.3);
- (c) Finalisation and amendment to Urban Design and Landscape Plans (UDL Plans) (as required by Condition LV.1);
- (d) The Oakley Inlet Heritage Plan (as required by Conditions OS.5(b)(i) and ARCH.6);
- (e) The detail of the Oakley Creek restoration (as required by Condition STW.20);
- (f) Publicly available results of environmental monitoring as required by the designation and/or these Consents (e.g. air quality monitoring); and
- (g) The finalisation of the STEM assessment required by CEMP.6(o) and a schedule of trees that are required to be removed for consideration of timber use in heritage projects as required by Condition SO.7.

Advice Note: Attention is drawn to the Vegetation conditions concerning identification and protection of Significant Vegetation and Valued Vegetation.

- (h) Detailed design features of the Te Atatu underpass (e.g. lighting and architectural treatment).

Temporary Traffic Conditions

TT.1

The NZTA shall update and finalise the Construction Traffic Management Plan (CTMP) submitted with this application, in accordance with these conditions, and implement it through the CEMP.

In finalising the CTMP, the NZTA shall:

- (a) Provide simulation modelling demonstrations to better understand the effects of construction of the Project on the affected road network;
- (b) Include measures to avoid road closures and restrictions of vehicle, bus, cycle and pedestrian movements;
- (c) Where road closures or restrictions cannot reasonably be avoided the particular vulnerabilities and sensitivities of pedestrian diversions and restricted conditions shall be taken into account in the planning of any closures or restrictions.

TT.2

The CTMP shall require the development of Site Specific Traffic Management Plans (SSTMPs) and their approval by the Traffic Management Project Governance Group (as defined by the CTMP), for each construction

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activity that may affect traffic or transportation infrastructure and services. The SSTMPs shall be provided to the Traffic Management Coordinator(s) for the relevant Road Controlling Authority at least 10 working days prior to each construction activity.

TT.3

Each SSTMP shall describe the measures that will be undertaken to avoid, remedy or mitigate the local and network wide effects of construction of the Project. In particular, the SSTMP shall include the following matters:

- (a) Traffic management measures to address and maintain, traffic capacity, including bus services, at peak traffic periods during weekdays (6:00 to 9:00 and 16:00 to 19:00) and peak traffic periods at weekends (including Te Atatu Road, Great North Road and Richardson Road);
- (b) Methods to manage the effects of traffic during construction including the requirement to detour or divert traffic. These methods shall seek to avoid, remedy or mitigate effects on access to and from businesses and other organisations in the area;
- (c) Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- (d) Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (e.g. intersections/ overbridges) and the use of staging to allow sections of the Project to be opened to the traffic while other sections are still under construction;
- (e) Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks) during construction;
- (f) Any routes where construction traffic movements will be restricted (either for particular times for construction periods);
- (g) Measures to maintain existing vehicle access, as far as practicable, or where the existing property access is to be removed or becomes unsafe as a result of the construction works, measures to provide alternative access arrangements in consultation with the Auckland Council and the affected landowner; and
- (h) Measures to maintain pedestrian and cycle access with thoroughfare to be maintained on all roads and footpaths adjacent to the construction works, where practicable (e.g. unless provision of such access is severed by the works or such access will become unsafe as a result of the construction works). Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours. (This Condition does not act as a qualification to the commitment to maintain access to open space and education facilities, as required in Condition OS.13).

TT.4

The SSTMPs shall include traffic management measures developed in consultation with the Auckland Transport, Bus and Coach Association and the Auckland Council, to address and maintain, where practicable, existing levels of service for buses particularly at peak periods (6:00 to 9:00 and 16:00 to 19:00) on weekdays.

TT.5

The NZTA shall consult with the Traffic Operations Manager, Auckland Transport with regard to the most appropriate means for providing access on Council roads within and adjacent to the designation. The NZTA shall also coordinate and consult directly with the proponents of any major construction or major traffic generating event occurring concurrently with, and in the vicinity of the Project.

TT.6

The SSTMPs shall include measures developed in consultation with Auckland Transport to, as far as practicable, enable continued public walking and cycling passage along the existing Northwestern Cycleway (between Te Atatu Interchange and St Lukes Interchange) and along Great North Road and the public walkway along Oakley Creek, with any interruptions being as short as feasible.

TT.7

The NZTA shall undertake construction works so as to avoid significant long duration impacts or the full closure of Te Atatu Road for all road users heading to or from the Te Atatu Peninsula and to ensure that access for

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emergency service vehicles is maintained.

TT.8

The NZTA shall restrict construction truck movements during peak hours (6:00 to 9:00 and 16:00 to 19:00) on weekdays and during the peak periods at the weekends to avoid the following:

- (a) Te Atatu Road Interchange, during both morning and afternoon peak hours
- (b) Great North Road Interchange, city bound during the morning peak hours
- (c) Great North Road Interchange, west bound onto SH16 and southbound onto Great North road during the afternoon peak.

Construction truck movements during these hours shall only be allowed under exceptional circumstances agreed in advance with the Traffic Management Project Governance Group.

TT.9

The NZTA shall maintain at least the existing active traffic lane configuration capacity on SH16, at the Te Atatu Interchange area, Te Atatu Road, Richardson Road and on Great North Road during peak periods being 6:00 to 9:00 and 16:00 to 19:00 on weekdays and during the peak periods on weekends, for the duration of the temporary construction programme.

TT.10

The NZTA shall monitor the impact of construction traffic in terms of traffic speeds and volumes on SH16, Great North Road, Te Atatu Road and Richardson Road throughout the construction period to confirm the expected traffic effects as set out in the Temporary Traffic Assessment (Technical Report G.16) submitted with this application.

- (a) This monitoring will be undertaken on a daily, weekly and monthly basis; and
- (b) Monitoring results will be made available to the Traffic Operations Manager, Auckland Transport on request.

TT.11

If monitoring undertaken pursuant to Condition TT.10 indicates that traffic volumes or traffic conditions are significantly different from those expected, the SSTMPs will be reviewed and as appropriate amended to the satisfaction of the Traffic Management Project Governance Group.

Operational Traffic Conditions

Integration with Local Road Network

OT.1

The NZTA shall prepare in collaboration with Auckland Transport a Network Integration Plan (NIP) for the Project, or relevant Project phases, to demonstrate how the Project integrates with the existing local road network and with future improvements (identified in the Western Ring Route (Northwest) Network Plan) planned by the Auckland Council. The NIP shall include details of proposed physical works at the interface between the State highway and the local road network, and shall address such matters as pedestrian/ cycle ways, lane configuration, traffic signal co-ordination, signage and provision for buses

In addition, the NIP will address:

- (a) The commitment of the NZTA to progress bus priority measures northbound on Great North Road as part of the reinstatement of Great North Road, as proposed by Auckland Transport and indicated on the Plans Great North Road Option 1 Proposed Road Marking (Schedule A, Row 33), subject to the agreement with Auckland Transport;
- (b) How the works committed to by the NZTA for pedestrian and cycle ways, as detailed in the PT and Active Mode Transport Routes Plan Set (Condition DC.1(d) (refer Schedule A, Row 22)), integrate with pedestrian and cycle ways on the wider transport network;
- (c) The Richardson Road Bridge, which shall be designed in general accordance with the structural plans (Schedule A, Row 9) and the commitment of the NZTA to provide a 2m footpath on Richardson Road Bridge, subject to confirming appropriate bus stop locations with Auckland Transport;

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- (d) Integration of the works proposed on Te Atatu Road to appropriately transition between the Waterview Connection Project and any projects being progressed by Auckland Transport;
- (e) Opportunities to review traffic signal timings at the Te Atatu Interchange with a view to minimising delays to all users, including cyclists on the SH16 cycle way; and
- (f) The commitment of the NZTA to provide for cycle “aspects” (cycle signal lights) at the Great North Road Interchange.
- (g) As part of detailed design at the Te Atatu Interchange, the installation of underpasses and/or overbridges, provided however that should some not prove feasible in civil or traffic engineering design terms, the installation of coordinated traffic signal operation for cyclists on the north-western cycleway by means of synchronised cycle lights which seek to reduce delays for cyclists.

Works identified in the NIP which are the responsibility of the NZTA, will be undertaken as at the time of construction works for the Project.

The NZTA shall prepare a Tunnel Traffic Operation Plan in consultation with the Auckland Transport and Auckland Council. The Plan shall include, but not be limited to:

- (a) Procedures for tunnel operational safety, including fire-life safety;
- (b) Procedures for maintenance requirements.
- (c) Procedures for managing traffic to avoid or minimise potential congestion within the tunnel, particularly during peak periods.
- (d) Procedures for the management of traffic during incidents.
- (e) Procedures for the operation of tunnel fans and the management of portal emissions.
- (f) Confirmation that all equipment has been tested and operates in accordance with requirements and specifications.

The Tunnel Traffic Operation Plan shall be completed and provided to Auckland Transport and to the Major Infrastructure Team Manager, Auckland Council (in respect of Condition OT.2(e)), prior to operational use of the tunnelled section of SH20.

Advice note: The operation and maintenance of the air quality monitoring equipment inside the tunnel shall follow manufacturer’s recommendations.

Noise and Vibration Conditions – Construction

CNV.1

The NZTA shall finalise and implement through the CEMP, a Construction Noise and Vibration Management Plan (CNVMP) throughout the entire construction period of the Project.

The CNVMP shall describe the measures adopted to meet:

- (a) the noise criteria set out in Conditions CNV.2 and 3 below;
- (b) the vibration criteria set out in Condition CNV.4 below; or
- (c) where (a) or (b) cannot be met, the process that will be followed to appropriately mitigate noise and vibration effects including methods that may be applied outside the designation.

The CNVMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CNVMP, as a minimum, addresses the following:

- (i) Construction noise and vibration criteria (Conditions CNV.2, CNV.3, and CNV.4);
- (ii) Hours of operation, including times and days when noisy and/or vibration inducing construction activities would occur;
- (iii) Machinery and equipment to be used;
- (iv) Vibration testing of equipment to confirm safe distances to buildings prior to construction;
- (v) Preparation of building condition surveys of critical dwellings prior to, during and after completion of construction works;

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- (vi) Roles and responsibilities of personnel on site;
- (vii) Construction operator training procedures;
- (viii) Methods for monitoring and reporting on construction noise and vibration;
- (ix) A hierarchy of mitigation options that will be assessed for the Project noise mitigation, including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved;
- (x) Management schedules containing site specific information;
- (xi) Measures for liaising with and notifying potentially affected receivers of proposed construction activities and the potential for noise and vibration effects, specifically:
 - PPFs located within a horizontal distance of 35 metres of underground excavation works, along the tunnel alignment shall receive prior notification not greater than 7 days (and not less than 24 hours) prior to the commencement of works.
 - Methods for ensuring residents affected by night works (within 100m of the construction site night works, as defined on the maps (refer Schedule A, Row 35) are notified of such works (i.e. any works during the hours of 20:00 to 06:30) at least 5 days prior to the commencement of any such work.
 - The maps showing PPFs to be notified of night works (refer Schedule A, Row 35, shall be reviewed and included within the CNVMP.
- (xii) Methods for receiving and handling complaints about construction noise and vibration;
- (xiii) Measures for preventing the occurrence of rogue fly rock, including management of charge weights and face loading procedures, stemming of charge holes and profiling of the face to maintain minimum burden (face cover);
- (xiv) Investigations on the practicability of implementing permanent noise mitigation works for construction mitigation (as per Condition CNV.7);
- (xv) Investigations of the practicability of implementing Building Modification mitigation, as required in accordance with Conditions ON.6 and ON.11, prior to commencement of construction within 100m of the relevant PPFs (including those on the Unitec site); and
- (xvi) The process for developing Site Specific Noise Management Plans (SSNMP), in accordance with the SSNMP Flow Chart (refer Schedule A, Row 36), including templates and a certification process for the Major Infrastructure Team Manager, Auckland Council (in accordance with Condition CNV.13) to confirm the process of SSNMP review of noise mitigation options where, the modelled/predicted levels or subsequent actual levels exceed the criteria in Conditions CNV.2 and/or CNV.4.

CNV.2

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction noise (excluding noise from blasting Monday to Saturday inclusive) shall be measured and assessed in accordance with NZS 6803:1999 "Acoustics - Construction Noise" and shall comply with the following criteria:

Note: In Condition CNV.2 (T) means a duration between 15 minutes and 60 minutes, in accordance with NZS6803:1999.

(a)Project Construction Noise Criteria: Residential Receivers

Time of Week	Time period	Project Construction Noise Criteria (Long Term Construction)		
		dB		
		Sectors 1-7	Sectors 8-9	All Sectors
		LAeq(T)	LAeq(T)	LAeq(T)
Monday- Saturday	0630-0730	60	45	75
	0730-1800	70	70	85
	1800-2000	65	65	80
	2000-0630	60	45	75
Sundays and Public Holidays	0630-0730	45	45	75
	0730-1800	60	45	85
	1800-2000	45	45	75
	2000-0630	45	45	75

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(b) Project Construction Noise Criteria: Commercial and Industrial Receivers

Time Period	Project Construction Noise Criteria (Long Term Construction) dB
	LAeq(T)
0730-1800	70
1800-0730	75

(c) Project Construction Noise Criteria: Internal Structure-borne Noise from tunnelling for Residential Receivers

Time Period	Project Construction Noise Criteria Inside	
0600-2200	35 dB LAeq(T)	All habitable rooms
2200-0600	30 dB LAeq(T)	Bedrooms

(d) Project Construction Noise Criteria: Internal noise for Licensed Educational Facilities

Time Period (School Days)	Project Construction Noise Criteria Inside	
Teaching Hours	45 dB LAeq(T)	Classrooms, library, offices, teaching, laboratories, manual arts, workshops
Teaching Hours	40 dB LAeq(T)	School hall, lecture theatres

Note: In Condition CNV2(d) "Teaching hours" means: Primary schools and Kindergartens: 9am to 3pm Unitec: 8am to 9pm

CNV.3

Project Construction Noise Criteria: Airblast (excluding Sundays)

Category	Type of Blasting Operations	Peak Sound Pressure Level (LZpeak dB)
Human Comfort Limits		
Sensitive Site	Operations lasting longer than 12 months or more than 20 Blasts	115 dB for 95% blasts per year. 120 dB maximum unless agreement is reached with occupier that a higher limit may apply
Sensitive Site	Operations lasting less than 12 months or less than 20 Blasts	120 dB for 95% blasts per year. 125 dB maximum unless agreement is reached with occupier that a higher limit may apply
Occupied non-sensitive sites such as factories and commercial premises	All blasting	125 dB maximum unless agreement is reached with the occupier that a higher limit may apply. For sites containing equipment sensitive to vibration, the vibration should be kept below manufacturer's specifications of levels that can be shown to adversely affect the equipment operation
Damage Control Limits		
Structures that include masonry, plaster and plasterboard in their construction and also unoccupied structures of reinforced concrete or steel construction	All blasting	133 dB unless agreement is reached with owner that a higher limit may apply.

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Service structures such as pipelines, powerlines and cables located above ground	All blasting	Limit to be determined by structural design methodology
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CNV.4

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction vibration received by any building shall be measured and assessed in accordance with the German Standard DIN 4150-3:1999 "Structural vibration – Part 3: Effects of vibration on structures", and shall comply with the criteria set out as follows:

Type of Structure	Short-term vibration			Long-term vibration	
	PPV at the foundation at a frequency of				
	1-10 Hz (mm/s)	1-50 Hz (mm/s)	50-100 Hz (mm/s)	PPV at horizontal plane of highest floor (mm/s)	PPV at horizontal plane of highest floor (mm/s)
Commercial/Industrial	20	20-40	40-50	40	10
Residential/School	5	5-15	15-20	15	5
Historic or Sensitive structures	3	3-8	8-10	8	2.5

CNV.5

Notwithstanding Condition CNV.3 above,

(a) Blasting activities shall be conducted so that 95% of the blasts undertaken (measured over any twenty blasts on the foundation of any building outside the designation boundary) shall produce peak particle velocities not exceeding 5mm/s and 100% of the blasts undertaken shall produce peak particle velocities not exceeding 10mm/s irrespective of the frequency of the blast measured.

(b) Construction activities, which occur within Sectors 1, 6, 8 and 9 which are identified in Technical Report no. G.19 Assessment of Vibration Effects, as being at a 'High Risk' of exceeding the DIN 4150-3:1999 criteria (being excavation, piling, compaction and drilling) shall be conducted so that 95% of the activities undertaken (measured over at least 20 representative samples of the relevant activity on any residential building) shall produce peak particle velocities not exceeding the relevant criterion in DIN 4150-3:1999 and 100% of the activities undertaken shall not exceed 10mm/s irrespective of the frequency of the activity measured.

CNV.6

Blasting shall be undertaken between 09:00h and 17:00h, Monday to Saturday, except that blasting may be undertaken between 09:00h and 17:00h on Sundays where:

- (a) The blasting is at least 50m inside the Sector 8 tunnel;
- (b) The blasting produces peak particle velocities at any residential building not exceeding 0.5mm/s; and
- (c) The Project construction noise criteria set out in Condition CNV.2 for Sundays are complied with.

CNV.7

Where practicable, permanent (traffic) noise barriers, required in any Sector as Detailed Mitigation Options for operational noise following completion of the Project (in accordance with Conditions ON.3 to ON.5) shall be erected prior to noise generating construction works commencing. Where this is not practicable, temporary noise mitigation measures shall be implemented in accordance with the CNVMP, prior to noise generating construction works commencing.

CNV.8

Pile driving or pile removal shall not be undertaken at night (i.e. during the hours of 20:00 – 06:30).

CNV.9

The concrete batch plants, rock crushing plants and the loading bays and conveyors for such plants shall be fully enclosed.

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CNV.10

If noise and vibration monitoring of the tunnelling works for the Project (in accordance with Condition CNV.1), indicates that the noise or vibration criteria of Conditions CNV.2(c) or CNV.4 will potentially be exceeded and that temporary relocation will be offered for residents at 1510 Great North Road, then relocation (and temporary transportation) shall be arranged with the leaseholder at 1510 Great North Road for tenants (with at least 1 months' notice to the leaseholder prior to relocation). Any accepted offer of relocation is to be in place prior to tunnelling works within 50m of the building at 1510 Great North Road.

CNV.11

For all other properties, if noise and vibration monitoring of the tunnelling works for the Project (in accordance with Condition CNV.1), indicates that the noise or vibration criteria of Conditions CNV.2 or CNV.4 will potentially be exceeded, then the process set out in the CNVMP will be undertaken including Site Specific Noise Management Plans. Where relocation for residents is proposed, notification of such relocation with residents and property owners will be undertaken in accordance with the processes contained in the CNVMP.

CNV.12

Any relocation required by CNV.10 will not be undertaken in the period between 10 working days prior to any Unitec examinations and the completion of those examinations.

CNV.13

SSNMPs (required by Condition CNV.1(xvi)) above, shall be submitted to Major Infrastructure Team Manager, Auckland Council for review and certification at least 7 working days prior to the proposed works commencing. A decision will be provided by the Council within 5 working days of receipt of the SSNMP.

Works will not commence until certification is received from the Major Infrastructure Team Manager, Auckland Council. The Council may, at its discretion, waive the requirement for SSNMPs to be submitted to the Council where an SSNMP is required.

If monitoring shows that levels specified in a SSNMP are being exceeded, work generating the exceedence will stop and not recommence until further mitigation is implemented in accordance with an amended SSNMP certified by Council.

Advice note: It is accepted that the criteria of CNV.2 and CNV.4 may not be met at all times, but that the NZTA will take all practical steps to achieve compliance, taking into account the hierarchy of mitigation options outlined in Condition CNV.1 (ix).

Noise Conditions – Operation

ON.1

For the purposes of Conditions ON.2-ON.14 the following terms will have the following meanings:

- Appendix E – means Appendix E to the Technical Report G.12 'Assessment of Operational Noise Effects' submitted with this application.
- BPO – means Best Practicable Option.
- Building Modification Mitigation – has the same meaning as in NZS 6806:2010.
- Design Year – means a point in time that is 10 years after the opening of the Project to the public
- Emergency Mechanical Services – means mechanical services used for emergency situations only.
- Habitable room – has the same meaning as in NZS 6806:2010.
- Noise Criteria Categories – means groups of preference for time-averaged sound levels established in accordance with NZS 6806:2010 when determining the BPO mitigation option; i.e. Category A - primary noise criterion, Category B - secondary noise criterion and Category C - internal noise criterion.
- NZS 6806:2010 – means NZS 6806:2010 Acoustics – Road-Traffic Noise – New and Altered Roads.
- PPFs – means only the premises and facilities identified in green, yellow or red in Appendix E.
- Structural mitigation – has the same meaning as in NZS 6806:2010.

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ON.2

The NZTA shall implement the traffic noise mitigation measures identified as the “Preferred Mitigation Options” in Appendix E as part of the Project, in order to achieve the Noise Criteria Categories indicated in Appendix E (“Identified Categories”), where practicable and subject to Conditions ON.3-ON.11 below.

ON.3

The detailed design of the structural mitigation measures of the “Preferred Mitigation Options” (the Detailed Mitigation Options) shall be undertaken by a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council prior to construction of the Project, and, subject to Condition ON.4, shall include, as a minimum, the following:

- (a) Noise barriers with the location, length and height in general accordance with Appendix E and designed in accordance with the ULDF (Section B) (refer Schedule A, Row 38); and
- (b) A requirement that Open Graded Porous Asphalt (“OGPA”) or equivalent low-noise generating road surface be used on all surface roads throughout the Project, except at the Great North Road Interchange; and
- (c) For the Great North Road Interchange, a requirement that Twin Layer Open Graded Porous Asphalt (“Twin Layer OGPA”) or equivalent low-noise generating road surface be used as shown in Appendix E.

ON.4

Where the design of the Detailed Mitigation Options identifies that it is not practicable to implement a particular structural mitigation measure in the location or of the length or height included in the “Preferred Mitigation Options”, either:

- (a) If the design of the structural mitigation measures could be changed and would still achieve the same Identified Category at all relevant PPFs, and a suitably qualified expert approved by the Major Infrastructure Team Manager, Auckland Council, certifies to the Auckland Council that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measures; or
- (b) If the changed design of the structural mitigation measure would change the Noise Criteria Category at any relevant PPF from Category A or B to Category C but Major Infrastructure Team Manager, Auckland Council confirms that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed structural mitigation measures.

ON.5

The Detailed Mitigation Options shall be implemented prior to completion of construction of the Project.

ON.6

(a) Sectors 1 to 8 - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options:

- i. A noise level increase of 3 decibels or more will occur due to road-traffic noise from the Project; and
- ii. Habitable spaces are likely to receive in excess of 45 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year.

For those PPFs, following the process set out in Conditions ON.7 to ON.11, it shall be determined which Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces.

(b) Sector 9 - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options, habitable spaces are likely to receive in excess of 40 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year. For those PPFs, following the process set out in ON.7 and ON.8, it shall be determined if Building Modification Mitigation may be required to achieve 40 dB LAeq inside habitable spaces. For those PPFs where Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces, this shall be implemented

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following the process set out in ON.9 to ON.11.

ON.7

(a) Prior to commencement of construction of any sector of the Project in the vicinity of a PPF identified under Condition ON.6, the NZTA shall write to the owner of each such building seeking access for the purpose of measuring internal noise levels and assessing the existing building envelope in relation to noise reduction performance.

(b) If the owner(s) of the building approve the NZTA's access to the property within 12 months of the date of the NZTA's letter (sent pursuant to Condition ON.7(a)), then no more than six months prior to commencement of construction in any sector of the Project, the NZTA shall instruct a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council, to visit the building to measure internal noise levels and assess the existing building envelope in relation to noise reduction performance.

ON.8

Where a PPF identified under Condition ON.6 is identified, the NZTA shall be deemed to have complied with Condition ON.7 above where:

(a) The NZTA (through its acoustics specialist) has visited the building; or

(b) The owner(s) of the building approved the NZTA's access, but the NZTA could not gain entry for some reason after repeated attempts; or

(c) The owner(s) of the building did not approve the NZTA's access to the property within the time period set out in Condition ON.7(b) (including where the owner(s) did not respond to the NZTA's letter (sent pursuant to Condition ON.7(a) within that period); or

(d) The owner(s) of the building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.

If any of (b) to (d) above apply to a particular Building, the NZTA shall not be required to implement any Building Modification Mitigation at that Building

ON.9

Subject to Condition ON.8, within 6 months of the assessment required under Condition ON.7(b), the NZTA shall give written notice to the owner of each PPF identified under Condition ON.6:

(a) Advising of the options available for Building Modification Mitigation to the building; and

(b) Advising that the owner has three months within which to decide whether to accept Building Modification Mitigation for the building, and if the NZTA has advised the owner that more than one options for building modification mitigation is available, to advise which of those options the owner prefers.

ON.10

Once an agreement on Building Modification Mitigation is reached between the NZTA and the owner of an affected building, the mitigation shall be implemented (including the NZTA undertaking any required third party authorisation) in a reasonable and practical timeframe agreed between the NZTA and the owner. Building Modification Mitigation shall be to the standard specified in section 8.3.2 of NZS 6806:2010.

Advice Note: The NZTA will be responsible for obtaining any necessary building consents or other approvals to undertake the above Building Modification Mitigation.

ON.11

Subject to Condition ON.8, where Building Modification Mitigation is required, the NZTA shall be deemed to have complied with Condition ON.10 above where:

(a) The NZTA has completed Building Modification Mitigation to the Building; or

(b) The owner(s) of the Building did not accept the NZTA's offer to implement Building Modification Mitigation prior to the expiry of the timeframe stated in Condition ON.9(b) above (including where the owner(s) did not respond to the Requiring Authority within that period); or

(c) The owner of the Building cannot, after reasonable enquiry, be found prior to completion of construction of

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the Project.

ON.12

The NZTA shall manage and maintain the Detailed Mitigation Options to ensure that, those mitigation works are maintained to retain their noise attenuation performance indefinitely

ON.13

All mechanical services associated with the general operation of the tunnels shall be designed such that noise emissions do not exceed the following noise limits, when measured at or within the boundary of any residential-zoned site:

Monday to Saturday 7 am to 10 pm	50 dB LAeq(15 min)
Sunday & Public Holidays 9 am to 6 pm	50 dB LAeq(15 min)
At all other times	40 dB LAeq(15 min)
	75 dB LAmax

ON.14

(a) Prior to construction, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake a minimum of 8 (eight) representative measurements of ambient noise levels. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(b) Following completion of the work, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake traffic noise monitoring at the same sites surveyed in Condition ON.14 (a) above, within 2 to 3 years following completion of construction of the Project. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(c) The results of the noise level monitoring in accordance with ON.14(b) above shall be used to verify the computer noise model of the Detailed Mitigation Option. A report describing the findings of the verification shall be provided to the Major Infrastructure Team Manager, Auckland Council within one month of it being completed.

Vibration Conditions - Operation

OV.1

Existing ambient vibration levels shall be measured at critical locations nominated by the NZTA, and submitted to the Major Infrastructure Team Manager, Auckland Council for approval prior to the commencement of works. These baseline measurements will establish pre-Project vibration levels for comparison with future vibration levels.

Air Quality Conditions – Construction

GENERAL CONDITIONS

AQ.1.

The NZTA shall finalise and implement, through the CEMP, the Construction Air Quality Management Plan (CAQMP) and Concrete Batching and Crushing Management Plan (CBCMP) submitted with the application. The CAQMP and CBCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CAQMP and CBCMP includes the following details:

- (a) Daily visual monitoring of dust emissions;
- (b) Procedures for responding to process malfunctions and accidental dust discharges;
- (c) Criteria, including consideration of weather conditions and procedures for use of water sprays on stockpiles and operational areas of the site;
- (d) Continuous monitoring of Total Suspended Particulate (TSP) concentrations and meteorology;

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- (e) Monitoring of the times of detectable odour emissions from the ground;
- (f) Procedures for responding to discharges of odour (including in the event of excavation of contaminated sites);
- (g) Monitoring of construction vehicle maintenance;
- (h) Process equipment inspection, maintenance, monitoring and recording, including baghouses, pressure relief valves and high level alarms;
- (i) Complaints investigation, monitoring and reporting; and
- (j) The identification of staff and contractors' responsibilities.

AQ.2.

The NZTA shall review the CAQMP and CBCMP at least annually and as a result of any material change to the Project. Any consequential changes will be undertaken in accordance with Condition CEMP.13.

AQ.3.

All construction activities shall be operated, maintained, supervised, monitored and controlled at all times so that all emissions authorised by this consent are maintained at the minimum practicable level.

AQ.4.

The NZTA shall undertake construction activities in accordance with the CEMP, CAQMP and CBCMP, such that:

- (a) Hard surfaced areas of the construction yards and active construction areas are vacuum swept or scraped down at least twice each week and additionally as reasonably required;
- (b) All unsealed areas of the site used for vehicle movement are maintained visibly damp by the use of water sprays or a water cart during weather conditions where the potential for dust emissions exist;
- (c) Wheel wash systems are installed at all truck exits from unpaved areas of the site onto public roads are used for all trucks that depart from the site;
- (d) All stockpiles are constructed and positioned to minimise the potential for dust emissions. The surfaces of all stockpiles are maintained adequately damp at all times to minimise the release of particulate matter;
- (e) Belt conveyors for moving dry materials are fitted with water sprays or enclosed to minimise wind entrainment of dust. Where installed, water suppression is used whenever the conveyors are used for moving dry materials.

AQ.5.

Unless expressly provided for by conditions of this consent, there shall be no odour, dust or fumes beyond the site boundary caused by discharges from the site which, in the opinion of an enforcement officer, is noxious, offensive or objectionable.

AQ.6.

All offensive or objectionable dust beyond the boundary of the site caused as a result of processes on the site shall be mitigated forthwith in accordance with the requirements of the Construction Air Quality Management Plan.

AQ.7.

Beyond the site boundary there shall be no hazardous air pollutant caused by discharges from the site that causes, or is likely to cause, adverse effects on human health, environment or property.

AQ.8

No discharges from any activity on site shall give rise to visible emissions, other than water vapour, to an extent which, in the opinion of an enforcement officer, is noxious, dangerous, offensive or objectionable.

PROCESS CONDITIONS – CONCRETE BATCHING:

AQ.9

Air displaced from concrete batching plant during silo filling or concrete batching shall be vented to atmosphere

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via filter units as follows:

- (a) Cement silos – a pulse jet baghouse mounted on top of the silo designed to meet a particulate discharge concentration limit of 30 mg/m³, a collection efficiency of 99.9% and a maximum air to cloth ratio of 3.0 m³/m²/min.
- (b) Cement weigh hopper - a static baghouse mounted on top of the weigh hopper designed to meet a particulate discharge concentration limit of 30 mg/m³, a collection efficiency of 90% and a maximum air to cloth ratio of 1.0 m³/m²/min.
- (c) Mixer drum – either via the cement silo or via a separate baghouse designed to meet a particulate discharge concentration limit of 30 mg/m³, a collection efficiency of 99.9% and a maximum air to cloth ratio of 3.0 m³/m²/min. If a separate baghouse is used, the pressure drop across this baghouse shall be continuously monitored.

AQ.10

Each cement silo on site shall be fitted with a high fill alarm that shall be adequately maintained and be operating whenever bulk cement is being transferred into that silo. In the event of the alarm operating, filling into that silo shall cease immediately and shall not be resumed until the cause has been located and remedied.

AQ.11

No part of the concrete batching process shall be operated without the associated emission control equipment being fully operational and functioning correctly.

MONITORING

AQ.14

The NZTA shall undertake visual inspections of dust emissions as follows:

- (a) Visual inspections of all active construction areas at least three times daily during October to April inclusive, whenever there are construction activities. The results of visual monitoring shall be logged.
- (b) Visual inspections of dust emissions from the concrete batching plants and rock crushing plant shall be undertaken daily while the plant is operating

AQ.15

The operation of water sprays shall be checked at least once each day.

Air Quality Conditions – Construction

AQ.16

Continuous monitoring of TSP concentrations shall be undertaken in at least one location in Sector 1, in at least two locations in Sectors 5 and/or 7, and in at least two locations in Sector 9 while construction activities are being undertaken in those Sectors. The locations of continuous TSP monitors shall, as far as practicable, comply with the requirements of AS/NZ 3580.1.1:2007 Method for Sampling and Analysis of Ambient Air – Guide to Siting Air Monitoring Equipment.

AQ.17

Continuous monitoring of wind speed and direction shall be undertaken in at least one location in each of Sector 1, Sectors 5 or 7 and Sector 9 while construction activities are being undertaken in those Sectors. The locations of wind speed and direction monitors shall, as far as practicable, comply with the requirements of AS 2923:1987 Ambient Air – Guide for the Measurement of Horizontal Wind for Air Quality Applications and be at the same locations as the TSP monitors required by Condition AQ.16.

AQ.18

The locations and types of continuous TSP and meteorological monitoring sites required by Conditions AQ.16 and AQ.17 shall be selected by the NZTA in consultation with the Auckland Council. In the event of a failure of the monitoring equipment, this shall be repaired or replaced within 2 working days.

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REPORTING

AQ.19.

All records, logs, monitoring and test results that are required by the conditions of this consent shall be made available on request, during operating hours, to an Auckland Council enforcement officer and shall be kept for the duration of the consent.

AQ.20

If the monitoring required by Condition AQ.16 shows that concentrations of TSP in ambient air at or beyond the boundary of the site exceeds 80 micrograms/m³ as a 24-hour average, the NZTA shall undertake an investigation into the cause of the exceedance in accordance with the CAQMP.

AQ.21.

A report into the outcome of any investigation required by Condition AQ.20 shall be forwarded to the Major Infrastructure Team Manager, Auckland Council within 10 working days of the exceedance. If the cause of the exceedance is identified as being an activity undertaken on the site, the report shall also identify additional measures to be taken to reduce discharges of particulate matter into air from that activity.

AQ.22.

Log books shall be maintained that record all relevant information that is required to demonstrate compliance with the conditions of this consent. This information shall include, but is not limited to:

- (a) Visual assessments of any dust emissions from the site and the source;
- (b) Any dust control equipment malfunction and any remedial action taken;
- (c) When a water cart was used and, if so, the frequency of use and the volume of water used (including identification of location);
- (d) All relevant details of the TSP and meteorological monitoring required by Conditions AQ.16 and AQ.17;
- (e) Any additional dust control measures undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

AQ.23.

The NZTA shall maintain a log of any complaints received relating to air quality. Details of each complaint received shall be forwarded to the Major Infrastructure Team Manager, Auckland Council within 24 hours of receipt of the complaint. The log shall include any complaints lodged with the Auckland Council where the Council has informed the NZTA of the complaint. The log shall include, but not be limited to the following:

- (a) The date, time, location and nature of the complaint;
- (b) Weather conditions at the time of the complaint (including approximate wind speed, wind direction, cloud cover);
- (c) Any possible other contributing factors (such as a fire, smoky vehicle, a local chimney emission, etc.);
- (d) The name, phone number and address of the complainant (unless the complainant elects not to supply these details);
- (e) Any remedial actions undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

Landscape and Visual Conditions

LV.1.

The Urban Design and Landscape Plans (UDL Plans) (Plan Set F.16, refer Schedule A, Row 17) shall be reviewed and revised in accordance with the conditions and submitted to the Major Infrastructure Team Manager, Auckland Council for certification that they comply with the conditions of the consents/ designation prior to construction of the relevant Project stage, at least 20 working days prior to the commencement of construction.

The UDL Plans shall be updated to:

- (a) Reflect relevant details from the PT and Active Mode Transport Routes Plan Set (Schedule A, Row 23);
- (b) Remove the playing field at Waterview Reserve;

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- (c) Confirm the reconfigured bund design at Alwyn Avenue (Schedule A, Row 42);
- (d) Reflect landscaping required in relation to the northern vent stack in Waterview Glades pursuant to Conditions DC.8.

LV.2.

In certifying the UDL Plans, prepared in accordance with Condition LV.1, the Major Infrastructure Team Manager, Auckland Council shall be satisfied the UDL plans includes:

- (a) The visual mitigation of infrastructure as detailed in Section B of the UDLF (refer Schedule A, Row 38).
- (b) Incorporation of art or art through design of structures, particularly as it relates to noise barriers and the Great North Road Interchange piers and ramps (Refer to clauses (g) and (i) below).
- (c) Planting to screen houses and noise walls (including cross section details);
- (d) Planting along the corridor on Traherne Island, in accordance with these conditions and the Ecological Management Plan;
- (e) Specimen planting on the Great North Road Interchange and the Te Atatu Road Interchange;
- (f) Specimen planting at the tunnel portals (except where this is within the OPW area);
- (g) Finalisation of the noise barriers (as required by Condition ON.3(a)) in accordance with the design principles for noise walls (refer Schedule A, Row 32);
- (h) Delineation of the final areas of the Open Space Restoration Plans in accordance with the Open Space Restoration Plans (Schedule A, Row 30), and reference that all works within the Open Space Restoration Plan Areas are subject to Conditions OS.1 to OS.8;
- (i) Oakley Inlet Heritage Plan, prepared in accordance with Conditions OS.5, and in particular, consideration shall be given to the design treatment of the Great North Road Interchange piers and ramps to take into consideration the impact of the structures on the visual quality of the open space beneath;
- (j) Ecological Management Plan, prepared in accordance with Conditions V.1, A.1, H.1, F.1 and M.1;
- (k) Western Ring Route: Maioro Street Interchange and Waterview Connection - Oakley Creek Rehabilitation and Restoration Guidelines (Boffa Miskell, 2010); and
- (l) Details of artworks or art through design of structures within the Project (e.g. design detailing of median barriers, bridge railings, safety barriers, piers, retaining walls and tunnel portals), in accordance with Section B of the Urban Landscape and Design Framework (UDLF June 2010) (refer Schedule A, Row 38) and F.8:Plans of Structures and Architectural Features, but excluding the north and south ventilation buildings, plans sections and elevations.

LV.3.

The NZTA shall have implemented the UDL Plans within 6 months of practical completion of construction of the Project.

LV.4.

The landscaping shall be implemented in accordance with the UDL Plans within the first planting season following the completion of the construction works, provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained for a period of 10 years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping shall be implemented in accordance with this Condition for each stage unless subsequent construction staging requires use of the proposed landscaping area.

Advice note: On-going control and management of the landscaping within the designation is the responsibility of the NZTA.

LV.5.

The NZTA shall implement the UDL Plans taking into account the pest plant management guidelines detailed in the Ecological Management Plan (as required by Condition CEMP.3).

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LV.8.

The NZTA shall ensure that any areas within the designation affected by construction activities have sub-soil rehabilitated and top-soil replaced so that the hydrological response including the volume of stormwater runoff generated is as close as practicable to the predevelopment situation. The methodologies to achieve this shall be documented and provided to the Major Infrastructure Team Manager, Auckland Council with the revised UDL Plans submitted pursuant to Condition LV.1.

LV.10.

The UDL Plans shall identify all Amenity Trees required to be removed over the construction of the Project (in accordance with Condition CEMP.6(o) and (p)). Replacement trees shall be sized at 160Lt and will either draw from the Coastal Forest or Basalt Rock Forest ecotypes listed in the Landscape Planting Schedules (provided in F.16, refer Schedule A, 17) or an agreed alternative species (confirmed by Major Infrastructure Team Manager, Auckland Council), except in the case of those trees subject to Condition ARCH.9.

Advice note: This does not necessarily apply to any replacement planting in the Open Space Restoration Plan areas, which will be confirmed in approval from Auckland Council and will be in accordance with relevant Auckland Council Park guidelines (see Condition OS.4).

Open Space Conditions

OS.1

For the purposes of Conditions OS.2 – OS.15 the following terms will have the following meanings:

- Full size – means a football (soccer) field with the dimensions 100m x 60m.
- Half size – means a football (soccer) field with the dimensions less than 100m x 60m but no smaller than 50m x 30m.
- Toddler – means a playground specifically designed for children between the ages of 1 and 3.
- Junior – means a playground specifically designed for children between the ages of 4 and 8.
- Youth – means a playground specifically designed for children between the ages of 9 – 14 years.
- Open Space Restoration Plans – means those plans listed in Schedule A, row 30.
- Open for Play - means the sports field has a level surface and a dense weed-free sward of mature grass, goal posts and lighting if indicated in the Open Space Restoration Plans approved by the Auckland Council.
- Sand - carpeted - means the field has been levelled and irrigated, and conventional sub-soil drains, slit drains and a 50mm deep sand carpet have been installed. The field has been stolonised with a warm season grass such as kikuyu or couch.
- Auckland Council Park Guidelines – means the document by Auckland City Council titled “Furnishing our parks: design guidelines for park furniture”, dated September 2009
- Park furniture – means those items described in the Auckland Council Park Guidelines
- AS2560 – means the Australia New Zealand Standard for lighting of sports fields.
- AS4282 – means the Australia New Zealand Standard for the control of the obtrusive effects of outdoor lighting.
- Way finding exercise – means a process for determining the number, size, location and content of signage to provide clear direction for all park users.
- Skate-park for the purpose of conditions OS.5(b)(iii) means a skate park with a size of approximately 1,400 sq. m. (generally 25 wide x 55m long), incorporating a range of design variations. Suitable for beginners (providing training facilities to develop their skills) but primarily catering for intermediate to advanced level skaters.
- BMX bike track for the purpose of condition OS.5(b)(iii) means a low maintenance, non-competition BMX bike track, incorporating a range of design variations. Primarily catering for beginner and intermediate riders.

OS.2

The NZTA shall prepare Open Space Restoration Plans to outline how the open space replacement land, as defined in the Open Space Restoration Plan Areas (Schedule A, Row 30) (including land occupied during construction) will be reinstated or replaced on completion of construction, for handover to Auckland Council and those areas identified in Condition DC.1A(f) and RC.3(f). Following the consultation detailed in Condition OS.3

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below, the Open Space Restoration Plans listed in Condition OS.3(a) to (f) shall be submitted within 12 months of construction commencing in the specific areas affecting the reserves or within 12 months of occupation of open space, whichever is the sooner, to the Major Infrastructure Team Manager, Auckland Council.

Advice note: Conditions OS.9 and OS.10 require certain works to be provided prior to occupation of Construction Yards 6 and 7 (Waterview Reserve) and Construction Yards 9- 12 (Alan Wood Reserve) and this may impact on the timing of Open Space Restoration Plans for these areas.

OS.3

The Open Space Restoration Plans shall be prepared in consultation with the Auckland Council, Iwi, the Community Liaison Groups (Condition PI.5), NZHPT, and other recreation users and other user representatives identified by Auckland Council. The Open Space Restoration Plans shall comprise the following specific plans:

- (a) Waterview Reserve Restoration Plan;
- (b) Alan Wood Restoration Plan (including Hendon Park and 25 Valonia Street);
- (c) Oakley Creek Esplanade (Waterview Glades) Restoration Plan;
- (d) Jack Colvin Park Restoration Plan;
- (e) Rosebank Domain Restoration Plan;
- (f) Harbourview-Orangihina Reserve Restoration Plan.
- (g) The areas of the Open Space Restoration Plans are shown in the Open Space Restoration Plan Areas (Refer Schedule A, Row 30).

OS.4

All Open Space Restoration Plans shall be prepared in general accordance with the UDL Plans (Schedule A, Row 30), and shall include, but not be limited to, the following:

- (a) Details of, including the location, of any artworks and educational signage, and directional signage. In the case of Alan Wood Reserve, Waterview Reserve and Oakley Creek Esplanade (Waterview Glade) this shall include a "way-finding exercise" in accordance with Auckland Council practice, to determine all signage to be provided; and
- (b) Evidence of integration with the Oakley Creek restoration works required under Conditions STW.5, STW.20, V.16 and LV.2(i); and a summary of the consultation undertaken (as required by Condition OS.3) and the response received; and
- (c) Details of any vehicle access through the reserves and parking areas; and
- (d) Park furniture (including quantity and quality) to be provided in accordance with relevant Auckland Council Park guidelines, except for:
 - (i) The riparian area within Alan Wood Reserve where the only furniture required is a maximum of 10 seats; and
 - (ii) Oakley Creek Esplanade (Waterview Glades) where the only furniture required is replacement of 3 existing seats; and
- (e) The inclusion and integration of the design for all pedestrian and cycleway linkages and facilities detailed on the PT and Active Mode Transport Routes (Schedule A, Row 22). The design integration shall be in accordance with CPTED principles;
- (f) Implementation programme, including sequencing of works and completion dates. This shall include works that could be implemented prior to practical completion of construction works or are outside the Project area (e.g. upgrading of the Waterview Esplanade Reserve set out in Condition OS.5(b)(vii);
- (g) Implementation programmes for planting and field reinstatement. This shall include:
 - (i) A 12 month maintenance period for built structures and soft landscaping; and
 - (ii) For any landscaping accessible to horses an assessment to demonstrate that the planting schedule is not toxic to horses and that consultation on this has been undertaken with the Te Atatu Pony Club;
- (h) The specific requirements for each Restoration Plan area as set out in Conditions OS.5 – OS.8;
- (i) Documentation of consultation undertaken required by Condition OS.3 and the views and concerns expressed by this consultation and the written approval of the Manager Community and Cultural Policy.

Advice note: For the avoidance of doubt provision of (a) to (h) above will require elevations, cross sections,

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engineering drawings and written documentation to supplement the UDL Plans. It is also noted that the UDL Plans identify landscaping, planting and other works beyond the Open Space Restoration Plans (refer Conditions LV.1 – LV.6, LV.9 and LV.10). Educational signs and artworks are particularly encouraged.

Waterview Reserve (Specific)

OS.5

The Waterview Reserve Open Space Restoration Plan shall be prepared in general accordance with the UDL Plans (Refer Schedule A, Row 17). The following shall be provided:

(a) Equivalent reinstatement of the following recreational facilities:

(i) A children's playground with the design and equipment targeted at "junior" and "youth" ages; and

(ii) One ablution block; and

(iii) One basketball court (28m by 15m); and

(iv) One volleyball court.

(b) Other restoration and enhancement:

(i) Measures to enhance the Oakley Inlet Heritage Area, including interpretative signage and pedestrian access;

(ii) Creation of esplanade reserve along Oakley Inlet;

(iii) Subject to obtaining necessary resource consents and Auckland Council landowner approval, provision of a skate-park, BMX bike track (non-motorised bikes);

(iv) Provision of pedestrian paths within the reserve area (as indicated on the UDL Plan 212);

(v) Eco-sourced and mass planting to screen the interchange ramps from Herdman Street and the Waterview Primary School (as indicated on the UDL Plan 212 (Refer Schedule A, Row 17));

(vi) A sloping and landscaped bund as indicated on the UDL Plan 212 (Refer Schedule A, Row 17) to screen the interchange ramps from the open space areas;

(vii) Subject to obtaining necessary resource consents and Auckland Council landowner approvals, upgrading of the Waterview Esplanade Reserve walkway and associated landscaping, identified on the UDL Plan 210 (Refer Schedule A, Row 17);

(c) The works required in accordance with Condition OS.16(a) in respect of the allweather cycle/pedestrian path into Eric Armishaw Park.

(d) A financial payment shall be made to the Auckland Council (in lieu and as equivalent of a playing field at Waterview Reserve), in full at least 20 working days prior to occupation of Construction Yards 6 and 7, valued on the basis of provision of one "open for play" full size sand-carpeted football (soccer) field with a clear 10m space for spectators on all sides and associated changing facilities and parking requirements as at Waterview Reserve or as proposed by UDL Plans (Schedule A, Row 17).

Advice note: the purpose of the financial payment in lieu is for the provision of a playing field at Phyllis Reserve, rather than its reinstatement at Waterview Reserve.

Advice note: The replacement land area for Open Space will provide approximately 2.35 – 2.4ha of new replacement open space land in general accordance with the Proposed Open Space Impacts and Replacement Plans (See Schedule A, Row 28), including 0.30ha of additional open space at Saxon Reserve if it is all able to be acquired and consented.

OS.7

The Oakley Creek Esplanade Reserve (Waterview Glades) Open Space Restoration Plan shall be prepared in general accordance with the UDL Plans (Refer Schedule A, Row 17), and shall include, but not be limited to, the following:

(a) Creation of esplanade reserve at 36 Cradock Street;

(b) Riparian planting along Oakley Creek to a width of 15m and as identified on the notated UDL Plan 229 (Refer Schedule A, Row 17) as notation M1;

(c) Re-contouring of the reserve in a manner that is consistent with those shown on UDL Plan 229 (Refer Schedule A, Row 17) and as described in the annotation Plan Note 7 of that Plan; and

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(d) Stability work required for the ventilation stack (refer Condition DC.8(n)), and the integration of any necessary structures within Oakley Creek Esplanade Reserve.

Construction Works

OS.10

At least 20 working days prior to the occupation of the construction areas within Waterview Reserve, the NZTA shall, in consultation and agreement with the Auckland Council, provide:

- (a) The financial payment in lieu of the playing field facilities at Waterview Reserve, as per Condition OS.5(c);
- (b) A half basketball court and volleyball court within the relocated Waterview Reserve;
- (c) Development of Saxon Reserve with an additional site area of 2,000m² and as a minimum, the expanded reserve shall include an upgraded children's playground (toddler, junior and youth), landscaping, pedestrian paths, park furniture and an ablution block; and
- (d) Improvements to the existing pathway connections at Howlett Reserve, providing wider and safer access out to either Howlett Street or Oakley Avenue. In the event land purchase requirements deems this unable to be completed prior to occupation of the construction areas within Waterview Reserve, an equivalent financial payment in lieu of the land purchase and improvement works will be made. The financial payment will be based on the Capital Value of the Oakley Avenue site that is nominated by the NZTA in the Proposed Open Space Impacts and Replacement Plan (refer Schedule A, Row 28) and approved by the Auckland Council, with provision for site clearance (meaning works to provide vacant possession clear of any existing improvements), path formation and landscaping). This contribution shall be paid in full to the Auckland Council for improvement to or expansion of existing reserves in the Waterview area.

OS.11

At least 20 working days prior to the occupation of the construction areas within Oakley Creek Esplanade Reserve (Waterview Glades), the NZTA shall, in consultation and subject to agreement with the Auckland Council, provide:

- (a) Formalisation of the existing informal pathway at the northern end of Oakley Creek Esplanade Reserve (Waterview Glades), to connect to the existing Oakley Creek walkway (as indicatively identified on the notated UDL Plan 229 (Refer Schedule A, Row 17), as Plan Note 3), as modified for the finalised location of the ventilation stack (DC.8), and in a way that maintains public health and safety throughout the construction period;
- (b) Planting of the riparian margins of Oakley Creek.

OS.13

During construction, the NZTA shall maintain pedestrian accessways to all open space available for public use during construction and education facilities where access is affected by the works, including any public access that crosses private land. Such access shall be safe, clearly identifiable, provide appropriate surfacing and seek to minimise significant detours. The access shall be of a same or similar standard as that disrupted and will be provided and maintained by the NZTA.

Advice note: This specifically includes the existing pedestrian access that provides a connection to the crossing over Oakley Creek between 1510 Great North Road and Unitec Mt Albert Campus.

Open Space Conditions

OS.14

Where access to Oakley Creek will be disrupted for more than 3 consecutive days, or over a weekend, or there is no provision for a walkway detour, the Community Liaison Person shall notify the Friends of Oakley Creek at least 20 working days in advance of any planned disruption (except where the disruption is of shorter duration, or an emergency situation).

OS.16

The NZTA shall provide:

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- (a) Subject to obtaining necessary resource consents and Auckland Council landowner approval, a 3m all-weather shared cycle/pedestrian path with boardwalks as required, from the Great North Road Interchange through into Eric Armishaw Park. The works shall be sufficient to connect this path to the existing walkways and paths within that park (eg to the playground); and
- (b) The pedestrian connections to Berridge Avenue, Alberta Street and Montrose Street as shown on the PT and Active Mode Transport Routes (Sheet 109) (Refer Schedule A, Row 22), once these areas are no longer required for construction.

Social Conditions

SO.1

In addition to the Community Liaison Groups established pursuant to Condition PI.5, the NZTA shall establish an Education Liaison Group (including representatives from local schools, kindergartens, childcare facilities, Unitec Institute of Technology, the Ministry of Education and Housing New Zealand Corporation), to provide a forum through which:

- (a) Relevant monitoring data can be provided (e.g. air quality monitoring);
- (b) Notice can be provided of when particularly noisy activities will occur in close proximity to schools and education facilities, to enable the opportunity to identify any potential conflict with particular sensitive periods, and the requirement for specific mitigation strategies (e.g. rescheduling of construction activities where practicable);
- (c) Particular concerns can be raised by educational facilities or parents, discussed and potentially addressed;
- (d) Notice can be provided of potential construction impacts on school transport routes (including pedestrian/cycle access) to enable the opportunity to identify specific mitigation preferences of the education facilities (e.g. any detour routes) and to enable these facilities to appropriately inform students and/or parents; and
- (e) Learning and teaching opportunities for educational facilities to participate in Project works (e.g. planting or artworks).

The Education Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period. The Education Liaison Group shall continue to meet for at least 12 months following the completion of the Project (or less if the members of the Education Liaison Group agree), so that ongoing monitoring information can continue to be disseminated.

SO.2

In addition to Condition SO.1(b) above, where noisy construction activities (that are projected to exceed the Noise Criteria in the CNVMP) are proposed in close proximity or adjacent to schools/ childcare centres, the NZTA shall, when preparing their SSNMP (in accordance with Condition CNV.1) give specific consideration to options to carry out these works outside school hours or during school holidays as a mitigation option.

SO.3

The NZTA shall comply with the obligations imposed on it by clauses 4 and 5 of the Project Agreement (dated May 2011 (yet to be signed)) between it, the Ministry of Education and the Auckland Kindergarten Association, including in particular the requirement to relocate the Waterview Kindergarten to an alternative site prior to construction works commencing on sites adjoining the Kindergarten site. The NZTA's obligations under this condition are

subject to the Ministry and the Auckland Kindergarten Association providing written approvals, agreements or other inputs as specified in that Project Agreement.

SO.4

The NZTA shall, in agreement with the Ministry of Education, monitor the Waterview Primary School and the Waterview Kindergarten rolls:

- (a) At commencement of construction in the Waterview area (including demolition of houses within the confirmed designation footprint); and
- (b) For a period up to 3 years after construction is completed in the Waterview area and confirmed the

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operational designation footprint in these areas, or until monitoring shows the roll has stabilised to the 2006 roll level (155 and 30 students respectively) over two consecutive years (whichever is shorter).

SO.5

Should monitoring as required by Condition SO.4 indicate that the rolls of Waterview Kindergarten and Waterview Primary School have dropped below 30 and 155 respectively (the 2006 roll levels), the NZTA shall in consultation with the Ministry of Education provide financial resources to ensure that resources are maintained to these 2006 roll levels during the required length of monitoring.

SO.5A

The NZTA shall comply with the obligations imposed on it by clauses 4 and 5 (dated April 2011) Project Agreement between it, the Ministry of Education and the Waterview Primary School Board of Trustees. The NZTA's obligations under this condition are subject to the Ministry and Board of Trustees providing such approvals, agreements or other input as specified in that Project Agreement.

SO.6

In addition to the Community Liaison Group established pursuant to Condition PI.5, the NZTA shall establish a Working Liaison Group (WLG) inviting the following:

- (a) Auckland Council;
- (b) Housing New Zealand Corporation;
- (c) Te Kawerau Iwi Tribal Authority;
- (d) Ngati Whatua o Orakei;
- (e) KiwiRail;
- (f) Department of Conservation;
- (g) Ministry of Education; and
- (h) Local Boards.

The purpose of this WLG will be to provide a forum through which:

- (a) Opportunities for public work development (including social housing, passenger transport or recreation / open space) are identified in areas where the NZTA confirms that the designation is no longer required (e.g. following construction activities);
- (b) Comment can be provided on updated Urban Design and Landscape Plans, including the finalised designs of structural elements for the Project (prior to their submission to the Auckland Council);
- (c) Opportunities for integration of other environmental projects (e.g. restoration plantings) are identified;
- (d) Consideration is given to appropriate protocols for commencement and completion of construction activities (including blessings for commencement of construction phases); and
- (e) Comment can be provided by Te Kawerau a Maki on the detailed lighting design of SH16, to consider how lighting effects on cultural sites and practices might be mitigated without compromising traffic safety or those performance standards identified in Condition L.1.

The Working Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period.

SO.7

A schedule of trees that require removal for construction of the Project will be identified and reported to the Community Liaison Group for their consideration of potential provision of timber for heritage projects (including in particular the provision of Robinia wood for heritage boat building). If the demand for this timber is identified to the Construction Team, appropriate measures for felling and removal from the site will be confirmed.

SO.13

The NZTA shall appoint a medical specialist qualified and experienced in Environmental and Occupational Medicine for the duration of the operational air quality monitoring of the Project (as defined by Condition OA.4)

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to be a point of contact for persons concerned about the discharge from the ventilation stacks. This person must be reasonably available by appointment for advice on matters of concern for residents within the Waterview / Point Chevalier and Owairaka / New Windsor communities, and parents of pupils and prospective pupils at schools, kindergartens, playschools, and child care centres within those areas.

SO.14

For the purpose of mitigating significant adverse effects on passive open space and reserves in Sectors 5, 7 and 9, both during the construction years and longer term, particularly in the Waterview, Owairaka and New Windsor communities (other mitigation having been held by the Board of Inquiry not to be adequate) the following applies:

(a) The NZTA shall, subject to conditions (b), (c) and (d) below, construct the following:

(i) A pedestrian and cycleway to AUSTROADS standards between Waterview and Owairaka/New Windsor (as generally indicated on drawing labelled as "Indicative SH20 Cycleway Route" (refer to Schedule A, Row 40)), subject to any modifications necessary to address design, property or engineering constraints.

(ii) The "Alford St Bridge".

(iii) The "Soljak PI Bridge".

(b) The NZTA's obligations under condition (a)(i) arise when the NZTA receives certification from the Auckland Council and Auckland Transport that the Auckland Council and Auckland Transport have:

(i) acquired all necessary land, or obtained all necessary interests and/or landowner approvals on a permanent basis in respect of the facilities described in condition (a)(i); and

(ii) acquired sufficient land to form a cycle and pedestrian way to AUSTROADS standards between Alan Wood Reserve and Unitec; and

(iii) obtained all necessary resource consents required for construction and operation of the facilities.

(c) The NZTA's obligations under condition (a)(ii) arise when the NZTA receives certification from the Auckland Council and Auckland Transport that the Auckland Council and Auckland Transport have:

(i) acquired all necessary land, or obtained all necessary interests and/or landowner approvals on a permanent basis for the Alford St Bridge; and

(ii) obtained all necessary resource consents required for construction and operation of the Alford St Bridge.

(d) The NZTA's obligations under conditions (a)(iii) arise when the NZTA receives certification from the Auckland Council and Auckland Transport that the Auckland Council and Auckland Transport have:

(i) acquired all necessary land, or obtained all necessary interests and/or landowner approvals for the Soljak PI Bridge either on a permanent basis or on the basis that the Soljak PI Bridge may be constructed and operated unless and until its continued existence and / or operation conflicts with or

compromises future works pursuant to the designation for rail purposes; and (ii) obtained all necessary resource consents required for construction and operation of the Soljak PI Bridge.

(e) The certification from Auckland Council required under conditions (b), (c) and (d) above must be received by the NZTA within 8 years of the designations for the Project being confirmed.

(f) Each of the facilities for which certification has been given must be constructed within 1 year of the opening of the motorway, or two years from when certification is given for the relevant facility, whichever is the earlier, subject however to some elements of the facilities towards the northern end needing to await the decommissioning of Construction Yard 7.

(g) The value of the construction works to be undertaken by the NZTA pursuant to condition (a) to (d) above shall not exceed a sum equal to \$8 million in June 2011 New Zealand dollars (with any construction costs above that figure being met by the Council.)"

(h) The pedestrian and cycleway facilities described in condition (a)(i) above are in addition to the cycling and pedestrian facilities required by the other conditions.

Advice notes:

The intention of this condition is to construct a continuous pedestrian and cycleway with bridges at Soljak PI and Alford St. To achieve this, the Council and Auckland Transport will use their best endeavours to obtain the necessary consents and landowner approvals, for all three components of the network.

The approvals required for the Soljak PI Bridge reflect the designation for rail purposes of land under the bridge

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and the possibility that any bridge structure will be approved for a limited length of time only.

In the event that, despite their best endeavours, the Council and Auckland Transport cannot obtain all of the necessary landowner approvals, the condition allows each part of the network to be constructed in isolation from the others. That will provide some mitigation of the significant adverse effects on passive open space and reserves in Sectors 5, 7 and 9 that the condition is intended to address. It will also enable the Council and Auckland Transport to complete the network in the future at their expense when and if they are able to obtain the outstanding approvals.

Condition (f) above requires the earlier of the 2 named events to be the trigger for NZTA to undertake the works, in order that the required mitigation or at least some of it occur during the construction years. It also recognises that towards the northern end of the pedestrian and cycleway, some of the works may need to await the de-commissioning of Construction Yard 7.

Subject to landowner approvals, the Council and/or Auckland Transport will be the owner of the pedestrian and cycleway and the bridges described in (a) above and shall have full responsibility for the operation and maintenance of those facilities once they have been constructed by NZTA. Accordingly, NZTA will be under no further obligation in respect of any of the facilities once they have been constructed and, in particular, will have no obligation in terms of the removal, alteration or replacement of the Soljak PI Bridge in the event that it conflicts with or compromises proposed works pursuant to the designation for rail purposes.

Vegetation Conditions

V.1

The NZTA shall finalise the ECOMP submitted with this application, prior to works commencing on site. The ECOMP shall be implemented through the CEMP. The ECOMP shall clearly identify the location and identity of:

- (a) All Significant Vegetation within the designation that is to be fully protected or relocated; and
- (b) All Valued Vegetation within the designation that is affected by the works (protected or removed).

Note: Significant and Valued Vegetation shall be as defined in the ECOMP.

V.2

The NZTA shall employ a suitably experienced botanist ('nominated botanist') for the duration of the works to monitor, supervise and direct all works affecting or otherwise in close proximity to the Significant Vegetation and Valued Vegetation identified in the ECOMP.

V.3

Prior to any site works commencing, a pre-commencement site meeting shall be held so that the conditions that pertain to the Significant Vegetation and Valued Vegetation and all vegetation in general (both native and exotic) are explained by the nominated botanist to all contractors or sub-contractors who will be working on site within the close vicinity of that vegetation.

V.4

The NZTA shall minimise the amount of vegetation (both native and exotic) which is to be cleared, with the exception of weeds (both woody and otherwise, unless agreed with the Major Infrastructure Team Manager, Auckland Council and the Community Liaison Group that the retention of these 'weeds' has other environmental or ecological benefits that warrant their retention). All vegetation clearance shall be undertaken in accordance with the measures set out in the ECOMP.

V.5

The NZTA shall install protective fencing around, or otherwise clearly demarcate, all of the Significant Vegetation identified in the ECOMP as requiring full protection, under the supervision of the nominated botanist.

V.6

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The NZTA shall replace any terrestrial Valued Vegetation that is required to be removed as a result of construction activities, in accordance with the ECOMP and the Urban Design and Landscape Plans.

V.7

The nominated botanist shall supervise all trimming, pruning and relocation work associated with the Significant Vegetation and Valued Vegetation required as part of the works.

V.8

Immediately prior to planting, and for a period of 2 years following completion of construction, the NZTA shall undertake weed control and management of all invasive plant pests within the vegetated areas of the surface designation for the Project. Following this 2 year period, on-going control and management of all invasive plant pests within these areas will be the responsibility of the NZTA.

V.9

The nominated botanist shall undertake a monitoring programme throughout the construction period, including monitoring of:

- (a) The condition, repair and location of the temporary protective fencing or other forms of demarcation used to identify the Significant Vegetation;
- (b) Any works within the vicinity of the Significant Vegetation and Valued Vegetation;
- (c) The general health of the Significant Vegetation and Valued Vegetation (including any Significant or Valued Vegetation that has been relocated away from the works area); and
- (d) Compliance with the vegetation conditions of designation by way of fortnightly inspections during the construction period.

V.10

Any planting utilising native plants shall use plants genetically sourced from the Tamaki Ecological District where possible or otherwise shall use plants that have been genetically sourced from within the Auckland Ecological Region.

V.14

A rock forest restoration programme shall be undertaken by the NZTA on the northern banks of the Oakley Creek Inlet in accordance with the concepts of the ECOMP, Appendix H 'Rock Forest Provisional Concept Plan'. A detailed planting plan shall be submitted to Auckland Council for approval, prior to implementation of the planting, with the plan to include planting specifications and management techniques. The detailed planting plan shall be integrated with cultural heritage values including, but not limited to, those shown on the plan entitled 'Oakley Inlet Heritage Area' (UDL Plan 224 refer Schedule A, Row 17).

V.16

All realignments and riparian enhancements of Oakley Creek shall be carried out in accordance with the Oakley Creek Realignment and Rehabilitation Guidelines and in general accordance with the Urban Design and Landscape plans (Refer Schedule A, Row 17).

Avian Conditions

A.1

The NZTA shall finalise, and implement through the CEMP, ECOMP submitted with this application to include the matters set out in Conditions A.2 to A.6.

Herpetofauna Conditions

H.1

The NZTA shall finalise and implement through the CEMP, the ECOMP submitted with this application to include details of lizard management to be undertaken, including the following:

- (a) Lizard capture methodology, including timing;

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- (b) Lizard release locations(s);
- (c) Lizard habitat enhancement at population release sites, including a detailed pest control programme for a minimum of one month prior to release and for a minimum of three consecutive years' duration after release;
- (d) Location(s), monitoring and maintenance of lizard protective fencing;
- (e) Post-release monitoring methodology; and
- (f) Lizard captive management methodology.

Lighting Conditions

Operation

L.1

Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas, in general accordance with the Waterview Connection Lighting Plan (Drawing Set F.11 (Refer Schedule A, Row 12):

- a) All motorway lighting shall be designed in accordance with "Roadlighting Standard AS/NZS1158";
- b) All other lighting shall be designed in accordance with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
- c) Fully cut off luminaries shall be used on SH20 from the Southern Tunnel Portal to the Maioro Street Interchange to minimised lighting overspill, as shown on Drawing Set F.11(Refer Schedule A, Row 12).

Construction Zones and Construction Yards

L.2

A Temporary Construction Lighting Management Plan shall be prepared for all construction zones and construction yards prior to commencement of any night time works within the construction zones and construction yards. The Temporary Construction Lighting Management Plan shall be independently verified by a lighting specialist and provided to the Major Infrastructure Team Manager, Auckland Council for certification of compliance 10 working days prior to any night time work commencing.

The certification process shall ensure that the Plan includes (but is not be limited to):

- a) The layout and arrangement of all temporary lighting required for night time works, and shall show how this avoids the "Light Spill Restriction Zone" identified on the Construction Yard Plans (Refer Schedule A, Row 7) submitted with the application, and that the temporary lighting complies with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
- b) Provision for a 10m buffer between the night time work and any residential boundary at all times to minimise potential for light spill; and
- c) General operating procedures outlined in the CEMP.

L.3

Asymmetrical floodlights with horizontal glass visors that are not raised more than 3 degrees above the horizontal plane shall be used for any temporary construction night time lighting requirements. Alternative temporary lighting arrangements may be used, subject to the prior approval of the Major Infrastructure Team Manager, Auckland Council, where it can be demonstrated that the proposed lighting is similar or better to asymmetrical floodlights with glass visors. Glare shall be kept below the recommendation given in AS 4282 – 1997 "Control of the Obtrusive Effects of Outdoor Lighting" Tables 2.1 and 2.2.

Archaeology Conditions

ARCH.1

The NZTA shall complete, and implement through the CEMP, the Archaeological Site Management Plan (ASMP) submitted with the notice of requirement, to include, but not be limited to:

- a) Identification of the Project archaeologist, their role and responsibility on the Project;
- b) Who reports to the Project archaeologist;

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- c) Specific sites requiring supervision, and measures to be undertaken to protect and manage these sites;
- d) Whether NZHPT and/or Auckland Council heritage and/or iwi supervision is required for the specific site (the latter to be determined through consultation with the relevant iwi groups); and
- e) Accidental discovery protocols in the event that unknown archaeological sites are uncovered.

ARCH.2

The NZTA shall employ at its expense a qualified archaeologist (the Project archaeologist) who shall be on site to monitor all initial earthworks, including surface stripping of the site, for all specific areas identified in the ASMP to establish whether any sub-surface archaeological features are present. This includes, but is not limited to, the following areas:

- (a) All unmodified areas in the vicinity of Rosebank Road;
- (b) All works in the vicinity of the "Oakley Inlet Heritage Area", located adjacent to the Great North Road Interchange;
- (c) Works in the vicinity of two midden sites (recorded R11/2214 and R11/2215) within Great North Road Interchange, and all previously unmodified areas near the banks of the Oakley Inlet;
- (d) Any ground disturbance works in Construction Yard 7 within Oakley Creek Reserve.

ARCH.3

If any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- (a) Immediately it becomes apparent that a possible archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- (b) The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched and notify the Project archaeologist;
- (c) The Project archaeologist shall inspect the site to assess the relevance of the find, and then the Auckland Council shall be advised of the significance;
- (d) If the site is confirmed to be an archaeological site by the Project archaeologist, the site supervisor shall then notify tangata whenua, the New Zealand Historic Places Trust, and the Auckland Council that an archaeological site has been exposed so that appropriate action can be taken;
- (e) In the case of human remains, the NZ Police shall be notified.

ARCH.4

In accordance with the ASMP, the following archaeological sites shall be fenced off and protected to the satisfaction of the Project archaeologist, prior to construction activities being undertaken:

- (a) Recorded sites R11/2504, R11/2505, R11/2506 and R11/2507, located on the northern boundary of the designation adjacent to the Rosebank Road peninsula.
- (b) Recorded site R11/2383 in the Oakley Creek Esplanade Reserve construction yard.

ARCH.5

In accordance with the ASMP, the following specific measures shall be implemented in the area identified as the "Oakley Inlet Heritage Area" (including recorded sites R11/2191, R11/2202, R11/2203 and R11/2459), located adjacent to the Great North Road Interchange:

- (a) In determining the details of construction methodology and site access, the NZTA shall ensure that there is no impact on sites R11/2202, R11/2203 and the main features of site R11/2191 (the basalt walls, boiler, building foundations and platforms). When the details have been determined, a plan will be prepared in consultation with the Project archaeologist that outlines the areas of archaeological value to be fenced off and protected from any adverse effects during the construction process. The Heritage Manager, Environmental Services, Auckland Council shall be consulted in the drafting of the plan and shall certify that the extent and method of fencing will protect the areas of archaeological value prior to commencement of construction works within the area. This plan will be added to the Archaeological Constraints layer in the GIS layers included as an Appendix of the ASMP in the CEMP.
- (b) All works in the Oakley Inlet Heritage Area shall be monitored by the Project archaeologist;

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- (c) Machine access to construction works in this area shall be planned so as to minimise adverse effects on archaeological features;
- (d) During and following removal of houses north of Cowley Street and west of Great North Road in the area where the mill workers' cottages and mill race were once located, investigations shall be undertaken to establish and record any archaeological remains that may have survived;
- (e) Remedial or limited restoration works shall be carried out to the basalt walls, wheel pit, boiler and bridge abutment of the mill/tannery/ quarry site (R11/2191), to a specification prepared by a heritage professional, to ensure their long term preservation. The specification shall be prepared in consultation with the Heritage Manager, Environmental Services, Auckland Council;
- (f) A vegetation management plan shall be prepared and implemented to remove vegetation that is damaging archaeological features in this area and to protect and enhance features with appropriate vegetation cover. This plan shall form part of the Waterview Reserve Restoration Plan (refer to Conditions ARCH.6 and OS.5) and shall be prepared in consultation with the Heritage Manager, Environmental Services, Auckland Council;
- (g) The design and location of any walkways and paths and structures within the Oakley Inlet Heritage Area shall include consideration of historic paths and accessways (excluding the piers associated with the SH16 Interchange).

ARCH.6

The Project archaeologist shall be made part of the Waterview Reserve Restoration Plan (refer Condition OS.3) development team to provide advice on long term management of the "Oakley Inlet Heritage Area". The Waterview Reserve Restoration Plan shall include provision for, as a minimum:

- (a) A pedestrian bridge linking the northern and southern banks of the Oakley inlet shall be provided in the original location of the historical bridge to restore the historical connection between the two parts of the Oakley Inlet Heritage Area and make both parts easily accessible. The bridge is to be of a design appropriate to the historic form of this bridge but at a height above water to accommodate the passage of kayaks at high tide;
- (b) Interpretative signage of the Oakley Inlet Heritage Area for public information and educational purposes;
- (c) The management of planting to avoid encroachment of deep rooted trees on identified archaeological sites (including planting undertaken in accordance with Condition V.14).

ARCH.7

In accordance with the ASMP, any works to the dry stone wall (recorded site R11/2213) located on the north western boundary of the Great North Road Interchange, shall be minimised and managed in accordance with the following:

- (a) If it is necessary to demolish part of the wall, the stone shall be used to repair the remainder of the wall. Appropriate reuse of any surplus stone will be determined following consultation with the NZHPT and Auckland Council.
- (b) The remainder of the stone wall shall be protected from construction machinery by the use of waratahs and an adequate buffer area prior to earthworks commencing.
- (c) The remainder of the stone wall shall be carefully cleared of vegetation growth and repaired where necessary to a specification prepared by a heritage professional employed at the expense of the NZTA.

ARCH.8

All contractors and subcontractors working on the Project shall be trained on the archaeological requirements set out in the ASMP.

Advice note:

Any archaeological sites within the area affected by the Project shall not be modified or disturbed in any way unless written authorisation has been obtained from the NZ Historic Places Trust.

ARCH.9

All Monterey Pines or oak trees (*Quercus* spp) over 10m in height within Sector 5 shall be identified and managed through the CEMP Amenity Tree process (Conditions CEMP.6(o) and (p)). Irrespective of their health

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(unless the Project Arborist and Auckland Council confirm that these trees pose an immediate hazard), these trees will be confirmed as Amenity Trees. These trees shall be retained where practicable. If removal of any of these trees is required for construction, they shall be replaced by trees of the same species (or as otherwise agreed through the Waterfront Reserve Restoration Plan) sized at 160Lt. The location of replacement specimens will be defined through planning of the Oakley Inlet Heritage Area (as part of the Waterview Reserve Restoration Plan, refer Condition OS.5), with the replanting of Monterey Pines to reflect their historic use as a boundary planting species. Two trees shall be provided for every oak tree (*Quercus* spp) removed.

Advice note

Any archaeological sites within the area affected by the Project shall not be modified or disturbed in any way unless written authorisation has been obtained from the NZ Historic Places Trust.

Ground Settlement Conditions

S.1

The NZTA shall finalise, and implement through the CEMP, the Settlement Effects Management Plan (SEMP) lodged with the application prior to construction activities being undertaken. Prior to construction (following detailed investigation and design), the total estimated settlements and building damage categories shall be confirmed using the methodology in Technical Report G.13 Assessment of Ground Settlement Effects and the SEMP shall be updated accordingly.

In the event that settlement predictions are greater (than those allowed for in Figure E.14 (refer Schedule A, Row 26)) or building damage categories increase in ranking or buildings affected from those identified in Figures G1-G4 (refer Schedule A, Row 27), mitigation measures shall be introduced as part of the detailed design and construction process to avoid any adverse effects greater than predicted by the application lodged in August 2010.

Settlement Monitoring

S.2

The NZTA shall establish a series of ground settlement monitoring markers to monitor potential settlement in relation to the construction of the tunnels. The survey markers will be located generally as follows:

- (a) Along the tunnel alignment and extending out to a maximum of 400m either side of the tunnels to correlate with cross sections that have been used for the settlement estimates and to infill between them.
- (b) To cover the more extensive eastern zone area of settlement at Chainage 3400 (Figure E.14 refer Schedule A, Row 26).
- (c) On or around buildings or features considered to be particularly sensitive as defined in the SEMP (including those buildings identified in Condition S.7) and as may be updated to reflect detailed analysis and interpretation of monitoring results as the Project proceeds.

Two types of markers shall be established: Framework Markers which shall form the main basis of monitoring, and Intermediate Markers which shall provide additional monitoring information for interpretation of Alerts and Alarms. The locations of each type of settlement monitoring marker shall be confirmed in the SEMP. Each Framework Marker shall have an alert and alarm level set in relation to Figure E.14, where alert = 75% of the theoretical value and alarm = 100% of the theoretical value with due consideration of the seasonal range of ground movement identified by pre-construction monitoring.

S.3

The NZTA shall survey the settlement monitoring markers at the following frequency:

- (a) Pre-construction
 - i) All Framework Markers – Vertical and selected horizontal at 3 monthly intervals, starting at least 12 months prior to construction commencing; and
 - ii) All Intermediate Markers - Vertical and selected horizontal once.
- (b) During Construction

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- i) All Framework Markers - Vertical on a monthly basis; and
 - ii) Selected Framework Markers only - Horizontal on a monthly basis.
- (c) During Active Construction
- i) All Framework and Intermediate Markers – Vertical on a weekly basis; and
 - ii) Selected Framework Markers only - Horizontal on a monthly basis. Active construction” shall be defined as:
 - (a) Starting when the advancing tunnel face comes within 150m and ending when the final tunnel lining has been installed 150m beyond the section; and
 - (b) When excavation in front of a retaining wall comes within 100m of a section and ending when the permanent wall supports are in place beyond a distance of 100m.

S.4

Within three days of each monitoring round, the NZTA shall use the settlement monitoring results (together with the results of groundwater monitoring where they may provide an earlier indication of future settlements) to reassess the ground settlements and building damage categories and compare them to those estimated in Figures E.14 and G1-G4 (refer Schedule A, Row 26 and 27). If alert and alarm levels are exceeded, the trigger marker shall be resurveyed within 24 hours. If the reassessment indicates that a building has increased its damage category from that in Figures G1 – G4 (refer Schedule A, Row 27) then this shall be considered to be an Alert Level and additional specific assessment of the building shall be carried out by the NZTA to confirm this reassessment within 72 hours. If the additional assessment confirms the increase in damage category, this shall be considered to be an Alarm Level and the property owner and occupier will be notified within 48 hours. Following consultation with the property owner and occupier(s); subsequent actions may include increased frequency and/or extent of monitoring, modification to the construction approach or mitigation works to the affected building.

S.5 Settlement monitoring shall be undertaken for a period of 2 years following completion of the tunnels. The NZTA may reduce the frequency of settlement monitoring, required by Condition S.3, to 6-monthly:

- (a) Once the active construction stage has passed; and
- (b) Monthly monitoring has been undertaken for a minimum of 6 months; and
- (c) The monitoring indicates that any potential settlement effects are within a satisfactory range as specified in the SEMP; and
- (d) The criteria in (a) to (c) above has been certified by the Auckland Council.

S.6

The NZTA shall collate the results of the settlement monitoring (undertaken pursuant to Conditions S.2 – S.5) and prepare a report that shall be made available to the Auckland Council]. A settlement monitoring report shall be prepared prior to the commencement of construction, and then at monthly intervals throughout the construction period. Following the completion of construction, a settlement monitoring report shall be prepared following each round of settlement monitoring undertaken (i.e. monthly and then 6-monthly when monitoring is reduced pursuant to Condition S.5). The settlement reports shall highlight any alert or alarm level exceedances and provide a full interpretation and/or explanation as to why these levels are exceeded, the likely effects and detail any remedial or mitigation measures initiated as a result of these trigger exceedances.

Building Condition Surveys

S.7 The NZTA shall review and update the schedule of buildings and structures considered to be at risk in accordance with the criteria of the SEMP and maintain this for review by the Auckland Council. This shall include, but not be limited to, the following properties identified in the Technical Report G.13 Assessment of Ground Settlement Effects provided in support of this application:

- (a) Buildings on properties within the substrata designation;
- (b) Buildings where total estimated settlement is greater than 50mm (defined in Figure E.14 – Refer Schedule A, Row 26);
- (c) Buildings in areas estimated to have a risk of damage more than negligible (defined in Figures G1-G4 as categories 1-5 (Refer Schedule A, Row 27));

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- (d) Unitec Buildings 76, and 310-313 (as per Unitec Site Plan in Schedule A, Row 31);
- (e) 1510 Great North Road, Unitec Residential Flats (two buildings);
- (f) Pak'n Save Supermarket;
- (g) Metro Football Clubhouse, Phyllis Street;
- (h) Building at 1550 Great North Road;
- (i) BP Service station at 1380 Great North Road;
- (j) Modern Chairs Building (Richardson Road);
- (k) Waterview Primary School;
- (l) Operational septic tanks where total estimated settlement is greater than 50mm; and
- (m) Buildings on the western side of the alignment between Chainage 3000 and 3400 where total estimated settlement is greater than 20mm.

S.8

The NZTA shall consult with owners of buildings and structures identified in Condition S.7 and, subject to the owner's approval of terms acceptable to the NZTA, shall undertake a preconstruction condition assessment of these structures in accordance with the SEMP.

S.9

The NZTA shall employ a suitably qualified person (e.g. a Chartered Professional Engineer) to undertake the building assessments required pursuant to Conditions S.8 and S.12 and identify this person in the SEMP.

S.10

The NZTA shall undertake monthly visual inspections of the following buildings during the "active construction" phase of the Project as defined in Condition S.3:

- (a) All Type 1 Dwellings within a zone where "more than negligible" effects have been predicted;
- (b) All Type 2 Dwellings within a zone where "slight" effects or greater have been predicted
- (c) Unitec Building 76;
- (d) 1510 Great North Road, Unitec Residential Flats (two buildings);
- (e) Pak'n Save supermarket; and
- (f) Waterview Primary School (pool and hall).

Note: Type 1 and 2 Dwellings are those as defined in Technical Report G.13 Assessment of Ground Settlement Effects.

S.11

The NZTA shall undertake level and/or wall inclination surveys on a monthly basis during the "active construction" phase of the Project on the following buildings:

- (a) All Type 1 Dwellings within a zone where "slight" effects or greater have been predicted;
- (b) Unitec Building 76;
- (c) 1510 Great North Road, Unitec Residential Flats (two buildings);
- (d) Waterview Primary School (pool); and
- (e) Pak 'n' Save Supermarket

S.12

The NZTA shall, subject to the owner(s) approval, ensure that within 6 months of completion of construction activities, a post-construction condition assessment covering the matters identified in the SEMP is undertaken and shall be provided to the owner(s). The assessment report shall include a determination of the cause of damage identified (if any) since the preconstruction condition assessments. The NZTA shall agree with the owner(s) appropriate remedial works (if any) in conjunction with arrangements for implementation and/or compensation. The requirements of this condition need not be fulfilled for any particular building with the written approval of the current owner of a building or where the NZTA can provide reasonable evidence to the Auckland Council that the current owner of that building has agreed they do not require such a survey.

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S.13

The NZTA shall ensure that a copy of the pre, post-construction and any additional building condition assessment reports for each building be forwarded to the respective property owner(s) within 15 working days of completing the reports. The NZTA shall notify the Auckland Council that the assessments have been completed. The community liaison person appointed pursuant to Condition PI.1 shall be the contact person for owner(s) subject to assessment and reporting under Conditions S.1 to S.11 and S.16 and remedial works or compensation payments under Condition S.12 and S.16.

Retaining Wall Monitoring

S.14

The NZTA shall establish inclinometer and surface monitoring of the retaining walls for the tunnel portals and cut and cover tunnel to determine any potential effect from the tunnels. The nature and timing of the monitoring shall be determined during detailed design of the retaining walls and specified in the SEMP.

Services Monitoring

S.15

Prior to construction commencing, the NZTA shall undertake CCTV surveys of services identified in the SEMP as being susceptible to damage or particularly critical. This shall include, but not be limited to:

(a) Waterview Orakei No. 9 trunk sewer. The NZTA shall monitor these services by undertaking additional CCTV surveys throughout the construction period. If any damage is determined in relation to the Project, the NZTA shall undertake any remedial action as required in consultation with the service provider.

Slope Stability Assessments

S.16

Prior to construction commencing, the NZTA shall undertake geotechnical investigations of slopes or sites that have been identified as potentially being susceptible to movement. This shall include, but not be limited to:

(a) 14H and 14J Cradock Street

(b) 34 Cradock Street

(c) 40 Cradock Street

(d) 56 Powell Street;

(e) 1590A Great North Road; and

(f) Other sites on the western slopes of Oakley Creek identified under Condition S.7(b) and S.7(m) which are assessed in the course of a pre-construction condition assessment undertaken in accordance with Condition S.8 as potentially being susceptible to slope movement.

The NZTA shall undertake monitoring throughout the active construction period in accordance with Condition S.10 above and shall assess and agree remedial action as required, in consultation with the owner, in accordance with Condition S.12 above.

Differential Settlement

S.17

Pairs of settlement markers shall be established on each side of the cross sections identified on Figure E.14 to monitor differential movements. The markers in each pair shall be no more than 20m apart, and each pair shall be within 100m of the centreline of the closest tunnel. Monitoring installed in accordance with Condition S.11 can be utilised for this purpose. Each pair of markers shall have Alert and Alarm values set based on the calculated differential settlements at that location and consistent with the relevant calculated Building Damage Category (Figures G1-G4, (Refer Schedule A Row 27)), Alert and Alarm levels shall be as defined in Condition S.2. Monitoring frequency shall be as defined for Framework Markers in Condition S.3.

Contaminated Land and Contaminated Discharges Conditions

CL.1

The NZTA shall finalise and implement through the CEMP, the Contaminated Soil Management Plan (CSMP)

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submitted with this application prior to commencement of any site works. The CSMP shall include, but not be limited to:

- (a) Measures to be undertaken in the handling, storage and disposal of all material excavated during the construction works;
- (b) Soil validation testing and groundwater testing;
- (c) Soil verification testing to be undertaken to determine the nature of the excavated spoil and potential reuse or disposal options;
- (d) Measures to be undertaken in the event of unexpected contamination being identified during construction activities; and
- (e) Measures to be undertaken for the handling of asbestos containing material.

CL.2

Prior to the main construction works commencing, the baseline quality of soils and groundwater within Sector 5 (the southern bank of Oakley Creek coincident with the location of the former tannery) and Sector 7 (particularly in relation to works in the vicinity of Great North Road) shall be investigated and established. The investigations shall be carried out in accordance with appropriate Ministry for the Environment and Auckland Council guidelines.

The findings of the soil and groundwater investigations shall be used to determine the specific constructions methods during work in this area to manage any likely environmental effects in relation to the Project.

CL.3

Prior to the main construction works commencing, soils and fill materials within Alan Wood Reserve (Sector 9) shall be further classified so as to determine the distribution and extent of cleanfill, managed fill and contaminated/hazardous fill materials.

CL.4

All excavated soil shall be tested by the NZTA in general accordance with the CSMP, prior to either reuse on site or disposal off site. The testing regime shall be submitted for approval by the Major Infrastructure Team Manager, Auckland Council.

CL.5

The NZTA shall notify the Major Infrastructure Team Manager, Auckland Council within 5 working days of identification of any contamination at the site which was not identified in the reports submitted in support of this application, including contaminated soil, surface water or groundwater. The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.6

The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.7

The NZTA shall engage a suitably qualified contaminated land specialist to supervise the works, excavation and removal of any contaminated soils from the site and undertake sampling (if required) of imported material.

CL.8

All testing / sampling techniques shall be carried out in accordance with the Ministry for the Environment Contaminated Land Management Guidelines or other equivalent standards approved in writing by the Major Infrastructure Team Manager, Auckland Council.

CL.9

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During and following the tunnel construction works beneath Sector 8, groundwater quality monitoring shall be carried out at locations within and down hydraulic gradient of Phyllis Street Landfill. Monitoring shall be undertaken on at least a monthly basis, and for a period up to 12 months following completion of the tunnel construction works. The monitoring programme shall be submitted for approval by the Auckland Council as landowner.

CL.10

Prior to, during and following tunnel construction works beneath Phyllis Street Landfill, monitoring for landfill gas shall be carried out from existing monitoring boreholes within the landfill. Monitoring shall be undertaken on at least a monthly basis, for a period of no less than 6 months prior to, and up to 12 months following completion of the tunnelling works. The monitoring programme shall be submitted for approval by the Auckland Council as landowner.

CL.11

The NZTA shall submit to the Major Infrastructure Team Manager, Auckland Council, a Site Closure Report no later than three (3) months after the completion of the earthworks. The Report shall be prepared in accordance with Schedule 13 (Schedules for Reporting on Contaminated Land) of the Proposed Auckland Regional Plan: Air Land and Water and include:

- (a) Results of any soil reuse and imported material testing carried out to ensure compliance with the CSMP;
- (b) Volumes of soil removed from site;
- (c) Copies of the waste disposal receipts; and
- (d) Reports of any non-compliance with the CSMP procedures or complaints received while undertaking the site works.

Freshwater Conditions

F.1

The NZTA shall finalise, and implement through the CEMP, the ECOMP submitted with this application. The ECOMP shall be updated to ensure compliance with the conditions of this consent and include changes to the details of construction processes prior to construction commencing. The ECOMP shall include, but not be limited to details of:

- (a) Monitoring of freshwater ecology;
- (b) Monitoring of freshwater and stream sediment quality;
- (c) Trigger event criteria for undertaking additional monitoring;
- (d) Procedures for responding to accidental discharges of contaminants to the freshwater environment; and
- (e) Contingency plans and/or remedial measures in the event monitoring results identify adverse effects.

F.2

The NZTA shall engage a suitably qualified ecologist and water quality scientist to undertake freshwater monitoring programme prior to, during and following construction to monitor the effect of the Project on the freshwater ecology. The freshwater monitoring shall be undertaken in Oakley Creek, Pixie Stream and Meola Creek. The freshwater monitoring programme shall be undertaken in accordance with the details set out in the ECOMP and include:

- (a) Cross sectional profiles;
- (b) Macro invertebrate sampling; and
- (c) Freshwater fish monitoring.

F.3

The freshwater monitoring programme shall, as a minimum, be undertaken in accordance with the following frequency:

- (a) Prior to construction – two baseline ecological surveys.
- (b) During construction – twice per year for fish and macro invertebrates and cross sectional profiles, within one month prior to the beginning of the earthworks season and within one month either side of the end of the

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earthworks season.

(c) Post construction – on an annual basis for a maximum period of three years, or less if the Major Infrastructure Team Manager, Auckland Council is satisfied that no adverse effects have occurred or are likely to occur from the Project.

(d) Monthly water quality samples at the five existing Oakley Creek sample locations to be analysed for pH, turbidity, suspended solids, metals (Zn, Cu and Pb) and nutrients.

(e) Four “event based” samples per annum from each of the current two Oakley Creek sites. The samples are to be analysed for pH, turbidity, suspended solids, metals (Zn, Cu and Pb), hydrocarbons (TPH) and nutrients.

(f) Two sediment quality samples per annum (January and July) at the five existing water quality Oakley Creek sites (if there is sufficient sediment to sample). The samples are to be analysed for metals (Zn, Cu and Pb), polycyclic aromatic hydrocarbons (PAH), hydrocarbons (TPH) and semi-volatile organic compounds.

Advice note: The sample collection and analysis required under sub-clauses (d) to (f) shall be undertaken following an IANZ accredited methodology by a suitably accredited laboratory (International Accreditation New Zealand).

F.4

The NZTA shall undertake additional freshwater monitoring in the event of a ‘trigger event’ for freshwater habitats. For the purposes of this consent, a ‘trigger event’ for freshwater habitats is defined in the ECOMP.

F.5

The NZTAs ecologist/hydrologist (required by condition F.2) shall review, every six months, the freshwater monitoring results, provided from Conditions F.2 to F.4, and results in monitoring detailed in earthworks Conditions E.9 and E.19 and Groundwater Condition G.10. In the event that potential adverse effects are identified, including through review of the Condition G.10 monitoring results by the hydrologist and freshwater ecologist required by Condition G.12, the NZTA shall develop and submit for the approval of the Major Infrastructure Team Manager, Auckland Council appropriate contingency plans and/or remedial measures in accordance with the measures set out in the ECOMP.

F.6

Freshwater monitoring reports shall be compiled from the monitoring undertaken pursuant to Conditions F.2 to F.4 and the review of Condition F.5, and a report provided to the Major Infrastructure Team Manager, Auckland Council every 6 months.

Attachments

Figure CEMP.A - Construction Environmental Management Framework

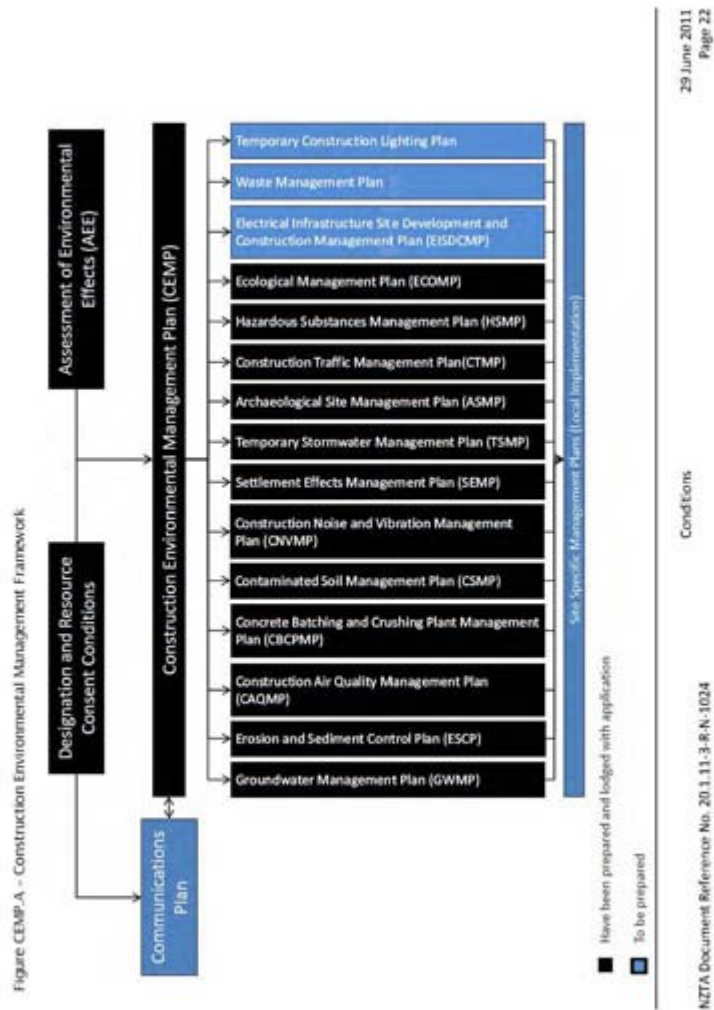
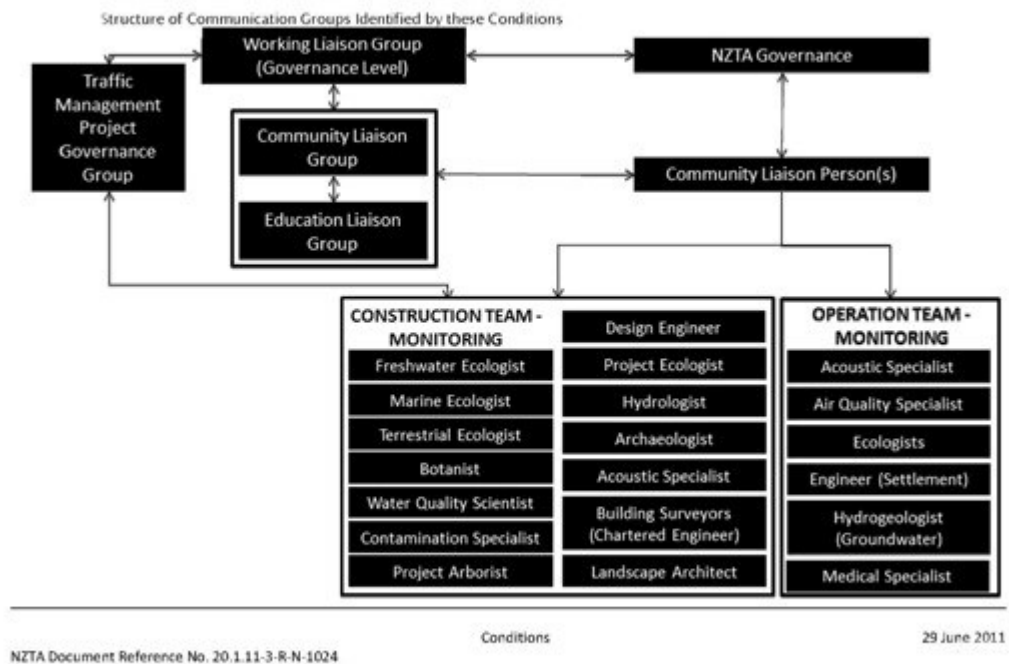


Figure PI.A - Structure of Communication Groups

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6727 State Highway 1 - Newmarket Viaduct Height Restriction

Designation Number	6727
Requiring Authority	New Zealand Transport Agency
Location	Vicinity of Newmarket Viaduct (State Highway 1), Newmarket
Rollover Designation	Yes
Legacy Reference	Designation D09-32, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

12.2m height restriction affecting land within 76.2m of the centre line of the Newmarket Viaduct.

Conditions

No conditions.

Attachments

No attachments.

6728 State Highway 20 - Waterview Connection Mt Roskill to Waterview

Designation Number	6728
Requiring Authority	New Zealand Transport Agency

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Location	State Highway 20 from Alan Wood Reserve, Mt Roskill to Great North Road, Waterview
Rollover Designation	Yes
Legacy Reference	Designation E04-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Five year from being operative in the Unitary Plan unless given effect to prior

Purpose

For a new designation, SH20 tunnels, Great North Road underpass to Alan Wood Reserve – NOR5. New strata (subsoil) designation for construction, operation and maintenance of cut and cover and deep excavation tunnels, restricting subsurface activities beneath certain properties, through proposed Sectors 7 and 8; construction, operation and maintenance and protection of SH20 subsurface works (tunnels).

Conditions

For a complete set of conditions, refer to the Waterview Connection Proposal Board of Inquiry decision titled “Final Report and Decision of the Board of Inquiry into the New Zealand Transport Agency Waterview Connection Proposal - Volume 2” dated June 2011.

General Designation Conditions

DC.1

Except as modified by the conditions below, the works shall be undertaken in general accordance with the information provided by the New Zealand Transport Agency (NZTA being the Requiring Authority), the Notice(s) of Requirement and the supporting documents, and supplementary information provided in evidence. This information is summarised as follows:

- (a) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Parts A-E;
- (b) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part F: Plans and Drawings, except as updated through the hearing (Refer Schedule A for current plan and drawing references); and
- (c) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part G: Technical Reports:
 - (i) Technical Report G.1 Assessment of Air Quality Effects
 - (ii) Technical Report G.2 Assessment of Archaeological Effects
 - (iii) Technical Report G.3 Assessment of Avian Ecological Effects
 - (iv) Technical Report G.4 Assessment of Coastal Processes
 - (v) Technical Report G.5 Assessment of Construction Noise Effects
 - (vi) Technical Report G.6 Assessment of Freshwater Ecological Effects
 - (vii) Technical Report G.7 Assessment of Groundwater Effects
 - (viii) Technical Report G.8 Assessment of Herpetofauna Ecological Effects
 - (ix) Technical Report G.9 Assessment of Land and Groundwater Contamination
 - (x) Technical Report G.10 Assessment of Lighting Effects
 - (xi) Technical Report G.11 Assessment of Marine Ecological Effects
 - (xii) Technical Report G.12 Assessment of Operational Noise Effects
 - (xiii) Technical Report G.13 Assessment of Ground Settlement Effects
 - (xiv) Technical Report G.14 Assessment of Social Effects
 - (xv) Technical Report G.15 Assessment of Stormwater and Streamworks Effects
 - (xvi) Technical Report G.16 Assessment of Temporary Traffic Effects
 - (xvii) Technical Report G.17 Assessment of Terrestrial Vegetation Effects

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- (xviii) Technical Report G.18 Assessment of Transport Effects
- (xix) Technical Report G.19 Assessment of Vibration Effects
- (xx) Technical Report G.20 Assessment of Visual and Landscape Effects
- (xxi) Technical Report G.21 Construction Environmental Management Plan (CEMP)
- (xxii) Technical Report G.22 Erosion and Sediment Control Plan (ESCP)
- (xxiii) Technical Report G.23 Coastal Works
- (xxiv) Technical Report G.24 Geotechnical Interpretive Report
- (xxv) Technical Report G.25 Traffic Modelling Report
- (xxvi) Technical Report G.26 Operational Model Validation Report
- (xxvii) Technical Report G.27 Stormwater Design Philosophy Statement
- (xxviii) Technical Report G.28 Geotechnical Factual Report – 500 Series
- (xxix) Technical Report G.29 Geotechnical Factual Report – 700 Series
- (xxx) Technical Report G.30 Assessment of Associated Sediment and Contaminant Loads
- (xxxi) Technical Report G.31: Technical Addendum Report (September 2010)
- (d) PT & Active Mode Transport Routes Existing and Proposed (Refer Schedule A, Row 22).
- (e) Waterview Connection Project, Evidence and Supplementary Information provided to the Board of Inquiry:
 - (i) Evidence in Chief (Numbers 1-37)
 - (ii) Rebuttal Evidence (Numbers 1-33)
 - (iii) Supplementary Information (Numbers 1-8)

DC.1A

Within 3 months of the designations being confirmed for the Project (or at least 1 month prior to any Auckland Council approvals or certifications required by these Conditions, whichever is the earlier), the NZTA shall update and finalise to the satisfaction of the Major Infrastructure Team Manager, Auckland Council all drawings and Plans cited in Schedule A, and provide a full set of the information and documentation referred to in Condition DC.1 to the Major Infrastructure Team Manager Auckland Council. At the same time the NZTA shall prepare to the satisfaction of the Major Infrastructure Team Leader, Auckland Council, a document for each designation which sets out the designation and have attached to it in text format a comprehensive set of the conditions imposed by the Board of Inquiry in its Final Decision as summarised in Schedule B, inclusive of any standard conditions and advice notes.

In particular (but not limited to), the following Plans will need to be amended in light of these Final Conditions:

- (a) F.2 Operational Scheme Plans (refer Schedule A, Row 3) require amendment detailing the amended location of the ventilation stacks and southern ventilation buildings;
- (b) F.5 Construction Scheme Plans (refer Schedule A, Row 4) require amendment to detail changes to the construction footprint for the amended location of the ventilation stacks and southern ventilation buildings and reconfiguration of Construction Yard 1);
- (c) F.6 Construction Yard Plans 101 and 107 (refer Schedule A, Row 7), detailing amendments to the Construction Yard 1 in light of the reconfiguration of this Yard and for Construction Yard 7 in light of the relocation of the northern ventilation stack (refer Schedule A, Row 34);
- (d) F.8 Plans of Structures and Architectural Features (refer Schedule A, Row 9), detailing the amended location of the northern ventilation stack and the design and location of the southern ventilation building and stack;
- (e) The CNVMP (including flow diagram and the supplementary evidence produced by Ms Wilkening) (refer Schedule A, Rows 36, 37 and 39);
- (f) The areas of the Open Space Restoration Plans (Schedule A, Row 30) to:
 - (i) Extend these areas in geographic extent to provide for the works identified in the Management Plan notations identified in the OS Conditions (in particular OS.5 and OS.6) (e.g. these areas will (as relevant) include Eric Armishaw Park, Howlett Reserve and Waterview Esplanade Reserve); and
 - (ii) Exclude the operational area of designation required for the northern ventilation stack (as identified through the OPW process (refer Condition DC.8); and
- (e) Schedule A, Row 28 the Plan detailing proposed open space impacts and replacements needs to be

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updated to recolour the two land parcels on Hendon Avenue (which are excluded from the replacement calculations) to 'brown' to confirm they are part of the operational impact and will not be returned as open space.

DC.2

The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

DC.3

The NZTA shall update and finalise the relevant Construction and Operational Management Plans required under these conditions to ensure compliance with the designation conditions imposed by the Board of Inquiry. The relevant Management Plans shall be submitted to the Major Infrastructure Team Manager, Auckland Council within the timeframes specified in the following conditions. No works shall be undertaken until the relevant management plans have been finalised and certified or approved in accordance with the relevant conditions.

DC.4

Any Management Plans submitted to the Major Infrastructure Team Manager, Auckland Council for approval or certification may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted shall clearly show the integration with adjacent stages and interrelated activities.

DC.5

In the event of any dispute, disagreement or inaction arising as to any Auckland Council Manager certification/ approvals required by the designation conditions, or as to the implementation of or monitoring required by the conditions, matters shall be referred in the first instance to the NZTA Regional State Highway Manager and to the Resource Consents Manager, Auckland Council to determine a process of resolution. If a resolution cannot be agreed, then the matter may be referred to an independent appropriately qualified expert, agreeable to both parties, setting out the details of the matter to be referred for determination and the reasons the parties do not agree. The independent appropriately qualified expert shall be appointed within 10 working days of the NZTA or Auckland Council giving notice of their intention to seek expert determination. The expert shall, as soon as possible, issue his or her decision on the matter. In making the decision, the expert shall be entitled to seek further information and hear from the parties as he or she sees fit.

Advice note: The dispute resolution process provided for in this condition does not prejudice any party's right to take enforcement action in relation to the implementation of the designation conditions. However, the dispute resolution process will be applied before any formal enforcement action is taken by the Council, except in urgent situations.

DC.6

Except for Conditions DC.7, DC.8 and DC.9, the NZTA shall be exempt from providing an Outline Plan of Works for the Project, as provided for in Section 176A (2)(a) and (b) of the RMA.

Advice note: The Construction and Operational Management Plans, together with the provision of detailed drawings required by Condition DC.1(b) are considered sufficient detail in all aspects of the Project, with the exception of proposed works for the northern and southern ventilation buildings and stacks where further details are required.

DC.10

The NZTA shall give notice to the Manager Regional and Local Planning, Auckland Council in accordance with Section 182 and 181 respectively of the RMA for:

(a) Within six months of the State highway opening (being operational), removal of those parts of the designation that are not required for the long term operation, maintenance and mitigation of effects of the State highway.

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Note: this condition is specific to land no longer required for construction purposes once the Project is completed and includes the land of 6 Barrymore Road, refer Condition OS.17.

(b) The designation to be altered to remove those conditions no longer required for long term operation and maintenance of the Project.

DC.12

Unless otherwise provided for by Condition RC.2, if any monitoring required to be undertaken by any party by the designation conditions indicates non-compliance with any designation condition, the NZTA must provide written notice to the Major Infrastructure Team Manager Auckland Council as soon as it becomes aware of same, stating the following:

- (a) A description of the non-compliance; and
- (b) The measures NZTA proposes for addressing the non-compliance, including any additional mitigation measures.

Subject to the Council's approval, the NZTA must implement the additional mitigation measures to address the non-compliance.

DC.13

Pursuant to Section 36(1)(d) of the RMA, the requiring authority is required to pay to Auckland Council any administrative charge for the carrying out by the local authority of its functions in relation to the administration, monitoring, and supervision of designation conditions.

DC.14

The servants of agents of Auckland Council shall be permitted to have access to relevant parts of the Project at all reasonable times for the purpose of carrying out inspections, investigations, tests, measurements and/or to take samples.

Construction Environment Management Plan Conditions

CEMP.1

Except where provided for in Condition CEMP.1A below, the NZTA shall update and finalise the draft Construction Environmental Management Plan (CEMP) including all the Management Plans which form part of the CEMP and are included as appendices, submitted with this application to ensure compliance with the consent and designation conditions imposed by the Board of Inquiry. The CEMP shall be provided to the Major Infrastructure Team Manager, Auckland Council for review at least 20 working days prior to the commencement of works to certify compliance and consistency with the conditions. Construction shall not commence until certification is obtained.

Advice note: For clarity the CEMP will be updated and finalised in accordance with the conditions. Any amendments will be limited to reflecting the requirements of the conditions, specifying personnel, and completing the Environmental Risk Register.

Advice note: Particular care must be taken with development and operation of Construction Yard 7. When the CEMP is being updated and finalised, consideration must be given to the contents of the draft SSCEMP prepared for Construction Yard 7 (Row 41, Schedule A) recognising changes required by inclusion of the ventilation stack in this yard.

CEMP.2

The certification process of the CEMP (and its appendices) shall confirm that the CEMP gives effect to the relevant conditions, as well as those matters in CEMP.6, and that it includes details of:

- (a) Staff and contractors' responsibilities;
- (b) Training requirements for employees, sub-contractors and visitors;
- (c) Environmental incident and emergency management;
- (d) Communication and interface procedures (in accordance with the Communication Plan required under

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Condition PI.2);

(e) Environmental complaints management (including the procedures required under Condition PI.4);

(f) Compliance monitoring;

(g) Reporting (including detail on the frequency of reporting to the Auckland Council);

(h) Environmental auditing; and

(i) Corrective action.

CEMP.3

The management of key environmental effects associated with the construction phase of the Project is detailed within environmental management plans that are included in the CEMP as appendices. This suite of management plans as shown on Figure CEMP.A comprises:

(a) Construction Noise and Vibration Management Plan (CNVMP);

(b) Construction Air Quality Management Plan (CAQMP);

(c) Erosion and Sediment Control Plan (ESCP);

(d) Temporary Stormwater Management Plan (TSMP);

(e) Ecological Management Plan (ECOMP);

(f) Groundwater Management Plan (GWMP);

(g) Settlement Effects Management Plan (SEMP);

(h) Contaminated Soils Management Plan (CSMP);

(i) Hazardous Substances Management Plan (HSMP);

(j) Archaeological Site Management Plan (ASMP);

(k) Construction Traffic Management Plan (CTMP);

(l) Concrete Batching and Crushing Plant Management Plan (CBCPMP);

(m) Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP) (to be prepared in accordance with Condition CEMP.15);

(n) Waste Management Plan (to be prepared in accordance with Condition CEMP.10); and

(o) Temporary Construction Lighting Management Plan (to be prepared in accordance with Condition L.2).

CEMP.4

The CEMP shall be implemented and maintained throughout the entire construction period.

CEMP.5

A copy of the CEMP shall be held on each construction site at all times and be available for inspection on request by the Auckland Council.

CEMP.6

The finalised CEMP shall include specific details on demolition, construction and management of all works associated with the Project. The certification process of the CEMP shall confirm that the CEMP includes details of the following:

(a) Details of the site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);

(b) The location of large notice boards that clearly identify the NZTA and the Project name, together with the name, telephone, email address and address for service of the site or Project manager and the community liaison person;

(c) An outline construction programme of the work indicating in particular likely time periods for road closures and anticipated traffic diversion effects;

(d) The hours of work, which should reflect the need to ensure that residents enjoy reasonable freedom from noisy or intrusive construction activity in their neighbourhood at night, on Sundays and during public holidays;

(e) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;

(f) Location of worker's offices and conveniences (e.g. portaloos);

(g) Procedures of controlling sediment run-off, dust and the removal of soil, debris and demolition and

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construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;

(h) Methods to stabilise ingress and egress points to construction sites, to the standard required by ARC Technical Publication 90 (Nov 2007);

(i) Procedures for ensuring that residents within 100m of construction areas or other people whose use of an area may be disrupted by construction works (for example the Te Atatu Boating Club for works on the Whau River) are given notice of the commencement of construction activities and are informed about the expected duration of the works, including potentially through the community liaison person;

(j) Procedures to be followed to ensure that those working in the vicinity of identified heritage and ecological features are aware of the heritage or ecological values of these features and the steps which need to be taken to meet the conditions applying to work on the site;

(k) Means of ensuring the safety of the general public;

(l) Procedures for the community liaison person to receive and respond to complaints about construction activities, including dust and odour from the works;

(m) Methods of mitigating the local and network wide effects of construction of individual elements of the Project, including measures to ensure that parking of staff vehicles on surrounding streets is restricted;

(n) All temporary boundary/ security fences shall be maintained in good order, with any graffiti removed as soon as possible;

(o) Confirmation of a Project Arborist and completion of a STEM assessment of the preliminary list of Amenity Trees in Schedule E.7 of the AEE to confirm the final Amenity Trees; and

(p) The process to minimise removal of Amenity Trees, maximise the protection of those retained, undertake relocation of Amenity Trees and replacement planting of specimen trees (in accordance with Conditions LV.10 and ARCH.9)).

(q) Advice note: For the purposes of CEMP.6(o) and (p), Amenity Tree is defined as a tree or trees that contribute significantly to amenity, taking into account its form, size, health, ecological or historical significance (a preliminary list of these trees is provided in Appendix E.7 of the AEE).

CEMP.7

The layout of the 12 Construction Yards, including associated buildings, fencing and site access shall be developed in accordance with Waterview Connection Project Construction Yards Plans (Refer Schedule A, Row 7). The layout drawings shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to the occupation of the yard, for review and certification that the final layout of the construction yards is in accordance with the conditions. The layout drawings shall incorporate the following:

(a) The main access to the construction yards to be located as far as practicable from residential dwellings, taking into account site and public safety and environmental constraints, in the locations shown on Waterview Connection Project Construction Yards Drawings (Refer Schedule A, Row 7);

(b) Noisy construction activities to be located as far as practicable, and preferably no less than 100m, from residential dwellings; Construction of temporary boundary/ security fences to be undertaken in a manner which minimises impacts on existing trees;

(c) Temporary acoustic fences and visual barriers;

(d) Temporary buildings greater than 8 metres in height to be located in a position which minimises visual impact on adjacent residential dwellings; and

Location of workers' and Project vehicle parking.

CEMP.8

All storage of material and equipment associated with the construction works shall take place within the boundaries of the designation.

CEMP.9

Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the roads during the site preparation and construction phase of the Project. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with

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construction activities shall be repaired to the same or similar standards as existed prior to such damage at no cost to the Auckland Council.

CEMP.10

The NZTA shall finalise and implement the Hazardous Substances Management Plan (HSMP), through the CEMP (as per Condition CEMP.1), submitted with this application, prior to works commencing on site. The certification process of the CEMP shall confirm that the HSMP clearly identifies the requirements for proper storage, handling, transport and disposal of hazardous substances during the construction phase of the Project and confirm that there shall be no storage of explosives on the Project site.

CEMP.11

The NZTA shall develop and implement a Waste Management Plan in accordance with the waste management principles, controls and methods set out in the CEMP. The Plan shall be provided to the Major Infrastructure Team Manager, Auckland Council and be implemented throughout the entire construction period.

CEMP.12

The CEMP shall be reviewed by the NZTA at least annually or as a result of a material change to the Project. The review shall take into consideration:

- (a) Compliance with designation and consent conditions;
- (b) Any changes to construction methods;
- (c) Key changes to roles and responsibilities within the Project;
- (d) Changes in industry best practice standards;
- (e) Changes in legal or other requirements;
- (f) Results of inspections, monitoring, incidents, corrective actions, internal or external assessments; and
- (g) Public complaints.

A summary of the review process undertaken shall be kept by the NZTA, provided annually to the Major Infrastructure Team Manager, Auckland Council and made available (with any related data) to the Auckland Council upon request.

CEMP.13

Following the review process (as described in Condition CEMP.12), the CEMP may require updating. Any material change proposed to the CEMP (including appended Management Plans) shall be submitted for approval to the Major Infrastructure Team Manager, Auckland Council at least 10 working days prior to the proposed changes taking effect.

Advice Note:

Material change will include amendment to any base information informing the CEMP or any process, procedure or method of the CEMP (such as the environmental constraints map, compliance monitoring process, complaints procedure or mitigation / remedial methods identified) which has the potential to increase adverse effects on a particular value. For clarity changes to personnel and contact schedules do not constitute a material change.

CEMP.14

The CEMP shall include, as an appendix, an Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP). The EISDCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council, and include:

- (a) Methods and measures:
 - (i) To ensure that the existing high voltage infrastructure can be accessed for maintenance at all reasonable times, or emergency works at all times, during and after construction activities.
 - (ii) To appropriately manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear, to the overhead transmission lines
 - (iii) To ensure that no activity is undertaken during construction that would result in ground vibrations and/or

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ground instability likely to cause material damage to the transmission lines, including support structures.

(iv) To ensure that changes to the drainage patterns and runoff characteristics do not result in adverse effects from stormwater on the foundations for any high voltage transmission line support structure.

(b) Sufficient detail to confirm that new planting and maintenance of vegetation will comply with the New Zealand Electricity (Hazard from Trees) Regulations 2003, including, but not limited to, the provisions of Schedule (Growth Limit Zones) to those Regulations.

(c) Sufficient detail to confirm that the works will comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001), including, but not limited to, the provisions of:

(i) Clause 2.2 with respect to excavations near overhead support structures;

(ii) Clause 2.4 with respect to buildings near overhead support structures;

(iii) Section 3 with respect to minimum separation between buildings and conductors;

(iv) Section 5 with respect to minimum safe distances for the operation of mobile plant; and,

(v) Table 4 with respect to minimum safe separation distances between the ground and the overhead conductors.

(d) Confirmation that Transpower has been provided a copy of the EISCDMP for their review at least 20 working days prior to construction.

Advice note: With respect to clause (c), specific consideration must be given to the height and location of temporary structures (such as Project offices and other construction site facilities) and permanent structures (such as lighting poles, signage, gantries and acoustic barriers).

CEMP.15

The NZTA will be responsible for all service relocations required for construction of the Project. The NZTA shall liaise with the providers of infrastructure service networks (including, but not limited to water, gas, stormwater, wastewater, power and telecommunications), and private property owners with on-site services to develop methodologies and timing for necessary services relocation required for the Project, with the objective of minimising disruption to the operation of these service networks and onsite services.

Advice note:

(a) It is noted that if separate consents are required for relocations for any services of network utility operators or landowners, such consents will be obtained before construction commences in the relevant area, and any effects of those relocations would be considered at that time. The same applies to any alteration of consents if required.

(b) Network infrastructure owned and operated by Watercare Services is located within the designations. An operating agreement will be developed by the NZTA and Watercare Services which will include appropriate notification and access protocols where works are to be undertaken by either network operator on or adjacent to Watercare Services infrastructure within the designations.

Public Information Conditions

PI.1.

A community liaison person shall be appointed by the NZTA for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the Project. The liaison person's name and contact details shall be made available in the CEMP and on site signage by the NZTA. This person must be reasonably available for on-going consultation on all matters of concern to affected parties arising from the Project.

PI.2.

The NZTA shall prepare and implement a Communications Plan that sets out procedures detailing how the public, Ministry of Social Development, Housing New Zealand Corporation and other organisations representing the particular demographic characteristics of the community (including but not limited to Primary Health Organisations, general practitioners, youth, education organisations, aged care groups and groups representing ethnic and migrant communities) will be communicated with throughout the construction and monitoring periods

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(as prescribed in the designation and consent conditions).

In preparing the Communications Plan, the NZTA will liaise with Auckland Council to access its community liaison databases. The Communications Plan will include details of:

- (a) The site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) In accordance with these Conditions, the database of the key construction activities and monitoring requirements that are the subject of the Communications Plan;
- (c) The database of stakeholders and residents who will be communicated with;
- (d) Communication methods, an assessment of how these methods reach the different audience/ stakeholder groups (including those methods set out in Condition CEMP.6), and detail on when each of these methods will be used (e.g. regular communication or event specific methods);
- (e) The appointed specialist in Environmental and Occupational Medicine, including contact details (as per Condition SO.13);
- (f) Any stakeholder specific communication plans required; and
- (g) Monitoring and review procedures for the Communications Plan.

The Communications Plan shall be written in accordance with the external communication procedures set out in the CEMP and provided at least 20 working days prior to construction commencing, to the Major Infrastructure Team Manager, Auckland Council, Working Liaison Group and the Community Liaison Group(s) established by Condition PI.5. The structure of the communication groups set out in these conditions is attached as Figure PI.A.

PI.3.

At least 15 working days prior to the commencement of construction, and at 15 working day intervals thereafter, or as required depending on the scale of works and effects on the community, advertisements will be placed in the relevant local newspapers and community notice boards (as identified in Condition CEMP.6(b)) detailing the nature of the forthcoming works, the location of the forthcoming works and hours of operation. All advertisements will include reference to a 24 hour toll free complaints telephone number. Where relevant, advertisements will also include but not be limited to details of:

- (a) Any traffic disruptions or controls or changes to property access, pedestrian/ cycle routes and bus stops; and
- (b) Any other construction activities, including night time works, blasting, and structure-borne noise, as identified in the conditions.

PI.4.

The NZTA shall manage, investigate and resolve (as appropriate) all complaints for the duration of the construction works in accordance with the environmental complaints section of the CEMP. The implementation strategy for complaints includes:

- (a) A 24 hour toll free telephone number and email address, which shall be provided to all potentially affected residents and businesses. The number shall be available and answered at all times during the entire duration of the works for the receipt and management of any complaints. A sign containing the contact details shall be located at each site specific work activity;
- (b) The NZTA shall maintain a record of all complaints made to this number, email or any site office, including the full details of the complainant and the nature of the complaint;
- (c) Upon receiving a complaint, within 10 days of complaint receipt, a formal written response will be provided to the complainant and Auckland Council;
- (d) The NZTA shall undertake corrective action where necessary to resolve any problem identified. All action taken and relevant information shall be documented. For the avoidance of doubt, 'where necessary' refers to where the works are not being carried out in accordance with conditions of this designation;
- (e) Where issues and complaints about effects cannot be resolved through the CEMP complaints management process, a meeting shall be held between the NZTA, the complainant and the Auckland Council representative(s) to discuss the complaint and ways in which the issue may be resolved. If parties cannot agree on a resolution, an independent qualified mediator will be appointed, agreeable to all parties and at the shared

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cost of all parties, to undertake mediation of the dispute or concerns; and

(f) All information collected in Conditions PI.4 (b), (c) and (d) shall be detailed in a Construction Compliance Report (including the means by which the complaint was addressed, whether resolution was reached and how the response was carried out) prepared by the NZTA. This Report shall be submitted to the Major Infrastructure Team Manager, Auckland Council on a quarterly basis commencing at the beginning of the works and for the entire duration of construction.

PI.5.

The NZTA shall establish Community Liaison Group(s) at least two months prior to construction commencing in each of the following key construction areas:

- (a) Te Atatu (including the SH16 Causeway)
- (b) Waterview (including works to St Lukes on SH16 and on the Waterview Estuary and Causeway Bridges)
- (c) Owairaka

and hold regular meetings (at least three monthly) throughout the construction period and up to 24 months following construction completion relevant to these areas (or less if the members of the Group agree), so that on-going monitoring information can continue to be disseminated.

The Community Liaison Group(s) shall be open to all interested parties within the Project area including, but not limited to the following groups:

- (a) Auckland Council and Auckland Transport;
- (b) Educational facilities within the Project area (including schools, kindergartens, childcare facilities and Unitec Institute of Technology);
- (c) Relevant community/ environmental groups (including but not limited to Friends of Oakley Creek, Star Mills Preservation Group, Cycle Action Auckland and representatives from those organisations identified in the Communications Plan (as required by Condition PI.2) and local residents;
- (d) Department of Conservation;
- (e) Local Boards;
- (f) Iwi groups with Mana Whenua;
- (g) Public transport providers; and
- (h) Housing New Zealand Corporation.

Advice note: The purpose of the Community Liaison Group(s) is to provide a regular forum through which information about the Project can be provided to the community, and an opportunity for concerns or issues to be raised.

PI.6.

The Community Liaison Group(s) shall be provided opportunities to review and comment on the following (amongst other things):

- (a) The Outline Plan of Works detailing designs for the northern and southern ventilation buildings and stacks (the outcomes of this consultation will be reported in accordance with the processes required in DC.8(n) and DC.9(k);
- (b) The Open Space Restoration Plans (as required by Condition OS.3);
- (c) Finalisation and amendment to Urban Design and Landscape Plans (UDL Plans) (as required by Condition LV.1);
- (d) The Oakley Inlet Heritage Plan (as required by Conditions OS.5(b)(i) and ARCH.6);
- (e) The detail of the Oakley Creek restoration (as required by Condition STW.20);
- (f) Publicly available results of environmental monitoring as required by the designation and/or these Consents (e.g. air quality monitoring); and
- (g) The finalisation of the STEM assessment required by CEMP.6(o) and a schedule of trees that are required to be removed for consideration of timber use in heritage projects as required by Condition SO.7.

Advice Note: Attention is drawn to the Vegetation conditions concerning identification and protection of Significant Vegetation and Valued Vegetation.

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(h) Detailed design features of the Te Atatu underpass (e.g. lighting and architectural treatment).

Operational Traffic Conditions

Tunnel Traffic Operation Plan

OT.2

The NZTA shall prepare a Tunnel Traffic Operation Plan in consultation with the Auckland Transport and Auckland Council. The Plan shall include, but not be limited to:

- (a) Procedures for tunnel operational safety, including fire-life safety;
- (b) Procedures for maintenance requirements.
- (c) Procedures for managing traffic to avoid or minimise potential congestion within the tunnel, particularly during peak periods.
- (d) Procedures for the management of traffic during incidents.
- (e) Procedures for the operation of tunnel fans and the management of portal emissions.
- (f) Confirmation that all equipment has been tested and operates in accordance with requirements and specifications.

The Tunnel Traffic Operation Plan shall be completed and provided to Auckland Transport and to the Major Infrastructure Team Manager, Auckland Council (in respect of Condition OT.2(e)), prior to operational use of the tunnelled section of SH20.

Advice note: The operation and maintenance of the air quality monitoring equipment inside the tunnel shall follow manufacturer's recommendations.

Noise and Vibration Conditions – Construction

CNV.1

The NZTA shall finalise and implement through the CEMP, a Construction Noise and Vibration Management Plan (CNVMP) throughout the entire construction period of the Project.

The CNVMP shall describe the measures adopted to meet:

- (a) the noise criteria set out in Conditions CNV.2 and 3 below;
- (b) the vibration criteria set out in Condition CNV.4 below; or
- (c) where (a) or (b) cannot be met, the process that will be followed to appropriately mitigate noise and vibration effects including methods that may be applied outside the designation.

The CNVMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CNVMP, as a minimum, addresses the following:

- (i) Construction noise and vibration criteria (Conditions CNV.2, CNV.3, and CNV.4);
- (ii) Hours of operation, including times and days when noisy and/or vibration inducing construction activities would occur;
- (iii) Machinery and equipment to be used;
- (iv) Vibration testing of equipment to confirm safe distances to buildings prior to construction;
- (v) Preparation of building condition surveys of critical dwellings prior to, during and after completion of construction works;
- (vi) Roles and responsibilities of personnel on site;
- (vii) Construction operator training procedures;
- (viii) Methods for monitoring and reporting on construction noise and vibration;
- (ix) A hierarchy of mitigation options that will be assessed for the Project noise mitigation, including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved;
- (x) Management schedules containing site specific information;
- (xi) Measures for liaising with and notifying potentially affected receivers of proposed construction activities and the potential for noise and vibration effects, specifically:

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•PPFs located within a horizontal distance of 35 metres of underground excavation works, along the tunnel alignment shall receive prior notification not greater than 7 days (and not less than 24 hours) prior to the commencement of works.

•Methods for ensuring residents affected by night works (within 100m of the construction site night works, as defined on the maps (refer Schedule A, Row 35) are notified of such works (i.e. any works during the hours of 20:00 to 06:30) at least 5 days prior to the commencement of any such work.

•The maps showing PPFs to be notified of night works (refer Schedule A, Row 35, shall be reviewed and included within the CNVMP.

(xii) Methods for receiving and handling complaints about construction noise and vibration;

(xiii) Measures for preventing the occurrence of rogue fly rock, including management of charge weights and face loading procedures, stemming of charge holes and profiling of the face to maintain minimum burden (face cover);

(xiv) Investigations on the practicability of implementing permanent noise mitigation works for construction mitigation (as per Condition CNV.7);

(xv) Investigations of the practicability of implementing Building Modification mitigation, as required in accordance with Conditions ON.6 and ON.11, prior to commencement of construction within 100m of the relevant PPFs (including those on the Unitec site); and

(xvi) The process for developing Site Specific Noise Management Plans (SSNMP), in accordance with the SSNMP Flow Chart (refer Schedule A, Row 36), including templates and a certification process for the Major Infrastructure Team Manager, Auckland Council (in accordance with Condition CNV.13) to confirm the process of SSNMP review of noise mitigation options where, the modelled/predicted levels or subsequent actual levels exceed the criteria in Conditions CNV.2 and/or CNV.4.

CNV.2

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction noise (excluding noise from blasting Monday to Saturday inclusive) shall be measured and assessed in accordance with NZS 6803:1999 "Acoustics - Construction Noise" and shall comply with the following criteria:

Note: In Condition CNV.2 (T) means a duration between 15 minutes and 60 minutes, in accordance with NZS6803:1999.

(a) Project Construction Noise Criteria: Residential Receivers

Time of Week	Time period	Project Construction Noise Criteria (Long Term Construction) dB		
		Sectors 1-7	Sectors 8-9	All Sectors
		LAeq(T)	LAeq(T)	LAeq(T)
Monday- Saturday	0630-0730	60	45	75
	0730-1800	70	70	85
	1800-2000	65	65	80
	2000-0630	60	45	75
Sundays and Public Holidays	0630-0730	45	45	75
	0730-1800	60	45	85
	1800-2000	45	45	75
	2000-0630	45	45	75

(b) Project Construction Noise Criteria: Commercial and Industrial Receivers

Time Period	Project Construction Noise Criteria (Long Term Construction) dB
	LAeq(T)
0730-1800	70
1800-0730	75

(c) Project Construction Noise Criteria: Internal Structure-borne Noise from tunnelling for Residential Receivers

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Time Period	Project Construction Noise Criteria Inside	
0600-2200	35 dB LAeq(T)	All habitable rooms
2200-0600	30 dB LAeq(T)	Bedrooms

(d) Project Construction Noise Criteria: Internal noise for Licensed Educational Facilities

Time Period (School Days)	Project Construction Noise Criteria Inside	
Teaching Hours	45 dB LAeq(T)	Classrooms, library, offices, teaching, laboratories, manual arts, workshops
Teaching Hours	40 dB LAeq(T)	School hall, lecture theatres

Note: In Condition CNV2(d) "Teaching hours" means: Primary schools and Kindergartens: 9am to 3pm Unitec: 8am to 9pm

CNV.3

Project Construction Noise Criteria: Airblast (excluding Sundays)

Category	Type of Blasting Operations	Peak Sound Pressure Level (LZpeak dB)
Human Comfort Limits		
Sensitive Site	Operations lasting longer than 12 months or more than 20 Blasts	115 dB for 95% blasts per year. 120 dB maximum unless agreement is reached with occupier that a higher limit may apply
Sensitive Site	Operations lasting less than 12 months or less than 20 Blasts	120 dB for 95% blasts per year. 125 dB maximum unless agreement is reached with occupier that a higher limit may apply
Occupied non-sensitive sites such as factories and commercial premises	All blasting	125 dB maximum unless agreement is reached with the occupier that a higher limit may apply. For sites containing equipment sensitive to vibration, the vibration should be kept below manufacturer's specifications of levels that can be shown to adversely affect the equipment operation
Damage Control Limits		
Structures that include masonry, plaster and plasterboard in their construction and also unoccupied structures of reinforced concrete or steel construction	All blasting	133 dB unless agreement is reached with owner that a higher limit may apply.
Service structures such as pipelines, powerlines and cables located above ground	All blasting	Limit to be determined by structural design methodology

CNV.4

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction vibration received by any building shall be measured and assessed in accordance with the German Standard DIN 4150-3:1999 "Structural vibration – Part 3: Effects of vibration on structures", and shall comply with the criteria set out as follows:

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Type of Structure	Short-term vibration			Long-term vibration	
	PPV at the foundation at a frequency of				
	1-10 Hz (mm/s)	1-50 Hz (mm/s)	50-100 Hz (mm/s)	PPV at horizontal plane of highest floor (mm/s)	PPV at horizontal plane of highest floor (mm/s)
Commercial/Industrial	20	20-40	40-50	40	10
Residential/School	5	5-15	15-20	15	5
Historic or Sensitive structures	3	3-8	8-10	8	2.5

CNV.5

Notwithstanding Condition CNV.3 above,

(a) Blasting activities shall be conducted so that 95% of the blasts undertaken (measured over any twenty blasts on the foundation of any building outside the designation boundary) shall produce peak particle velocities not exceeding 5mm/s and 100% of the blasts undertaken shall produce peak particle velocities not exceeding 10mm/s irrespective of the frequency of the blast measured.

(b) Construction activities, which occur within Sectors 1, 6, 8 and 9 which are identified in Technical Report no. G.19 Assessment of Vibration Effects, as being at a 'High Risk' of exceeding the DIN 4150-3:1999 criteria (being excavation, piling, compaction and drilling) shall be conducted so that 95% of the activities undertaken (measured over at least 20 representative samples of the relevant activity on any residential building) shall produce peak particle velocities not exceeding the relevant criterion in DIN 4150-3:1999 and 100% of the activities undertaken shall not exceed 10mm/s irrespective of the frequency of the activity measured.

CNV.6

Blasting shall be undertaken between 09:00h and 17:00h, Monday to Saturday, except that blasting may be undertaken between 09:00h and 17:00h on Sundays where:

- (a) The blasting is at least 50m inside the Sector 8 tunnel;
- (b) The blasting produces peak particle velocities at any residential building not exceeding 0.5mm/s; and
- (c) The Project construction noise criteria set out in Condition CNV.2 for Sundays are complied with.

CNV.7

Where practicable, permanent (traffic) noise barriers, required in any Sector as Detailed Mitigation Options for operational noise following completion of the Project (in accordance with Conditions ON.3 to ON.5) shall be erected prior to noise generating construction works commencing. Where this is not practicable, temporary noise mitigation measures shall be implemented in accordance with the CNVMP, prior to noise generating construction works commencing.

CNV.8

Pile driving or pile removal shall not be undertaken at night (i.e. during the hours of 20:00 – 06:30).

CNV.9

The concrete batch plants, rock crushing plants and the loading bays and conveyors for such plants shall be fully enclosed.

CNV.10

If noise and vibration monitoring of the tunnelling works for the Project (in accordance with Condition CNV.1), indicates that the noise or vibration criteria of Conditions CNV.2(c) or CNV.4 will potentially be exceeded and that temporary relocation will be offered for residents at 1510 Great North Road, then relocation (and temporary transportation) shall be arranged with the leaseholder at 1510 Great North Road for tenants (with at least 1 months' notice to the leaseholder prior to relocation). Any accepted offer of relocation is to be in place prior to tunnelling works within 50m of the building at 1510 Great North Road.

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CNV.11

For all other properties, if noise and vibration monitoring of the tunnelling works for the Project (in accordance with Condition CNV.1), indicates that the noise or vibration criteria of Conditions CNV.2 or CNV.4 will potentially be exceeded, then the process set out in the CNVMP will be undertaken including Site Specific Noise Management Plans. Where relocation for residents is proposed, notification of such relocation with residents and property owners will be undertaken in accordance with the processes contained in the CNVMP.

CNV.12

Any relocation required by CNV.10 will not be undertaken in the period between 10 working days prior to any Unitec examinations and the completion of those examinations.

CNV.13

SSNMPs (required by Condition CNV.1(xvi)) above, shall be submitted to Major Infrastructure Team Manager, Auckland Council for review and certification at least 7 working days prior to the proposed works commencing. A decision will be provided by the Council within 5 working days of receipt of the SSNMP.

Works will not commence until certification is received from the Major Infrastructure Team Manager, Auckland Council. The Council may, at its discretion, waive the requirement for SSNMPs to be submitted to the Council where an SSNMP is required.

If monitoring shows that levels specified in a SSNMP are being exceeded, work generating the exceedence will stop and not recommence until further mitigation is implemented in accordance with an amended SSNMP certified by Council.

Advice note: It is accepted that the criteria of CNV.2 and CNV.4 may not be met at all times, but that the NZTA will take all practical steps to achieve compliance, taking into account the hierarchy of mitigation options outlined in Condition CNV.1 (ix).

Vibration Conditions - Operation

OV.1

Existing ambient vibration levels shall be measured at critical locations nominated by the NZTA, and submitted to the Major Infrastructure Team Manager, Auckland Council for approval prior to the commencement of works. These baseline measurements will establish pre-Project vibration levels for comparison with future vibration levels.

Operational Air Quality Conditions

OA.2

Prior to the tunnels becoming operational, the NZTA shall establish two ambient air quality monitoring stations and one portal air quality monitoring station. The location and types of these monitoring stations shall be selected by the NZTA in consultation with the Auckland Council and Peer Review Panel (Condition OA.7), providing that one ambient monitoring station will be located within the Waterview Primary School (subject to agreement by the School).

Ambient air quality shall be monitored continuously in real time, to monitor potential effects associated with the operation of the ventilation system from the tunnels. Ambient monitoring shall include fine particulates (PM10 and PM2.5) and nitrogen dioxide. Portal monitoring shall include nitrogen dioxide. Results shall be compared with the relevant National Environmental Standards for air quality and Auckland Regional air quality targets (as identified in Chapter 4 of the Auckland Regional Plan: Air, Land and Water, 2010). Monitoring shall be undertaken at each site until the Peer Review Panel recommends that monitoring is no longer necessary. The locations, operation and maintenance schedules of the continuous monitors shall, as far as practicable, comply with the requirements of AS/NZ 3580.1.1: 2007 Method for Sampling and Analysis of Ambient Air – Guide to Siting Air Monitoring Equipment, and with methods specified in the National Environment Standards.

Ground Settlement Conditions

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S.1

The NZTA shall finalise, and implement through the CEMP, the Settlement Effects Management Plan (SEMP) lodged with the application prior to construction activities being undertaken. Prior to construction (following detailed investigation and design), the total estimated settlements and building damage categories shall be confirmed using the methodology in Technical Report G.13 Assessment of Ground Settlement Effects and the SEMP shall be updated accordingly.

In the event that settlement predictions are greater (than those allowed for in Figure E.14 (refer Schedule A, Row 26)) or building damage categories increase in ranking or buildings affected from those identified in Figures G1-G4 (refer Schedule A, Row 27), mitigation measures shall be introduced as part of the detailed design and construction process to avoid any adverse effects greater than predicted by the application lodged in August 2010.

Settlement Monitoring

S.6

The NZTA shall collate the results of the settlement monitoring (undertaken pursuant to Conditions S.2 – S.5) and prepare a report that shall be made available to the Auckland Council]. A settlement monitoring report shall be prepared prior to the commencement of construction, and then at monthly intervals throughout the construction period. Following the completion of construction, a settlement monitoring report shall be prepared following each round of settlement monitoring undertaken (i.e. monthly and then 6-monthly when monitoring is reduced pursuant to Condition S.5). The settlement reports shall highlight any alert or alarm level exceedances and provide a full interpretation and/or explanation as to why these levels are exceeded, the likely effects and detail any remedial or mitigation measures initiated as a result of these trigger exceedances.

Differential Settlement

S.17

Pairs of settlement markers shall be established on each side of the cross sections identified on Figure E.14 to monitor differential movements. The markers in each pair shall be no more than 20m apart, and each pair shall be within 100m of the centreline of the closest tunnel. Monitoring installed in accordance with Condition S.11 can be utilised for this purpose. Each pair of markers shall have Alert and Alarm values set based on the calculated differential settlements at that location and consistent with the relevant calculated Building Damage Category (Figures G1-G4, (Refer Schedule A Row 27)), Alert and Alarm levels shall be as defined in Condition S.2. Monitoring frequency shall be as defined for Framework Markers in Condition S.3.

Contaminated Land and Contaminated Discharges Conditions

CL.1

The NZTA shall finalise and implement through the CEMP, the Contaminated Soil Management Plan (CSMP) submitted with this application prior to commencement of any site works. The CSMP shall include, but not be limited to:

- (a) Measures to be undertaken in the handling, storage and disposal of all material excavated during the construction works;
- (b) Soil validation testing and groundwater testing;
- (c) Soil verification testing to be undertaken to determine the nature of the excavated spoil and potential reuse or disposal options;
- (d) Measures to be undertaken in the event of unexpected contamination being identified during construction activities; and
- (e) Measures to be undertaken for the handling of asbestos containing material.

CL.2

Prior to the main construction works commencing, the baseline quality of soils and groundwater within Sector 5 (the southern bank of Oakley Creek coincident with the location of the former tannery) and Sector 7 (particularly in relation to works in the vicinity of Great North Road) shall be investigated and established. The investigations

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shall be carried out in accordance with appropriate Ministry for the Environment and Auckland Council guidelines.

The findings of the soil and groundwater investigations shall be used to determine the specific constructions methods during work in this area to manage any likely environmental effects in relation to the Project.

CL.3

Prior to the main construction works commencing, soils and fill materials within Alan Wood Reserve (Sector 9) shall be further classified so as to determine the distribution and extent of cleanfill, managed fill and contaminated/hazardous fill materials.

CL.4

All excavated soil shall be tested by the NZTA in general accordance with the CSMP, prior to either reuse on site or disposal off site. The testing regime shall be submitted for approval by the Major Infrastructure Team Manager, Auckland Council.

CL.5

The NZTA shall notify the Major Infrastructure Team Manager, Auckland Council within 5 working days of identification of any contamination at the site which was not identified in the reports submitted in support of this application, including contaminated soil, surface water or groundwater. The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.6

The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.7

The NZTA shall engage a suitably qualified contaminated land specialist to supervise the works, excavation and removal of any contaminated soils from the site and undertake sampling (if required) of imported material.

CL.8

All testing / sampling techniques shall be carried out in accordance with the Ministry for the Environment Contaminated Land Management Guidelines or other equivalent standards approved in writing by the Major Infrastructure Team Manager, Auckland Council.

CL.9

During and following the tunnel construction works beneath Sector 8, groundwater quality monitoring shall be carried out at locations within and down hydraulic gradient of Phyllis Street Landfill. Monitoring shall be undertaken on at least a monthly basis, and for a period up to 12 months following completion of the tunnel construction works. The monitoring programme shall be submitted for approval by the Auckland Council as landowner.

CL.10

Prior to, during and following tunnel construction works beneath Phyllis Street Landfill, monitoring for landfill gas shall be carried out from existing monitoring boreholes within the landfill. Monitoring shall be undertaken on at least a monthly basis, for a period of no less than 6 months prior to, and up to 12 months following completion of the tunnelling works. The monitoring programme shall be submitted for approval by the Auckland Council as landowner.

CL.11

The NZTA shall submit to the Major Infrastructure Team Manager, Auckland Council, a Site Closure Report no

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later than three (3) months after the completion of the earthworks. The Report shall be prepared in accordance with Schedule 13 (Schedules for Reporting on Contaminated Land) of the Proposed Auckland Regional Plan: Air Land and Water and include:

- (a) Results of any soil reuse and imported material testing carried out to ensure compliance with the CSMP;
- (b) Volumes of soil removed from site;
- (c) Copies of the waste disposal receipts; and
- (d) Reports of any non-compliance with the CSMP procedures or complaints received while undertaking the site works.

Attachments

Figure CEMP.A - Construction Environmental Management Framework

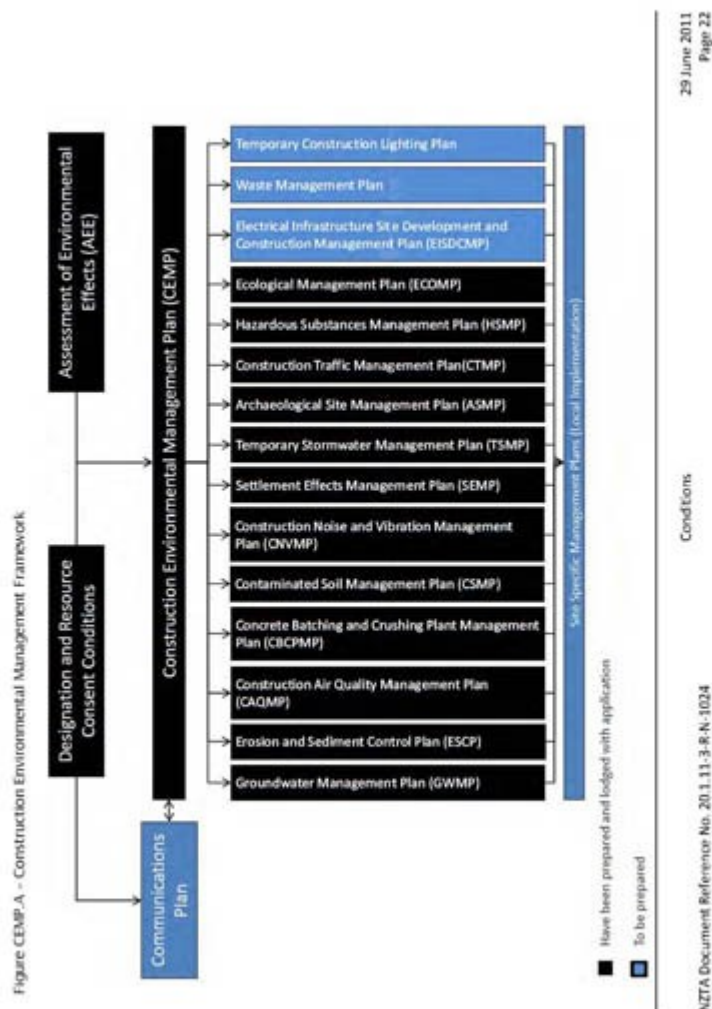
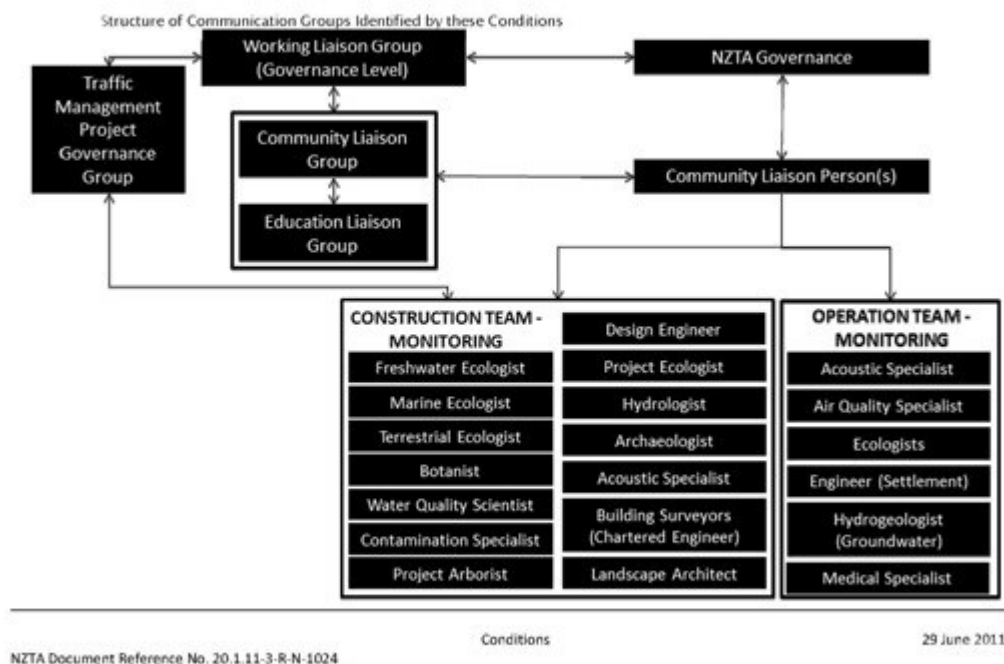


Figure PI.A - Structure of Communication Groups

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6729 State Highway 20 and Railway - Mt Roskill

Designation Number	6729
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20 from Hillsborough Road, Hillborough to Maioro Street, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation F05-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Proposed motorway; proposed motorway and railway; proposed road, Hayr Road to Richardson Road.

Conditions

1. That at the time of detailed design an environmental impact assessment be undertaken to determine effects the works will have on the environment and the most appropriate means of mitigating these effects.
2. That a landscape plan be submitted to the Council at the time of detailed design including fencing and planting which will be implemented at the boundary of the motorway with all land zoned residential and open space to minimise noise effects and provide screening.
3. That vehicle access across May Road, Dominion Road and Hayr Road be maintained when construction is

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completed.

4. That roading seals which minimise noise levels be incorporated into the final design.

5. That short term construction effects including noise, visual effects and dust be mitigated through construction methods which reduce these effects.

6. The term for implementation of this designation shall be 8 years from the inclusion of the designation in the District Plan.

Attachments

No attachments.

6730 State Highway 20 - Waterview Connection Mt Roskill

Designation Number	6730
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20 from Maioro Street to Alan Wood Reserve, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation F05-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

For new designation, SH20, southern tunnel portal to Maioro Street interchange – NOR7. New surface designation for construction, operation and maintenance of the SH20 surface component from Maioro Street Interchange to the proposed tunnels; includes land for structures associated with tunnel operation and works for mitigation and local road access and ramps; land taken from reserves and from land owned by the Crown for rail and residential purposes, generally in Sector 9. Works for construction, operation and maintenance of SH20 described above and including stormwater treatment, wetland ponds, ancillary safety and operational services, ventilation building and stack, temporary works, vegetation removal and restoration works, cycleway extension, landscaping and planting, installation and maintenance of grout curtain for groundwater management.

Conditions

For a complete set of conditions, refer to the Waterview Connection Proposal Board of Inquiry decision titled “Final Report and Decision of the Board of Inquiry into the New Zealand Transport Agency Waterview Connection Proposal - Volume 2” dated June 2011.

General Designation Conditions

DC.1

Except as modified by the conditions below, the works shall be undertaken in general accordance with the information provided by the New Zealand Transport Agency (NZTA being the Requiring Authority), the Notice(s) of Requirement and the supporting documents, and supplementary information provided in evidence. This information is summarised as follows: (a) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Parts A-E; (b) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part F: Plans and Drawings, except as updated through the hearing (Refer Schedule A for current plan and drawing references); and (c) Waterview Connection Project. Assessment of

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Environmental Effects Report (dated August 2010). Part G: Technical Reports:

- (i) Technical Report G.1 Assessment of Air Quality Effects
- (ii) Technical Report G.2 Assessment of Archaeological Effects
- (iii) Technical Report G.3 Assessment of Avian Ecological Effects
- (iv) Technical Report G.4 Assessment of Coastal Processes
- (v) Technical Report G.5 Assessment of Construction Noise Effects
- (vi) Technical Report G.6 Assessment of Freshwater Ecological Effects
- (vii) Technical Report G.7 Assessment of Groundwater Effects
- (viii) Technical Report G.8 Assessment of Herpetofauna Ecological Effects
- (ix) Technical Report G.9 Assessment of Land and Groundwater Contamination
- (x) Technical Report G.10 Assessment of Lighting Effects
- (xi) Technical Report G.11 Assessment of Marine Ecological Effects
- (xii) Technical Report G.12 Assessment of Operational Noise Effects
- (xiii) Technical Report G.13 Assessment of Ground Settlement Effects
- (xiv) Technical Report G.14 Assessment of Social Effects
- (xv) Technical Report G.15 Assessment of Stormwater and Streamworks Effects
- (xvi) Technical Report G.16 Assessment of Temporary Traffic Effects
- (xvii) Technical Report G.17 Assessment of Terrestrial Vegetation Effects
- (xviii) Technical Report G.18 Assessment of Transport Effects (xix) Technical Report G.19 Assessment of Vibration Effects
- (xx) Technical Report G.20 Assessment of Visual and Landscape Effects (xxi) Technical Report G.21 Construction Environmental Management Plan (CEMP)
- (xxii) Technical Report G.22 Erosion and Sediment Control Plan (ESCP)
- (xxiii) Technical Report G.23 Coastal Works
- (xxiv) Technical Report G.24 Geotechnical Interpretive Report (xxv) Technical Report G.25 Traffic Modelling Report (xxvi) Technical Report G.26 Operational Model Validation Report
- (xxvii) Technical Report G.27 Stormwater Design Philosophy Statement
- (xxviii) Technical Report G.28 Geotechnical Factual Report – 500 Series
- (xxix) Technical Report G.29 Geotechnical Factual Report – 700 Series
- (xxx) Technical Report G.30 Assessment of Associated Sediment and Contaminant Loads
- (xxxi) Technical Report G.31: Technical Addendum Report (September 2010)
- (d) PT & Active Mode Transport Routes Existing and Proposed (Refer Schedule A, Row 22).
- (e) Waterview Connection Project, Evidence and Supplementary Information provided to the Board of Inquiry:
 - (i) Evidence in Chief (Numbers 1-37)
 - (ii) Rebuttal Evidence (Numbers 1-33)
 - (iii) Supplementary Information (Numbers 1-8)

DC.1A

Within 3 months of the designations being confirmed for the Project (or at least 1 month prior to any Auckland Council approvals or certifications required by these Conditions, whichever is the earlier), the NZTA shall update and finalise to the satisfaction of the Major Infrastructure Team Manager, Auckland Council all drawings and Plans cited in Schedule A, and provide a full set of the information and documentation referred to in Condition DC.1 to the Major Infrastructure Team Manager Auckland Council. At the same time the NZTA shall prepare to the satisfaction of the Major Infrastructure Team Leader, Auckland Council, a document for each designation which sets out the designation and have attached to it in text format a comprehensive set of the conditions imposed by the Board of Inquiry in its Final Decision as summarised in Schedule B, inclusive of any standard conditions and advice notes. In particular (but not limited to), the following Plans will need to be amended in light of these Final Conditions:

- (a) F.2 Operational Scheme Plans (refer Schedule A, Row 3) require amendment detailing the amended location of the ventilation stacks and southern ventilation buildings;
- (b) F.5 Construction Scheme Plans (refer Schedule A, Row 4) require amendment to detail changes to the construction footprint for the amended location of the ventilation stacks and southern ventilation buildings and

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reconfiguration of Construction Yard 1);

(c) F.6 Construction Yard Plans 101 and 107 (refer Schedule A, Row 7), detailing amendments to the Construction Yard 1 in light of the reconfiguration of this Yard and for Construction Yard 7 in light of the relocation of the northern ventilation stack (refer Schedule A, Row 34);

(d) F.8 Plans of Structures and Architectural Features (refer Schedule A, Row 9), detailing the amended location of the northern ventilation stack and the design and location of the southern ventilation building and stack;

(e) The CNVMP (including flow diagram and the supplementary evidence produced by Ms Wilkening) (refer Schedule A, Rows 36, 37 and 39);

(f) The areas of the Open Space Restoration Plans (Schedule A, Row 30) to:

(i) Extend these areas in geographic extent to provide for the works identified in the Management Plan notations identified in the OS Conditions (in particular OS.5 and OS.6) (e.g. these areas will (as relevant) include Eric Armishaw Park, Howlett Reserve and Waterview Esplanade Reserve); and

(ii) Exclude the operational area of designation required for the northern ventilation stack (as identified through the OPW process (refer Condition DC.8); and (e) Schedule A, Row 28 the Plan detailing proposed open space impacts and replacements needs to be updated to recolour the two land parcels on Hendon Avenue (which are excluded from the replacement calculations) to 'brown' to confirm they are part of the operational impact and will not be returned as open space.

DC.2

The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

DC.3

The NZTA shall update and finalise the relevant Construction and Operational Management Plans required under these conditions to ensure compliance with the designation conditions imposed by the Board of Inquiry. The relevant Management Plans shall be submitted to the Major Infrastructure Team Manager, Auckland Council within the timeframes specified in the following conditions. No works shall be undertaken until the relevant management plans have been finalised and certified or approved in accordance with the relevant conditions.

DC.4

Any Management Plans submitted to the Major Infrastructure Team Manager, Auckland Council for approval or certification may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted shall clearly show the integration with adjacent stages and interrelated activities.

DC.5

In the event of any dispute, disagreement or inaction arising as to any Auckland Council Manager certification/ approvals required by the designation conditions, or as to the implementation of or monitoring required by the conditions, matters shall be referred in the first instance to the NZTA Regional State Highway Manager and to the Resource Consents Manager, Auckland Council to determine a process of resolution. If a resolution cannot be agreed, then the matter may be referred to an independent appropriately qualified expert, agreeable to both parties, setting out the details of the matter to be referred for determination and the reasons the parties do not agree. The independent appropriately qualified expert shall be appointed within 10 working days of the NZTA or Auckland Council giving notice of their intention to seek expert determination. The expert shall, as soon as possible, issue his or her decision on the matter. In making the decision, the expert shall be entitled to seek further information and hear from the parties as he or she sees fit.

Advice note: The dispute resolution process provided for in this condition does not prejudice any party's right to take enforcement action in relation to the implementation of the designation conditions. However, the dispute resolution process will be applied before any formal enforcement action is taken by the Council, except in urgent situations.

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DC.6

Except for Conditions DC.7, DC.8 and DC.9, the NZTA shall be exempt from providing an Outline Plan of Works for the Project, as provided for in Section 176A (2)(a) and (b) of the RMA.

Advice note: The Construction and Operational Management Plans, together with the provision of detailed drawings required by Condition DC.1(b) are considered sufficient detail in all aspects of the Project, with the exception of proposed works for the northern and southern ventilation buildings and stacks where further details are required .

Outline Plan of works

DC.7

An Outline Plan of Works shall be prepared for the Northern and Southern Ventilation Buildings and Stacks (OPW1 and OPW2) (in the general location as shown in the Operational Scheme Plans F.2 (Schedule A, Row 3) as shown on Figures DC.A and DC.B) in accordance with Section 176A of the RMA and Conditions DC.8 and DC.9 below and submitted to the Major Infrastructure Team Manager, Auckland Council.

For the purposes of Conditions DC.8 and DC.9, the following definitions shall apply:

- (a) Control Building – A building or buildings associated with the staffed control of the tunnel operating systems (including CCTV systems or surveillance). This precludes the inclusion or attachment of any equipment unrelated to the structure or operation of the control building.
- (b) Ventilation Building – A building or buildings associated with the operation and maintenance of the tunnels and associated ventilation system (including power and emergency water supply). This precludes the inclusion or attachment of any equipment unrelated to the structure or operation of the ventilation building.
- (c) Ventilation Stack (stack) - A structure which channels air emissions to a height in the atmosphere which is suitable to disperse the emissions and result in an acceptable ambient air quality. This precludes the inclusion or attachment of any equipment unrelated to the structure or operation of the ventilation stack.

DC.9

Outline Plan of Works for the Southern Ventilation Building, Control Building and Stack (OPW2) (Refer Figure DC.B). OPW2 shall be prepared in accordance with Section 176A of the RMA. The final form of the Southern Ventilation Building, Control Building and Ventilation Stack shall be in accordance with the design principles of Section B of the Urban Landscape and Design Framework (ULDF June 2010) (refer Schedule A, Row 38) and the following requirements:

- (a) Retention of the same building / structural components underground as per the revised Drawing Set F.8, specifically Drawings of Vent South Option 003 / 003A (refer Schedule A, Row 9);
- (b) Creation of an above ground building arrangement that maximises the separation of the buildings from the houses on Hendon Avenue to the east and the pedestrian / cycle way to the west;
- (c) The location of facilities, accessways, parking and manoeuvring areas to be in general accordance with the revised Plans of Drawing Set F.8, specifically Drawings of Vent South Option 003 / 003A (refer Schedule A, Row 9), providing for a shift of between 70 – 80m to the south east from the position shown in the application documents, the final decision within that 10m range to be taken by the NZTA, to the approval of Major Infrastructure Team Manager, Auckland Council, after consultation with the Community Liaison Group for Owairaka established under Condition PI.5;
- (d) Minimisation of the height of the ventilation building, control building and ventilation stack to limit their visual intrusion/ incursion relative to neighbouring residential properties – other than to enhance the visual aesthetic and cohesion of these key elements;
- (e) Development of an architectural profile, detailing and material palette that is sufficiently varied to avoid the building and vent imparting a monolithic character;
- (f) Employment of an architectural profile, detailing and material palette that references the local landscape/ geology/ tectonic character of the locality, and which is visually/ aesthetically 'grounded' in the remaining open space of Alan Wood Reserve and avoids an industrial character;
- (g) Treatment of the ventilation buildings and ventilation stack as objects of urban sculpture that are integrated

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with one another;

(h) Use of the building materials on the ventilation buildings and stack which are sufficiently robust, varied/ modulated, and treated that they remain adverse to graffiti and vandalism;

(i) Maximisation of the quantum of limbed-up large scale specimen trees (to promote visibility and surveillance (in accordance with CPTED principles)) in the vicinity of the ventilation buildings, related structures and vehicle movement/ parking areas, so as to reduce the apparent scale of the buildings when viewed from residential properties near Hendon Avenue and Methuen Road;

(j) Documentation of consultation with the Owairaka Community Liaison Group (as established by Condition PI.5) and the Manager, Urban Design Auckland Council and the views and concerns expressed by this consultation;

(k) Confirmation that the building height (maximum of 7.5m) and above ground area is no greater than the Concept Plan drawings in the updated plan set F.8, specifically Drawings of Vent South Option 003 / 003A (refer Schedule A, Row 9);

(l) The site configuration should maximise the use of CPTED principles for territorial reinforcements to achieve site security, minimising the necessity for additional fencing;

(m) If parking areas are secured, they should where possible directly abut the buildings. Any fencing should be kept to a minimum;

(n) Provision of lighting integrated with the façade design to illuminate the ventilation building, and as appropriate any shared pedestrian / cycle path within Alan Wood Reserve; and

(o) The ventilation stack will be at a height of 15m calculated from the post-construction ground level of the Alan Wood Reserve averaged at a distance of 10m from the exterior walls of the ventilation stack location.

DC.10

The NZTA shall give notice to the Manager Regional and Local Planning, Auckland Council in accordance with Section 182 and 181 respectively of the RMA for:

(a) Within six months of the State highway opening (being operational), removal of those parts of the designation that are not required for the long term operation, maintenance and mitigation of effects of the State highway Note: this condition is specific to land no longer required for construction purposes once the Project is completed and includes the land of 6 Barrymore Road, refer Condition OS.17.

(b) The designation to be altered to remove those conditions no longer required for long term operation and maintenance of the Project.

DC.11

A number of conditions of the designation require works on land that is to be acquired by the NZTA to provide land for a rail corridor to replace existing rail land required for the Project ("replacement rail land"). Any conditions applying to the replacement rail land must be met by the NZTA up until (and if) construction of rail commences on that land. Once construction of rail commences on the replacement rail land, under a new or altered rail designation imposed through a publicly notified process, any conditions relating to the replacement rail land shall cease to have effect. *Advice note: The expectation is that the planning process authorising the construction of such rail will have imposed appropriate conditions to apply in respect of the rail corridor and any mitigation and interface with the Waterview Project.*

DC.12

Unless otherwise provided for by Condition RC.2, if any monitoring required to be undertaken by any party by the designation conditions indicates non-compliance with any designation condition, the NZTA must provide written notice to the Major Infrastructure Team Manager Auckland Council as soon as it becomes aware of same, stating the following:

(a) A description of the non-compliance; and

(b) The measures NZTA proposes for addressing the non-compliance, including any additional mitigation measures.

Subject to the Council's approval, the NZTA must implement the additional mitigation measures to address the

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non-compliance.

DC.13

Pursuant to Section 36(1)(d) of the RMA, the requiring authority is required to pay to Auckland Council any administrative charge for the carrying out by the local authority of its functions in relation to the administration, monitoring, and supervision of designation conditions.

DC.14

The servants of agents of Auckland Council shall be permitted to have access to relevant parts of the Project at all reasonable times for the purpose of carrying out inspections, investigations, tests, measurements and/or to take samples.

Construction Environment Management Plan Conditions

CEMP.1

Except where provided for in Condition CEMP.1A below, the NZTA shall update and finalise the draft Construction Environmental Management Plan (CEMP) including all the Management Plans which form part of the CEMP and are included as appendices, submitted with this application to ensure compliance with the consent and designation conditions imposed by the Board of Inquiry. The CEMP shall be provided to the Major Infrastructure Team Manager, Auckland Council for review at least 20 working days prior to the commencement of works to certify compliance and consistency with the conditions. Construction shall not commence until certification is obtained.

Advice note: For clarity the CEMP will be updated and finalised in accordance with the conditions. Any amendments will be limited to reflecting the requirements of the conditions, specifying personnel, and completing the Environmental Risk Register. Advice note: Particular care must be taken with development and operation of Construction Yard 7. When the CEMP is being updated and finalised, consideration must be given to the contents of the draft SSCEMP prepared for Construction Yard 7 (Row 41, Schedule A) recognising changes required by inclusion of the ventilation stack in this yard.

CEMP.2

The certification process of the CEMP (and its appendices) shall confirm that the CEMP gives effect to the relevant conditions, as well as those matters in CEMP.6, and that it includes details of:

- (a) Staff and contractors' responsibilities;
- (b) Training requirements for employees, sub-contractors and visitors;
- (c) Environmental incident and emergency management;
- (d) Communication and interface procedures (in accordance with the Communication Plan required under Condition PI.2);
- (e) Environmental complaints management (including the procedures required under Condition PI.4);
- (f) Compliance monitoring; (g) Reporting (including detail on the frequency of reporting to the Auckland Council);
- (h) Environmental auditing; and (i) Corrective action.

CEMP.3

The management of key environmental effects associated with the construction phase of the Project is detailed within environmental management plans that are included in the CEMP as appendices. This suite of management plans as shown on Figure CEMP.A comprises:

- (a) Construction Noise and Vibration Management Plan (CNVMP);
- (b) Construction Air Quality Management Plan (CAQMP);
- (c) Erosion and Sediment Control Plan (ESCP);
- (d) Temporary Stormwater Management Plan (TSMP);
- (e) Ecological Management Plan (ECOMP);
- (f) Groundwater Management Plan (GWMP);
- (g) Settlement Effects Management Plan (SEMP);

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- (h) Contaminated Soils Management Plan (CSMP);
- (i) Hazardous Substances Management Plan (HSMP);
- (j) Archaeological Site Management Plan (ASMP);
- (k) Construction Traffic Management Plan (CTMP);
- (l) Concrete Batching and Crushing Plant Management Plan (CBCPMP);
- (m) Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP) (to be prepared in accordance with Condition CEMP.15);
- (n) Waste Management Plan (to be prepared in accordance with Condition CEMP.10); and Temporary Construction Lighting Management Plan (to be prepared in accordance with Condition L.2).

CEMP.4

The CEMP shall be implemented and maintained throughout the entire construction period.

CEMP.5

A copy of the CEMP shall be held on each construction site at all times and be available for inspection on request by the Auckland Council.

CEMP.6

The finalised CEMP shall include specific details on demolition, construction and management of all works associated with the Project. The certification process of the CEMP shall confirm that the CEMP includes details of the following:

- (a) Details of the site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) The location of large notice boards that clearly identify the NZTA and the Project name, together with the name, telephone, email address and address for service of the site or Project manager and the community liaison person;
- (c) An outline construction programme of the work indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- (d) The hours of work, which should reflect the need to ensure that residents enjoy reasonable freedom from noisy or intrusive construction activity in their neighbourhood at night, on Sundays and during public holidays;
- (e) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/ storage of rubbish, storage and unloading of building materials and similar construction activities;
- (f) Location of worker's offices and conveniences (e.g. portaloos);
- (g) Procedures of controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- (h) Methods to stabilise ingress and egress points to construction sites, to the standard required by ARC Technical Publication 90 (Nov 2007);
- (i) Procedures for ensuring that residents within 100m of construction areas or other people whose use of an area may be disrupted by construction works (for example the Te Atatu Boating Club for works on the Whau River) are given notice of the commencement of construction activities and are informed about the expected duration of the works, including potentially through the community liaison person;
- (j) Procedures to be followed to ensure that those working in the vicinity of identified heritage and ecological features are aware of the heritage or ecological values of these features and the steps which need to be taken to meet the conditions applying to work on the site;
- (k) Means of ensuring the safety of the general public;
- (l) Procedures for the community liaison person to receive and respond to complaints about construction activities, including dust and odour from the works;
- (m) Methods of mitigating the local and network wide effects of construction of individual elements of the Project, including measures to ensure that parking of staff vehicles on surrounding streets is restricted;
- (n) All temporary boundary/ security fences shall be maintained in good order, with any graffiti removed as soon as possible;

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- (o) Confirmation of a Project Arborist and completion of a STEM assessment of the preliminary list of Amenity Trees in Schedule E.7 of the AEE to confirm the final Amenity Trees; and
- (p) The process to minimise removal of Amenity Trees, maximise the protection of those retained, undertake relocation of Amenity Trees and replacement planting of specimen trees (in accordance with Conditions LV.10 and ARCH.9)).
- (q) Advice note: For the purposes of CEMP.6(o) and (p), Amenity Tree is defined as a tree or trees that contribute significantly to amenity, taking into account its form, size, health, ecological or historical significance (a preliminary list of these trees is provided in Appendix E.7 of the AEE).

CEMP.7

The layout of the 12 Construction Yards, including associated buildings, fencing and site access shall be developed in accordance with Waterview Connection Project Construction Yards Plans (Refer Schedule A, Row 7). The layout drawings shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to the occupation of the yard, for review and certification that the final layout of the construction yards is in accordance with the conditions. The layout drawings shall incorporate the following:

- (a) The main access to the construction yards to be located as far as practicable from residential dwellings, taking into account site and public safety and environmental constraints, in the locations shown on Waterview Connection Project Construction Yards Drawings (Refer Schedule A, Row 7);
- (b) Noisy construction activities to be located as far as practicable, and preferably no less than 100m, from residential dwellings; Construction of temporary boundary/ security fences to be undertaken in a manner which minimises impacts on existing trees;
- (c) Temporary acoustic fences and visual barriers;
- (d) Temporary buildings greater than 8 metres in height to be located in a position which minimises visual impact on adjacent residential dwellings; and Location of workers' and Project vehicle parking.

CEMP.8

All storage of material and equipment associated with the construction works shall take place within the boundaries of the designation.

CEMP.9

Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the roads during the site preparation and construction phase of the Project. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standards as existed prior to such damage at no cost to the Auckland Council.

CEMP.10

The NZTA shall finalise and implement the Hazardous Substances Management Plan (HSMP), through the CEMP (as per Condition CEMP.1), submitted with this application, prior to works commencing on site. The certification process of the CEMP shall confirm that the HSMP clearly identifies the requirements for proper storage, handling, transport and disposal of hazardous substances during the construction phase of the Project and confirm that there shall be no storage of explosives on the Project site.

CEMP.11

The NZTA shall develop and implement a Waste Management Plan in accordance with the waste management principles, controls and methods set out in the CEMP. The Plan shall be provided to the Major Infrastructure Team Manager, Auckland Council and be implemented throughout the entire construction period.

CEMP.12

The CEMP shall be reviewed by the NZTA at least annually or as a result of a material change to the Project. The review shall take into consideration:

- (a) Compliance with designation and consent conditions;

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- (b) Any changes to construction methods;
- (c) Key changes to roles and responsibilities within the Project;
- (d) Changes in industry best practice standards;
- (e) Changes in legal or other requirements;
- (f) Results of inspections, monitoring, incidents, corrective actions, internal or external assessments; and
- (g) Public complaints. A summary of the review process undertaken shall be kept by the NZTA, provided annually to the Major Infrastructure Team Manager, Auckland Council and made available (with any related data) to the Auckland Council upon request.

CEMP.13

Following the review process (as described in Condition CEMP.12), the CEMP may require updating. Any material change proposed to the CEMP (including appended Management Plans) shall be submitted for approval to the Major Infrastructure Team Manager, Auckland Council at least 10 working days prior to the proposed changes taking effect.

Advice Note: Material change will include amendment to any base information informing the CEMP or any process, procedure or method of the CEMP (such as the environmental constraints map, compliance monitoring process, complaints procedure or mitigation / remedial methods identified) which has the potential to increase adverse effects on a particular value. For clarity changes to personnel and contact schedules do not constitute a material change.

CEMP.14

The CEMP shall include, as an appendix, an Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP). The EISDCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council, and include:

(a) Methods and measures:

- (i) To ensure that the existing high voltage infrastructure can be accessed for maintenance at all reasonable times, or emergency works at all times, during and after construction activities.
 - (ii) To appropriately manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear, to the overhead transmission lines
 - (iii) To ensure that no activity is undertaken during construction that would result in ground vibrations and/or ground instability likely to cause material damage to the transmission lines, including support structures.
 - (iv) To ensure that changes to the drainage patterns and runoff characteristics do not result in adverse effects from stormwater on the foundations for any high voltage transmission line support structure.
- (b) Sufficient detail to confirm that new planting and maintenance of vegetation will comply with the New Zealand Electricity (Hazard from Trees) Regulations 2003, including, but not limited to, the provisions of Schedule (Growth Limit Zones) to those Regulations.
- (c) Sufficient detail to confirm that the works will comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001), including, but not limited to, the provisions of:
- (i) Clause 2.2 with respect to excavations near overhead support structures;
 - (ii) Clause 2.4 with respect to buildings near overhead support structures;
 - (iii) Section 3 with respect to minimum separation between buildings and conductors;
 - (iv) Section 5 with respect to minimum safe distances for the operation of mobile plant; and,
 - (v) Table 4 with respect to minimum safe separation distances between the ground and the overhead conductors.
- (d) Confirmation that Transpower has been provided a copy of the EISDCMP for their review at least 20 working days prior to construction.

Advice note: With respect to clause (c), specific consideration must be given to the height and location of temporary structures (such as Project offices and other construction site facilities) and permanent structures (such as lighting poles, signage, gantries and acoustic barriers).

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CEMP.15

The NZTA will be responsible for all service relocations required for construction of the Project. The NZTA shall liaise with the providers of infrastructure service networks (including, but not limited to water, gas, stormwater, wastewater, power and telecommunications), and private property owners with on-site services to develop methodologies and timing for necessary services relocation required for the Project, with the objective of minimising disruption to the operation of these service networks and onsite services.

Advice note:

(a) It is noted that if separate consents are required for relocations for any services of network utility operators or landowners, such consents will be obtained before construction commences in the relevant area, and any effects of those relocations would be considered at that time. The same applies to any alteration of consents if required.

(b) Network infrastructure owned and operated by Watercare Services is located within the designations. An operating agreement will be developed by the NZTA and Watercare Services which will include appropriate notification and access protocols where works are to be undertaken by either network operator on or adjacent to Watercare Services infrastructure within the designations.

Public Information Conditions

PI.1.

A community liaison person shall be appointed by the NZTA for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the Project. The liaison person's name and contact details shall be made available in the CEMP and on site signage by the NZTA. This person must be reasonably available for on-going consultation on all matters of concern to affected parties arising from the Project.

PI.2.

The NZTA shall prepare and implement a Communications Plan that sets out procedures detailing how the public, Ministry of Social Development, Housing New Zealand Corporation and other organisations representing the particular demographic characteristics of the community (including but not limited to Primary Health Organisations, general practitioners, youth, education organisations, aged care groups and groups representing ethnic and migrant communities) will be communicated with throughout the construction and monitoring periods (as prescribed in the designation and consent conditions). In preparing the Communications Plan, the NZTA will liaise with Auckland Council to access its community liaison databases. The Communications Plan will include details of:

- (a) The site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) In accordance with these Conditions, the database of the key construction activities and monitoring requirements that are the subject of the Communications Plan;
- (c) The database of stakeholders and residents who will be communicated with;
- (d) Communication methods, an assessment of how these methods reach the different audience/ stakeholder groups (including those methods set out in Condition CEMP.6), and detail on when each of these methods will be used (e.g. regular communication or event specific methods);
- (e) The appointed specialist in Environmental and Occupational Medicine, including contact details (as per Condition SO.13);
- (f) Any stakeholder specific communication plans required; and
- (g) Monitoring and review procedures for the Communications Plan. The Communications Plan shall be written in accordance with the external communication procedures set out in the CEMP and provided at least 20 working days prior to construction commencing, to the Major Infrastructure Team Manager, Auckland Council, Working Liaison Group and the Community Liaison Group(s) established by Condition PI.5. The structure of the communication groups set out in these conditions is attached as Figure PI.A.

PI.3.

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At least 15 working days prior to the commencement of construction, and at 15 working day intervals thereafter, or as required depending on the scale of works and effects on the community, advertisements will be placed in the relevant local newspapers and community notice boards (as identified in Condition CEMP.6(b)) detailing the nature of the forthcoming works, the location of the forthcoming works and hours of operation. All advertisements will include reference to a 24 hour toll free complaints telephone number. Where relevant, advertisements will also include but not be limited to details of:

- (a) Any traffic disruptions or controls or changes to property access, pedestrian/ cycle routes and bus stops; and
- (b) Any other construction activities, including night time works, blasting, and structure-borne noise, as identified in the conditions.

PI.4.

The NZTA shall manage, investigate and resolve (as appropriate) all complaints for the duration of the construction works in accordance with the environmental complaints section of the CEMP. The implementation strategy for complaints includes:

- (a) A 24 hour toll free telephone number and email address, which shall be provided to all potentially affected residents and businesses. The number shall be available and answered at all times during the entire duration of the works for the receipt and management of any complaints. A sign containing the contact details shall be located at each site specific work activity;
- (b) The NZTA shall maintain a record of all complaints made to this number, email or any site office, including the full details of the complainant and the nature of the complaint;
- (c) Upon receiving a complaint, within 10 days of complaint receipt, a formal written response will be provided to the complainant and Auckland Council;
- (d) The NZTA shall undertake corrective action where necessary to resolve any problem identified. All action taken and relevant information shall be documented. For the avoidance of doubt, 'where necessary' refers to where the works are not being carried out in accordance with conditions of this designation;
- (e) Where issues and complaints about effects cannot be resolved through the CEMP complaints management process, a meeting shall be held between the NZTA, the complainant and the Auckland Council representative(s) to discuss the complaint and ways in which the issue may be resolved. If parties cannot agree on a resolution, an independent qualified mediator will be appointed, agreeable to all parties and at the shared cost of all parties, to undertake mediation of the dispute or concerns; and (f) All information collected in Conditions PI.4 (b), (c) and (d) shall be detailed in a Construction Compliance Report (including the means by which the complaint was addressed, whether resolution was reached and how the response was carried out) prepared by the NZTA. This Report shall be submitted to the Major Infrastructure Team Manager, Auckland Council on a quarterly basis commencing at the beginning of the works and for the entire duration of construction.

PI.5.

The NZTA shall establish Community Liaison Group(s) at least two months prior to construction commencing in each of the following key construction areas:

- (a) Te Atatu (including the SH16 Causeway)
- (b) Waterview (including works to St Lukes on SH16 and on the Waterview Estuary and Causeway Bridges)
- (c) Owairaka and hold regular meetings (at least three monthly) throughout the construction period and up to 24 months following construction completion relevant to these areas (or less if the members of the Group agree), so that on-going monitoring information can continue to be disseminated.

The Community Liaison Group(s) shall be open to all interested parties within the Project area including, but not limited to the following groups:

- (a) Auckland Council and Auckland Transport;
- (b) Educational facilities within the Project area (including schools, kindergartens, childcare facilities and Unitec Institute of Technology);
- (c) Relevant community/ environmental groups (including but not limited to Friends of Oakley Creek, Star Mills

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Preservation Group, Cycle Action Auckland and representatives from those organisations identified in the Communications Plan (as required by Condition PI.2) and local residents;

- (d) Department of Conservation;
- (e) Local Boards;
- (f) Iwi groups with Mana Whenua;
- (g) Public transport providers; and
- (h) Housing New Zealand Corporation.

Advice note: The purpose of the Community Liaison Group(s) is to provide a regular forum through which information about the Project can be provided to the community, and an opportunity for concerns or issues to be raised.

PI.6.

The Community Liaison Group(s) shall be provided opportunities to review and comment on the following (amongst other things): \

- (a) The Outline Plan of Works detailing designs for the northern and southern ventilation buildings and stacks (the outcomes of this consultation will be reported in accordance with the processes required in DC.8(n) and DC.9(k);
- (b) The Open Space Restoration Plans (as required by Condition OS.3);
- (c) Finalisation and amendment to Urban Design and Landscape Plans (UDL Plans) (as required by Condition LV.1);
- (d) The Oakley Inlet Heritage Plan (as required by Conditions OS.5(b)(i) and ARCH.6);
- (e) The detail of the Oakley Creek restoration (as required by Condition STW.20);
- (f) Publicly available results of environmental monitoring as required by the designation and/or these Consents (e.g. air quality monitoring); and
- (g) The finalisation of the STEM assessment required by CEMP.6(o) and a schedule of trees that are required to be removed for consideration of timber use in heritage projects as required by Condition SO.7.

Advice Note: Attention is drawn to the Vegetation conditions concerning identification and protection of Significant Vegetation and Valued Vegetation.

- (h) Detailed design features of the Te Atatu underpass (e.g. lighting and architectural treatment).

Temporary Traffic Conditions

TT.1

The NZTA shall update and finalise the Construction Traffic Management Plan (CTMP) submitted with this application, in accordance with these conditions, and implement it through the CEMP. In finalising the CTMP, the NZTA shall:

- (a) Provide simulation modelling demonstrations to better understand the effects of construction of the Project on the affected road network;
- (b) Include measures to avoid road closures and restrictions of vehicle, bus, cycle and pedestrian movements;
- (c) Where road closures or restrictions cannot reasonably be avoided the particular vulnerabilities and sensitivities of pedestrian diversions and restricted conditions shall be taken into account in the planning of any closures or restrictions.

TT.2

The CTMP shall require the development of Site Specific Traffic Management Plans (SSTMPs) and their approval by the Traffic Management Project Governance Group (as defined by the CTMP), for each construction activity that may affect traffic or transportation infrastructure and services. The SSTMPs shall be provided to the Traffic Management Coordinator(s) for the relevant Road Controlling Authority at least 10 working days prior to each construction activity.

TT.3

Each SSTMP shall describe the measures that will be undertaken to avoid, remedy or mitigate the local and

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network wide effects of construction of the Project. In particular, the SSTMP shall include the following matters:

- (a) Traffic management measures to address and maintain, traffic capacity, including bus services, at peak traffic periods during weekdays (6:00 to 9:00 and 16:00 to 19:00) and peak traffic periods at weekends (including Te Atatu Road, Great North Road and Richardson Road);
- (b) Methods to manage the effects of traffic during construction including the requirement to detour or divert traffic. These methods shall seek to avoid, remedy or mitigate effects on access to and from businesses and other organisations in the area;
- (c) Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- (d) Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (e.g. intersections/ overbridges) and the use of staging to allow sections of the Project to be opened to the traffic while other sections are still under construction;
- (e) Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks) during construction;
- (f) Any routes where construction traffic movements will be restricted (either for particular times for construction periods);
- (g) Measures to maintain existing vehicle access, as far as practicable, or where the existing property access is to be removed or becomes unsafe as a result of the construction works, measures to provide alternative access arrangements in consultation with the Auckland Council and the affected landowner; and (h) Measures to maintain pedestrian and cycle access with thoroughfare to be maintained on all roads and footpaths adjacent to the construction works, where practicable (e.g. unless provision of such access is severed by the works or such access will become unsafe as a result of the construction works). Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours. (This Condition does not act as a qualification to the commitment to maintain access to open space and education facilities, as required in Condition OS.13).

TT.4

The SSTMPs shall include traffic management measures developed in consultation with the Auckland Transport, Bus and Coach Association and the Auckland Council, to address and maintain, where practicable, existing levels of service for buses particularly at peak periods (6:00 to 9:00 and 16:00 to 19:00) on weekdays.

TT.5

The NZTA shall consult with the Traffic Operations Manager, Auckland Transport with regard to the most appropriate means for providing access on Council roads within and adjacent to the designation. The NZTA shall also coordinate and consult directly with the proponents of any major construction or major traffic generating event occurring concurrently with, and in the vicinity of the Project.

TT.6

The SSTMPs shall include measures developed in consultation with Auckland Transport to, as far as practicable, enable continued public walking and cycling passage along the existing Northwestern Cycleway (between Te Atatu Interchange and St Lukes Interchange) and along Great North Road and the public walkway along Oakley Creek, with any interruptions being as short as feasible.

TT.7

The NZTA shall undertake construction works so as to avoid significant long duration impacts or the full closure of Te Atatu Road for all road users heading to or from the Te Atatu Peninsula and to ensure that access for emergency service vehicles is maintained.

TT.8

The NZTA shall restrict construction truck movements during peak hours (6:00 to 9:00 and 16:00 to 19:00) on weekdays and during the peak periods at the weekends to avoid the following:

- (a) Te Atatu Road Interchange, during both morning and afternoon peak hours

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- (b) Great North Road Interchange, city bound during the morning peak hours
- (c) Great North Road Interchange, west bound onto SH16 and southbound onto Great North road during the afternoon peak. Construction truck movements during these hours shall only be allowed under exceptional circumstances agreed in advance with the Traffic Management Project Governance Group.

TT.9

The NZTA shall maintain at least the existing active traffic lane configuration capacity on SH16, at the Te Atatu Interchange area, Te Atatu Road, Richardson Road and on Great North Road during peak periods being 6:00 to 9:00 and 16:00 to 19:00 on weekdays and during the peak periods on weekends, for the duration of the temporary construction programme.

TT.10

The NZTA shall monitor the impact of construction traffic in terms of traffic speeds and volumes on SH16, Great North Road, Te Atatu Road and Richardson Road throughout the construction period to confirm the expected traffic effects as set out in the *Temporary Traffic Assessment* (Technical Report G.16) submitted with this application.

- (a) This monitoring will be undertaken on a daily, weekly and monthly basis; and
- (b) Monitoring results will be made available to the Traffic Operations Manager, Auckland Transport on request.

TT.11

If monitoring undertaken pursuant to Condition TT.10 indicates that traffic volumes or traffic conditions are significantly different from those expected, the SSTMPs will be reviewed and as appropriate amended to the satisfaction of the Traffic Management Project Governance Group.

Operational Traffic Conditions Integration with Local Road Network

OT.1

The NZTA shall prepare in collaboration with Auckland Transport a Network Integration Plan (NIP) for the Project, or relevant Project phases, to demonstrate how the Project integrates with the existing local road network and with future improvements (identified in the Western Ring Route (Northwest) Network Plan) planned by the Auckland Council. The NIP shall include details of proposed physical works at the interface between the State highway and the local road network, and shall address such matters as pedestrian/ cycle ways, lane configuration, traffic signal co-ordination, signage and provision for buses. In addition, the NIP will address:

- (a) The commitment of the NZTA to progress bus priority measures northbound on Great North Road as part of the reinstatement of Great North Road, as proposed by Auckland Transport and indicated on the Plans *Great North Road Option 1 Proposed Road Marking* (Schedule A, Row 33), subject to the agreement with Auckland Transport;
- (b) How the works committed to by the NZTA for pedestrian and cycle ways, as detailed in the PT and Active Mode Transport Routes Plan Set (Condition DC.1(d) (refer Schedule A, Row 22)), integrate with pedestrian and cycle ways on the wider transport network;
- (c) The Richardson Road Bridge, which shall be designed in general accordance with the structural plans (Schedule A, Row 9) and the commitment of the NZTA to provide a 2m footpath on Richardson Road Bridge, subject to confirming appropriate bus stop locations with Auckland Transport;
- (d) Integration of the works proposed on Te Atatu Road to appropriately transition between the Waterview Connection Project and any projects being progressed by Auckland Transport;
- (e) Opportunities to review traffic signal timings at the Te Atatu Interchange with a view to minimising delays to all users, including cyclists on the SH16 cycle way; and (f) The commitment of the NZTA to provide for cycle “aspects” (cycle signal lights) at the Great North Road Interchange.
- (g) As part of detailed design at the Te Atatu Interchange, the installation of underpasses and/or overbridges, provided however that should some not prove feasible in civil or traffic engineering design terms, the installation of coordinated traffic signal operation for cyclists on the north-western cycleway by means of synchronised cycle lights which seek to reduce delays for cyclists. Works identified in the NIP which are the responsibility of the NZTA, will be undertaken as at the time of construction works for the Project.

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Tunnel Traffic Operation Plan

OT.2

The NZTA shall prepare a Tunnel Traffic Operation Plan in consultation with the Auckland Transport and Auckland Council. The Plan shall include, but not be limited to:

- (a) Procedures for tunnel operational safety, including fire-life safety;
- (b) Procedures for maintenance requirements.
- (c) Procedures for managing traffic to avoid or minimise potential congestion within the tunnel, particularly during peak periods.
- (d) Procedures for the management of traffic during incidents.
- (e) Procedures for the operation of tunnel fans and the management of portal emissions.
- (f) Confirmation that all equipment has been tested and operates in accordance with requirements and specifications. The Tunnel Traffic Operation Plan shall be completed and provided to Auckland Transport and to the Major Infrastructure Team Manager, Auckland Council (in respect of Condition OT.2(e)), prior to operational use of the tunnelled section of SH20.

Advice note: The operation and maintenance of the air quality monitoring equipment inside the tunnel shall follow manufacturer's recommendations.

Noise and Vibration Conditions – Construction

CNV.1

The NZTA shall finalise and implement through the CEMP, a Construction Noise and Vibration Management Plan (CNVMP) throughout the entire construction period of the Project. The CNVMP shall describe the measures adopted to meet:

- (a) the noise criteria set out in Conditions CNV.2 and 3 below;
- (b) the vibration criteria set out in Condition CNV.4 below; or
- (c) where (a) or (b) cannot be met, the process that will be followed to appropriately mitigate noise and vibration effects including methods that may be applied outside the designation.

The CNVMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CNVMP, as a minimum, addresses the following:

- (i) Construction noise and vibration criteria (Conditions CNV.2, CNV.3, and CNV.4);
- (ii) Hours of operation, including times and days when noisy and/or vibration inducing construction activities would occur;
- (iii) Machinery and equipment to be used;
- (iv) Vibration testing of equipment to confirm safe distances to buildings prior to construction;
- (v) Preparation of building condition surveys of critical dwellings prior to, during and after completion of construction works;
- (vi) Roles and responsibilities of personnel on site;
- (vii) Construction operator training procedures;
- (viii) Methods for monitoring and reporting on construction noise and vibration;
- (ix) A hierarchy of mitigation options that will be assessed for the Project noise mitigation, including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved;
- (x) Management schedules containing site specific information;
- (xi) Measures for liaising with and notifying potentially affected receivers of proposed construction activities and the potential for noise and vibration effects, specifically:
 - PPFs located within a horizontal distance of 35 metres of underground excavation works, along the tunnel alignment shall receive prior notification not greater than 7 days (and not less than 24 hours) prior to the commencement of works.
 - Methods for ensuring residents affected by night works (within 100m of the construction site night works, as defined on the maps (refer Schedule A, Row 35) are notified of such works (i.e. any works during the hours of 20:00 to 06:30) at least 5 days prior to the commencement of any such work.
 - The maps showing PPFs to be notified of night works (refer Schedule A, Row 35, shall be reviewed and

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included within the CNVMP. (xii) Methods for receiving and handling complaints about construction noise and vibration;

(xiii) Measures for preventing the occurrence of rogue fly rock, including management of charge weights and face loading procedures, stemming of charge holes and profiling of the face to maintain minimum burden (face cover); (xiv) Investigations on the practicability of implementing permanent noise mitigation works for construction mitigation (as per Condition CNV.7);

(xv) Investigations of the practicability of implementing Building Modification mitigation, as required in accordance with Conditions ON.6 and ON.11, prior to commencement of construction within 100m of the relevant PPFs (including those on the Unitec site); and

(xvi) The process for developing Site Specific Noise Management Plans (SSNMP), in accordance with the SSNMP Flow Chart (refer Schedule A, Row 36), including templates and a certification process for the Major Infrastructure Team Manager, Auckland Council (in accordance with Condition CNV.13) to confirm the process of SSNMP review of noise mitigation options where, the modelled/predicted levels or subsequent actual levels exceed the criteria in Conditions CNV.2 and/or CNV.4.

CNV.2

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction noise (excluding noise from blasting Monday to Saturday inclusive) shall be measured and assessed in accordance with NZS 6803:1999 "Acoustics - Construction Noise" and shall comply with the following criteria:

Note: In Condition CNV.2 (T) means a duration between 15 minutes and 60 minutes, in accordance with NZS6803:1999. (a) Project Construction Noise Criteria: Residential Receivers

Time of Week	Time period	Project Construction Noise Criteria (Long Term Construction) dB		
		Sectors 1-7	Sectors 8-9	All Sectors
		LAeq(T)	LAeq(T)	LAeq(T)
Monday- Saturday	0630-0730	60	45	75
	0730-1800	70	70	85
	1800-2000	65	65	80
	2000-0630	60	45	75
Sundays and Public Holidays	0630-0730	45	45	75
	0730-1800	60	45	85
	1800-2000	45	45	75
	2000-0630	45	45	75

(b) Project Construction Noise Criteria: Commercial and Industrial Receivers

Time Period	Project Construction Noise Criteria (Long Term Construction) dB
	LAeq(T)
0730-1800	70
1800-0730	75

(c) Project Construction Noise Criteria: Internal Structure-borne Noise from tunnelling for Residential Receivers

Time Period	Project Construction Noise Criteria Inside	
0600-2200	35 dB LAeq(T)	All habitable rooms
2200-0600	30 dB LAeq(T)	Bedrooms

(d) Project Construction Noise Criteria: Internal noise for Licensed Educational Facilities

Time Period (School Days)	Project Construction Noise Criteria Inside	
Teaching Hours	45 dB LAeq(T)	Classrooms, library, offices, teaching, laboratories, manual arts, workshops
Teaching Hours	40 dB LAeq(T)	School hall, lecture theatres

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Note: In Condition CNV2(d) "Teaching hours" means: Primary schools and Kindergartens: 9am to 3pm Unitec: 8am to 9pm

CNV.3

Project Construction Noise Criteria: Airblast (excluding Sundays)

Category	Type of Blasting Operations	Peak Sound Pressure Level (LZpeak dB)
Human Comfort Limits		
Sensitive Site	Operations lasting longer than 12 months or more than 20 Blasts	115 dB for 95% blasts per year. 120 dB maximum unless agreement is reached with occupier that a higher limit may apply
Sensitive Site	Operations lasting less than 12 months or less than 20 Blasts	120 dB for 95% blasts per year. 125 dB maximum unless agreement is reached with occupier that a higher limit may apply
Occupied non-sensitive sites such as factories and commercial premises	All blasting	125 dB maximum unless agreement is reached with the occupier that a higher limit may apply. For sites containing equipment sensitive to vibration, the vibration should be kept below manufacturer's specifications of levels that can be shown to adversely affect the equipment operation
Damage Control Limits		
Structures that include masonry, plaster and plasterboard in their construction and also unoccupied structures of reinforced concrete or steel construction	All blasting	133 dB unless agreement is reached with owner that a higher limit may apply.
Service structures such as pipelines, powerlines and cables located above ground	All blasting	Limit to be determined by structural design methodology

CNV.4

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction vibration received by any building shall be measured and assessed in accordance with the German Standard DIN 4150-3:1999 "Structural vibration – Part 3: Effects of vibration on structures", and shall comply with the criteria set out as follows:

Type of Structure	Short-term vibration			Long-term vibration	
	PPV at the foundation at a frequency of				
	1-10 Hz (mm/s)	1-50 Hz (mm/s)	50-100 Hz (mm/s)	PPV at horizontal plane of highest floor (mm/s)	PPV at horizontal plane of highest floor (mm/s)
Commercial/Industrial	20	20-40	40-50	40	10
Residential/School	5	5-15	15-20	15	5
Historic or Sensitive structures	3	3-8	8-10	8	2.5

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CNV.5

Notwithstanding Condition CNV.3 above,

(a) Blasting activities shall be conducted so that 95% of the blasts undertaken (measured over any twenty blasts on the foundation of any building outside the designation boundary) shall produce peak particle velocities not exceeding 5mm/s and 100% of the blasts undertaken shall produce peak particle velocities not exceeding 10mm/s irrespective of the frequency of the blast measured.

(b) Construction activities, which occur within Sectors 1, 6, 8 and 9 which are identified in Technical Report no. G.19 Assessment of Vibration Effects, as being at a 'High Risk' of exceeding the DIN 4150-3:1999 criteria (being excavation, piling, compaction and drilling) shall be conducted so that 95% of the activities undertaken (measured over at least 20 representative samples of the relevant activity on any residential building) shall produce peak particle velocities not exceeding the relevant criterion in DIN 4150-3:1999 and 100% of the activities undertaken shall not exceed 10mm/s irrespective of the frequency of the activity measured.

CNV.6

Blasting shall be undertaken between 09:00h and 17:00h, Monday to Saturday, except that blasting may be undertaken between 09:00h and 17:00h on Sundays where: (a) The blasting is at least 50m inside the Sector 8 tunnel;

(b) The blasting produces peak particle velocities at any residential building not exceeding 0.5mm/s; and

(c) The Project construction noise criteria set out in Condition CNV.2 for Sundays are complied with.

CNV.7

Where practicable, permanent (traffic) noise barriers, required in any Sector as Detailed Mitigation Options for operational noise following completion of the Project (in accordance with Conditions ON.3 to ON.5) shall be erected prior to noise generating construction works commencing. Where this is not practicable, temporary noise mitigation measures shall be implemented in accordance with the CNVMP, prior to noise generating construction works commencing.

CNV.8

Pile driving or pile removal shall not be undertaken at night (i.e. during the hours of 20:00 – 06:30).

CNV.9

The concrete batch plants, rock crushing plants and the loading bays and conveyors for such plants shall be fully enclosed.

CNV.11

For all other properties, if noise and vibration monitoring of the tunnelling works for the Project (in accordance with Condition CNV.1), indicates that the noise or vibration criteria of Conditions CNV.2 or CNV.4 will potentially be exceeded, then the process set out in the CNVMP will be undertaken including Site Specific Noise Management Plans. Where relocation for residents is proposed, notification of such relocation with residents and property owners will be undertaken in accordance with the processes contained in the CNVMP.

CNV.13

SSNMPs (required by Condition CNV.1(xvi)) above, shall be submitted to Major Infrastructure Team Manager, Auckland Council for review and certification at least 7 working days prior to the proposed works commencing. A decision will be provided by the Council within 5 working days of receipt of the SSNMP. Works will not commence until certification is received from the Major Infrastructure Team Manager, Auckland Council. The Council may, at its discretion, waive the requirement for SSNMPs to be submitted to the Council where an SSNMP is required. If monitoring shows that levels specified in a SSNMP are being exceeded, work generating the exceedence will stop and not recommence until further mitigation is implemented in accordance with an amended SSNMP certified by Council. *Advice note: It is accepted that the criteria of CNV.2 and CNV.4 may not be met at all times, but that the NZTA will take all practical steps to achieve compliance, taking into account the hierarchy of mitigation options outlined in Condition CNV.1 (ix).*

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Noise Conditions – Operation

ON.1

For the purposes of Conditions ON.2-ON.14 the following terms will have the following meanings:

- Appendix E – means Appendix E to the Technical Report G.12 ‘Assessment of Operational Noise Effects’ submitted with this application.
- BPO – means Best Practicable Option.
- Building Modification Mitigation – has the same meaning as in NZS 6806:2010.
- Design Year – means a point in time that is 10 years after the opening of the Project to the public
- Emergency Mechanical Services – means mechanical services used for emergency situations only.
- Habitable room – has the same meaning as in NZS 6806:2010.
- Noise Criteria Categories – means groups of preference for time-averaged sound levels established in accordance with NZS 6806:2010 when determining the BPO mitigation option; i.e. Category A - primary noise criterion, Category B - secondary noise criterion and Category C - internal noise criterion.
- NZS 6806:2010 – means NZS 6806:2010 Acoustics – Road-Traffic Noise – New and Altered Roads.
- PPFs – means only the premises and facilities identified in green, yellow or red in Appendix E.
- Structural mitigation – has the same meaning as in NZS 6806:2010.

ON.2

The NZTA shall implement the traffic noise mitigation measures identified as the “Preferred Mitigation Options” in Appendix E as part of the Project, in order to achieve the Noise Criteria Categories indicated in Appendix E (“Identified Categories”), where practicable and subject to Conditions ON.3-ON.11 below.

ON.3

The detailed design of the structural mitigation measures of the “Preferred Mitigation Options” (the Detailed Mitigation Options) shall be undertaken by a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council prior to construction of the Project, and, subject to Condition ON.4, shall include, as a minimum, the following:

- (a) Noise barriers with the location, length and height in general accordance with Appendix E and designed in accordance with the ULDF (Section B) (refer Schedule A, Row 38); and
- (b) A requirement that Open Graded Porous Asphalt (“OGPA”) or equivalent low-noise generating road surface be used on all surface roads throughout the Project, except at the Great North Road Interchange; and
- (c) For the Great North Road Interchange, a requirement that Twin Layer Open Graded Porous Asphalt (“Twin Layer OGPA”) or equivalent low-noise generating road surface be used as shown in Appendix E.

ON.4

Where the design of the Detailed Mitigation Options identifies that it is not practicable to implement a particular structural mitigation measure in the location or of the length or height included in the “Preferred Mitigation Options”, either:

- (a) If the design of the structural mitigation measures could be changed and would still achieve the same Identified Category at all relevant PPFs, and a suitably qualified expert approved by the Major Infrastructure Team Manager, Auckland Council, certifies to the Auckland Council that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measures; or
- (b) If the changed design of the structural mitigation measure would change the Noise Criteria Category at any relevant PPF from Category A or B to Category C but Major Infrastructure Team Manager, Auckland Council confirms that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed structural mitigation measures.

ON.5

The Detailed Mitigation Options shall be implemented prior to completion of construction of the Project.

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ON.6

(a) **Sectors 1 to 8** - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options:

- i. A noise level increase of 3 decibels or more will occur due to road-traffic noise from the Project; and
- ii. Habitable spaces are likely to receive in excess of 45 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year. For those PPFs, following the process set out in Conditions ON.7 to ON.11, it shall be determined which Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces.

(b) **Sector 9** - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options, habitable spaces are likely to receive in excess of 40 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year. For those PPFs, following the process set out in ON.7 and ON.8, it shall be determined if Building Modification Mitigation may be required to achieve 40 dB LAeq inside habitable spaces. For those PPFs where Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces, this shall be implemented following the process set out in ON.9 to ON.11.

ON.7

(a) Prior to commencement of construction of any sector of the Project in the vicinity of a PPF identified under Condition ON.6, the NZTA shall write to the owner of each such building seeking access for the purpose of measuring internal noise levels and assessing the existing building envelope in relation to noise reduction performance.

(b) If the owner(s) of the building approve the NZTA's access to the property within 12 months of the date of the NZTA's letter (sent pursuant to Condition ON.7(a)), then no more than six months prior to commencement of construction in any sector of the Project, the NZTA shall instruct a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council, to visit the building to measure internal noise levels and assess the existing building envelope in relation to noise reduction performance.

ON.8

Where a PPF identified under Condition ON.6 is identified, the NZTA shall be deemed to have complied with Condition ON.7 above where:

- (a) The NZTA (through its acoustics specialist) has visited the building; or
- (b) The owner(s) of the building approved the NZTA's access, but the NZTA could not gain entry for some reason after repeated attempts; or
- (c) The owner(s) of the building did not approve the NZTA's access to the property within the time period set out in Condition ON.7(b) (including where the owner(s) did not respond to the NZTA's letter (sent pursuant to Condition ON.7(a) within that period); or
- (d) The owner(s) of the building cannot, after reasonable enquiry, be found prior to completion of construction of the Project. If any of (b) to (d) above apply to a particular Building, the NZTA shall not be required to implement any Building Modification Mitigation at that Building

ON.9

Subject to Condition ON.8, within 6 months of the assessment required under Condition ON.7(b), the NZTA shall give written notice to the owner of each PPF identified under Condition ON.6:

- (a) Advising of the options available for Building Modification Mitigation to the building; and
- (b) Advising that the owner has three months within which to decide whether to accept Building Modification Mitigation for the building, and if the NZTA has advised the owner that more than one options for building modification mitigation is available, to advise which of those options the owner prefers.

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ON.10

Once an agreement on Building Modification Mitigation is reached between the NZTA and the owner of an affected building, the mitigation shall be implemented (including the NZTA undertaking any required third party authorisation) in a reasonable and practical timeframe agreed between the NZTA and the owner. Building Modification Mitigation shall be to the standard specified in section 8.3.2 of NZS 6806:2010. *Advice Note: The NZTA will be responsible for obtaining any necessary building consents or other approvals to undertake the above Building Modification Mitigation.*

ON.11

Subject to Condition ON.8, where Building Modification Mitigation is required, the NZTA shall be deemed to have complied with Condition ON.10 above where:

- (a) The NZTA has completed Building Modification Mitigation to the Building; or
- (b) The owner(s) of the Building did not accept the NZTA's offer to implement Building Modification Mitigation prior to the expiry of the timeframe stated in Condition ON.9(b) above (including where the owner(s) did not respond to the Requiring Authority within that period); or
- (c) The owner of the Building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.

ON.12

The NZTA shall manage and maintain the Detailed Mitigation Options to ensure that, those mitigation works are maintained to retain their noise attenuation performance indefinitely

ON.13

All mechanical services associated with the general operation of the tunnels shall be designed such that noise emissions do not exceed the following noise limits, when measured at or within the boundary of any residential-zoned site:

Monday to Saturday	7am to 10pm	50 dB LAeq(15 min)
Sundays & Public Holidays	9am to 6pm	50 dB LAeq(15 min)
At all other times		40 dB L Aeq(15 min) 75 dB LAmax

ON.14

(a) Prior to construction, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake a minimum of 8 (eight) representative measurements of ambient noise levels. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(b) Following completion of the work, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake traffic noise monitoring at the same sites surveyed in Condition ON.14 (a) above, within 2 to 3 years following completion of construction of the Project. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(c) The results of the noise level monitoring in accordance with ON.14(b) above shall be used to verify the computer noise model of the Detailed Mitigation Option. A report describing the findings of the verification shall be provided to the Major Infrastructure Team Manager, Auckland Council within one month of it being completed.

Vibration Conditions - Operation

OV.1

Existing ambient vibration levels shall be measured at critical locations nominated by the NZTA, and submitted to the Major Infrastructure Team Manager, Auckland Council for approval prior to the commencement of works. These baseline measurements will establish pre-Project vibration levels for comparison with future vibration levels.

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Air Quality Conditions – Construction GENERAL CONDITIONS

AQ.1.

The NZTA shall finalise and implement, through the CEMP, the Construction Air Quality Management Plan (CAQMP) and Concrete Batching and Crushing Management Plan (CBCMP) submitted with the application. The CAQMP and CBCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CAQMP and CBCMP includes the following details:

- (a) Daily visual monitoring of dust emissions;
- (b) Procedures for responding to process malfunctions and accidental dust discharges;
- (c) Criteria, including consideration of weather conditions and procedures for use of water sprays on stockpiles and operational areas of the site;
- (d) Continuous monitoring of Total Suspended Particulate (TSP) concentrations and meteorology;
- (e) Monitoring of the times of detectable odour emissions from the ground;
- (f) Procedures for responding to discharges of odour (including in the event of excavation of contaminated sites);
- (g) Monitoring of construction vehicle maintenance;
- (h) Process equipment inspection, maintenance, monitoring and recording, including baghouses, pressure relief valves and high level alarms;
- (i) Complaints investigation, monitoring and reporting; and
- (j) The identification of staff and contractors' responsibilities.

AQ.2.

The NZTA shall review the CAQMP and CBCMP at least annually and as a result of any material change to the Project. Any consequential changes will be undertaken in accordance with Condition CEMP.13.

AQ.3.

All construction activities shall be operated, maintained, supervised, monitored and controlled at all times so that all emissions authorised by this consent are maintained at the minimum practicable level.

AQ.4.

The NZTA shall undertake construction activities in accordance with the CEMP, CAQMP and CBCMP, such that:

- (a) Hard surfaced areas of the construction yards and active construction areas are vacuum swept or scraped down at least twice each week and additionally as reasonably required;
- (b) All unsealed areas of the site used for vehicle movement are maintained visibly damp by the use of water sprays or a water cart during weather conditions where the potential for dust emissions exist;
- (c) Wheel wash systems are installed at all truck exits from unpaved areas of the site onto public roads are used for all trucks that depart from the site;
- (d) All stockpiles are constructed and positioned to minimise the potential for dust emissions. The surfaces of all stockpiles are maintained adequately damp at all times to minimise the release of particulate matter;
- (e) Belt conveyors for moving dry materials are fitted with water sprays or enclosed to minimise wind entrainment of dust. Where installed, water suppression is used whenever the conveyors are used for moving dry materials.

AQ.5.

Unless expressly provided for by conditions of this consent, there shall be no odour, dust or fumes beyond the site boundary caused by discharges from the site which, in the opinion of an enforcement officer, is noxious, offensive or objectionable.

AQ.6.

All offensive or objectionable dust beyond the boundary of the site caused as a result of processes on the site shall be mitigated forthwith in accordance with the requirements of the Construction Air Quality Management

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Plan.

AQ.7.

Beyond the site boundary there shall be no hazardous air pollutant caused by discharges from the site that causes, or is likely to cause, adverse effects on human health, environment or property.

AQ.8

No discharges from any activity on site shall give rise to visible emissions, other than water vapour, to an extent which, in the opinion of an enforcement officer, is noxious, dangerous, offensive or objectionable.

MONITORING

AQ.14

The NZTA shall undertake visual inspections of dust emissions as follows:

(a) Visual inspections of all active construction areas at least three times daily during October to April inclusive, whenever there are construction activities. The results of visual monitoring shall be logged.

(b) Visual inspections of dust emissions from the concrete batching plants and rock crushing plant shall be undertaken daily while the plant is operating

AQ.15

The operation of water sprays shall be checked at least once each day.

AQ.16

Continuous monitoring of TSP concentrations shall be undertaken in at least one location in Sector 1, in at least two locations in Sectors 5 and/or 7, and in at least two locations in Sector 9 while construction activities are being undertaken in those Sectors. The locations of continuous TSP monitors shall, as far as practicable, comply with the requirements of AS/NZ 3580.1.1:2007 Method for Sampling and Analysis of Ambient Air – Guide to Siting Air Monitoring Equipment.

AQ.17

Continuous monitoring of wind speed and direction shall be undertaken in at least one location in each of Sector 1, Sectors 5 or 7 and Sector 9 while construction activities are being undertaken in those Sectors. The locations of wind speed and direction monitors shall, as far as practicable, comply with the requirements of AS 2923:1987 Ambient Air – Guide for the Measurement of Horizontal Wind for Air Quality Applications and be at the same locations as the TSP monitors required by Condition AQ.16.

AQ.18

The locations and types of continuous TSP and meteorological monitoring sites required by Conditions AQ.16 and AQ.17 shall be selected by the NZTA in consultation with the Auckland Council. In the event of a failure of the monitoring equipment, this shall be repaired or replaced within 2 working days.

REPORTING

AQ.19

All records, logs, monitoring and test results that are required by the conditions of this consent shall be made available on request, during operating hours, to an Auckland Council enforcement officer and shall be kept for the duration of the consent.

AQ.20

If the monitoring required by Condition AQ.16 shows that concentrations of TSP in ambient air at or beyond the boundary of the site exceeds 80 micrograms/m³ as a 24-hour average, the NZTA shall undertake an investigation into the cause of the exceedence in accordance with the CAQMP.

AQ.21

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A report into the outcome of any investigation required by Condition AQ.20 shall be forwarded to the Major Infrastructure Team Manager, Auckland Council within 10 working days of the exceedence. If the cause of the exceedence is identified as being an activity undertaken on the site, the report shall also identify additional measures to be taken to reduce discharges of particulate matter into air from that activity.

AQ.22

Log books shall be maintained that record all relevant information that is required to demonstrate compliance with the conditions of this consent. This information shall include, but is not limited to:

- (a) Visual assessments of any dust emissions from the site and the source;
- (b) Any dust control equipment malfunction and any remedial action taken;
- (c) When a water cart was used and, if so, the frequency of use and the volume of water used (including identification of location);
- (d) All relevant details of the TSP and meteorological monitoring required by Conditions AQ.16 and AQ.17;
- (e) Any additional dust control measures undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

AQ.23

The NZTA shall maintain a log of any complaints received relating to air quality. Details of each complaint received shall be forwarded to the Major Infrastructure Team Manager, Auckland Council within 24 hours of receipt of the complaint. The log shall include any complaints lodged with the Auckland Council where the Council has informed the NZTA of the complaint. The log shall include, but not be limited to the following:

- (a) The date, time, location and nature of the complaint;
- (b) Weather conditions at the time of the complaint (including approximate wind speed, wind direction, cloud cover);
- (c) Any possible other contributing factors (such as a fire, smoky vehicle, a local chimney emission, etc.);
- (d) The name, phone number and address of the complainant (unless the complainant elects not to supply these details);
- (e) Any remedial actions undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

Operational Air Quality Conditions

OA.1

The vents used to discharge emissions in the tunnels shall discharge vertically into air at a height of 15m, as follows:

- (a) The northern ventilation stack will be at a height of 15m. This height shall be calculated from the lowest existing ground level along the Great North Road boundary, adjacent to the ventilation stack; and
- (b) The southern ventilation stack will be at a height of 15m calculated from the post-construction ground level of the Alan Wood Reserve averaged at a distance of 10m from the exterior walls the ventilation stack location. and shall not be impeded by any obstruction that may in the opinion of the Peer Review Panel (Condition OA. 7) decrease the vertical efflux velocity (in other words, the average velocity of material emitted into the atmosphere).

OA.2

Prior to the tunnels becoming operational, the NZTA shall establish two ambient air quality monitoring stations and one portal air quality monitoring station. The location and types of these monitoring stations shall be selected by the NZTA in consultation with the Auckland Council and Peer Review Panel (Condition OA.7), providing that one ambient monitoring station will be located within the Waterview Primary School (subject to agreement by the School). Ambient air quality shall be monitored continuously in real time, to monitor potential effects associated with the operation of the ventilation system from the tunnels. Ambient monitoring shall include fine particulates (PM10 and PM2.5) and nitrogen dioxide. Portal monitoring shall include nitrogen dioxide. Results shall be compared with the relevant National Environmental Standards for air quality and Auckland Regional air quality targets (as identified in Chapter 4 of the Auckland Regional Plan: Air, Land and

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Water, 2010). Monitoring shall be undertaken at each site until the Peer Review Panel recommends that monitoring is no longer necessary. The locations, operation and maintenance schedules of the continuous monitors shall, as far as practicable, comply with the requirements of AS/NZ 3580.1.1: 2007 Method for Sampling and Analysis of Ambient Air – Guide to Siting Air Monitoring Equipment, and with methods specified in the National Environment Standards.

OA.3

Continuous monitoring of wind speed and direction shall be undertaken at each ambient air quality monitoring location as required by Condition OA.2. The locations of wind speed and direction monitors shall, as far as practicable, comply with the requirements of AS 2923:1987 Ambient Air – Guide for the Measurement of Horizontal Wind for Air Quality Applications.

OA.4

For the first 12 months of tunnel operation, the results of the ambient air quality monitoring shall be reported via validated reports and issued for information via the Project website (monthly). Following this period, and for a period of at least 12 months, reporting shall take place quarterly as follows: Quarter 1 (December to February) by 31 March, Quarter 2 (March to May) by 30 June, Quarter 3 (June to August) by 30 September and Quarter 4 (September to November) by 31 December.

OA.5

If the monitoring required by Condition OA.2 shows that concentrations of contaminants in ambient air at the monitoring locations exceeds the relevant National Environmental Standards for air quality, or Regional Air Quality Targets (as identified in Chapter 4 of the Auckland Regional Plan: Air, Land and Water), the NZTA shall undertake an investigation into the cause of the exceedence and report this to the Peer Review Panel (Condition OA.7) and the Major Infrastructure Team Manager, Auckland Council.

OA.6

The air quality monitoring shall be undertaken in general accordance with the Operational Air Quality Management Procedure (Appendix O of *Technical Report G.1 Assessment of Air Quality Effects*) submitted with this application.

OA.7

A Peer Review Panel shall be appointed by NZTA with the agreement of Major Infrastructure Team Manager, Auckland Council for the purpose of reviewing the ambient air quality monitoring programme and results. The Peer Review Panel shall consist of two independent experts in air quality with experience in ambient air quality monitoring and emissions from motor vehicles. The Peer Review Panel shall review all ambient monitoring, relevant traffic data and tunnel emissions and provide a summary report including any interpretation and recommendations to NZTA, Auckland Council and the Community Liaison Group(s) within 6 months of the tunnels becoming operational and annually thereafter.

Portal Emissions

OA.8

The tunnel ventilation system shall be designed and operated to ensure that any air emitted from the tunnel portals does not cause the concentration of nitrogen dioxide (NO₂) in ambient air to exceed 200 micrograms per cubic metre, expressed as a rolling 1 hour average, at any point beyond the designation boundary that borders an air pollution sensitive land use.

Advice Note: The above standard reflects the National Environmental Standard for Nitrogen Dioxide (NO₂) concentration in ambient air.

Landscape and Visual Conditions

LV.1.

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The Urban Design and Landscape Plans (UDL Plans) (Plan Set F.16, refer Schedule A, Row 17) shall be reviewed and revised in accordance with the conditions and submitted to the Major Infrastructure Team Manager, Auckland Council for certification that they comply with the conditions of the consents/ designation prior to construction of the relevant Project stage, at least 20 working days prior to the commencement of construction. The UDL Plans shall be updated to: (a) Reflect relevant details from the PT and Active Mode Transport Routes Plan Set (Schedule A, Row 23); (b) Remove the playing field at Waterview Reserve; (c) Confirm the reconfigured bund design at Alwyn Avenue (Schedule A, Row 42); (d) Reflect landscaping required in relation to the northern vent stack in Waterview Glades pursuant to Conditions DC.8.

LV.2.

In certifying the UDL Plans, prepared in accordance with Condition LV.1, the Major Infrastructure Team Manager, Auckland Council shall be satisfied the UDL plans includes: (a) The visual mitigation of infrastructure as detailed in Section B of the UDLF (refer Schedule A, Row 38). (b) Incorporation of art or art through design of structures, particularly as it relates to noise barriers and the Great North Road Interchange piers and ramps (Refer to clauses (g) and (i) below). (c) Planting to screen houses and noise walls (including cross section details); (d) Planting along the corridor on Traherne Island, in accordance with these conditions and the Ecological Management Plan; (e) Specimen planting on the Great North Road Interchange and the Te Atatu Road Interchange; (f) Specimen planting at the tunnel portals (except where this is within the OPW area); (g) Finalisation of the noise barriers (as required by Condition ON.3(a)) in accordance with the design principles for noise walls (refer Schedule A, Row 32); (h) Delineation of the final areas of the Open Space Restoration Plans in accordance with the Open Space Restoration Plans (Schedule A, Row 30), and reference that all works within the Open Space Restoration Plan Areas are subject to Conditions OS.1 to OS.8; (i) Oakley Inlet Heritage Plan, prepared in accordance with Conditions OS.5, and in particular, consideration shall be given to the design treatment of the Great North Road Interchange piers and ramps to take into consideration the impact of the structures on the visual quality of the open space beneath; (j) Ecological Management Plan, prepared in accordance with Conditions V.1, A.1, H.1, F.1 and M.1; (k) Western Ring Route: Maioro Street Interchange and Waterview Connection - Oakley Creek Rehabilitation and Restoration Guidelines (Boffa Miskell, 2010); and (l) Details of artworks or art through design of structures within the Project (e.g. design detailing of median barriers, bridge railings, safety barriers, piers, retaining walls and tunnel portals), in accordance with Section B of the Urban Landscape and Design Framework (UDLF June 2010) (refer Schedule A, Row 38) and F.8: Plans of Structures and Architectural Features, but excluding the north and south ventilation buildings, plans sections and elevations.

LV.3.

The NZTA shall have implemented the UDL Plans within 6 months of practical completion of construction of the Project.

LV.4.

The landscaping shall be implemented in accordance with the UDL Plans within the first planting season following the completion of the construction works, provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained for a period of 10 years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping shall be implemented in accordance with this Condition for each stage unless subsequent construction staging requires use of the proposed landscaping area. *Advice note: On-going control and management of the landscaping within the designation is the responsibility of the NZTA.*

LV.5.

The NZTA shall implement the UDL Plans taking into account the pest plant management guidelines detailed in the Ecological Management Plan (as required by Condition CEMP.3).

LV.8.

The NZTA shall ensure that any areas within the designation affected by construction activities have sub-soil

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rehabilitated and top-soil replaced so that the hydrological response including the volume of stormwater runoff generated is as close as practicable to the predevelopment situation. The methodologies to achieve this shall be documented and provided to the Major Infrastructure Team Manager, Auckland Council with the revised UDL Plans submitted pursuant to Condition LV.1.

LV.10.

The UDL Plans shall identify all Amenity Trees required to be removed over the construction of the Project (in accordance with Condition CEMP.6(o) and (p)). Replacement trees shall be sized at 160Lt and will either draw from the Coastal Forest or Basalt Rock Forest ecotypes listed in the Landscape Planting Schedules (provided in F.16, refer Schedule A, 17) or an agreed alternative species (confirmed by Major Infrastructure Team Manager, Auckland Council), except in the case of those trees subject to Condition ARCH.9. *Advice note: This does not necessarily apply to any replacement planting in the Open Space Restoration Plan areas, which will be confirmed in approval from Auckland Council and will be in accordance with relevant Auckland Council Park guidelines (see Condition OS.4).*

Open Space Conditions

OS.1

For the purposes of Conditions OS.2 – OS.15 the following terms will have the following meanings:

- Full size – means a football (soccer) field with the dimensions 100m x 60m.
- Half size – means a football (soccer) field with the dimensions less than 100m x 60m but no smaller than 50m x 30m.
- Toddler – means a playground specifically designed for children between the ages of 1 and 3
- Junior – means a playground specifically designed for children between the ages of 4 and 8
- Youth – means a playground specifically designed for children between the ages of 9 – 14 years
- Open Space Restoration Plans – means those plans listed in Schedule A, row 30.
- Open for Play - means the sports field has a level surface and a dense weed-free sward of mature grass, goal posts and lighting if indicated in the Open Space Restoration Plans approved by the Auckland Council.
- Sand - carpeted - means the field has been levelled and irrigated, and conventional sub-soil drains, slit drains and a 50mm deep sand carpet have been installed. The field has been stolonised with a warm season grass such as kikuyu or couch.
- Auckland Council Park Guidelines – means the document by Auckland City Council titled “Furnishing our parks: design guidelines for park furniture”, dated September 2009
- Park furniture – means those items described in the Auckland Council Park Guidelines
- AS2560 – means the Australia New Zealand Standard for lighting of sports fields.
- AS4282 – means the Australia New Zealand Standard for the control of the obtrusive effects of outdoor lighting.
- Way finding exercise – means a process for determining the number, size, location and content of signage to provide clear direction for all park users.
- Skate-park for the purpose of conditions OS.5(b)(iii) means a skate park with a size of approximately 1,400 sq. m. (generally 25 wide x 55m long), incorporating a range of design variations. Suitable for beginners (providing training facilities to develop their skills) but primarily catering for intermediate to advanced level skaters.
- BMX bike track for the purpose of condition OS.5(b)(iii) means a low maintenance, non-competition BMX bike track, incorporating a range of design variations. Primarily catering for beginner and intermediate riders.

OS.2

The NZTA shall prepare Open Space Restoration Plans to outline how the open space replacement land, as defined in the Open Space Restoration Plan Areas (Schedule A, Row 30) (including land occupied during construction) will be reinstated or replaced on completion of construction, for handover to Auckland Council and those areas identified in Condition DC.1A(f) and RC.3(f). Following the consultation detailed in Condition OS.3 below, the Open Space Restoration Plans listed in Condition OS.3(a) to (f) shall be submitted within 12 months

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of construction commencing in the specific areas affecting the reserves or within 12 months of occupation of open space, which ever is the sooner, to the Major Infrastructure Team Manager, Auckland Council.

Advice note: Conditions OS.9 and OS.10 require certain works to be provided prior to occupation of Construction Yards 6 and 7 (Waterview Reserve) and Construction Yards 9- 12 (Alan Wood Reserve) and this may impact on the timing of Open Space Restoration Plans for these areas.

OS.3

The Open Space Restoration Plans shall be prepared in consultation with the Auckland Council, Iwi, the Community Liaison Groups (Condition PI.5), NZHPT, and other recreation users and other user representatives identified by Auckland Council. The Open Space Restoration Plans shall comprise the following specific plans:

- (a) Waterview Reserve Restoration Plan;
- (b) Alan Wood Restoration Plan (including Hendon Park and 25 Valonia Street);
- (c) Oakley Creek Esplanade (Waterview Glades) Restoration Plan;
- (d) Jack Colvin Park Restoration Plan;
- (e) Rosebank Domain Restoration Plan;
- (f) Harbourview-Orangihina Reserve Restoration Plan.
- (g) The areas of the Open Space Restoration Plans are shown in the Open Space Restoration Plan Areas (Refer Schedule A, Row 30).

OS.4

All Open Space Restoration Plans shall be prepared in general accordance with the UDL Plans (Schedule A, Row 30), and shall include, but not be limited to, the following:

- (a) Details of, including the location, of any artworks and educational signage, and directional signage. In the case of Alan Wood Reserve, Waterview Reserve and Oakley Creek Esplanade (Waterview Glade) this shall include a "way-finding exercise" in accordance with Auckland Council practice, to determine all signage to be provided; and
- (b) Evidence of integration with the Oakley Creek restoration works required under Conditions STW.5, STW.20, V.16 and LV.2(i); and a summary of the consultation undertaken (as required by Condition OS.3) and the response received; and
- (c) Details of any vehicle access through the reserves and parking areas; and
- (d) Park furniture (including quantity and quality) to be provided in accordance with relevant Auckland Council Park guidelines, except for: (i) The riparian area within Alan Wood Reserve where the only furniture required is a maximum of 10 seats; and (ii) Oakley Creek Esplanade (Waterview Glades) where the only furniture required is replacement of 3 existing seats; and
- (e) The inclusion and integration of the design for all pedestrian and cycleway linkages and facilities detailed on the PT and Active Mode Transport Routes (Schedule A, Row 22). The design integration shall be in accordance with CPTED principles;
- (f) Implementation programme, including sequencing of works and completion dates. This shall include works that could be implemented prior to practical completion of construction works or are outside the Project area (e.g. upgrading of the Waterview Esplanade Reserve set out in Condition OS.5(b)(vii);
- (g) Implementation programmes for planting and field reinstatement. This shall include:
 - (i) A 12 month maintenance period for built structures and soft landscaping; and
 - (ii) For any landscaping accessible to horses an assessment to demonstrate that the planting schedule is not toxic to horses and that consultation on this has been undertaken with the Te Atatu Pony Club;
- (h) The specific requirements for each Restoration Plan area as set out in Conditions OS.5 – OS.8;
- (i) Documentation of consultation undertaken required by Condition OS.3 and the views and concerns expressed by this consultation and the written approval of the Manager Community and Cultural Policy.

Advice note: For the avoidance of doubt provision of (a) to (h) above will require elevations, cross sections, engineering drawings and written documentation to supplement the UDL Plans. It is also noted that the UDL Plans identify landscaping, planting and other works beyond the Open Space Restoration Plans (refer

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Conditions LV.1 – LV.6, LV.9 and LV.10). Educational signs and artworks are particularly encouraged.

Alan Wood Reserve (Specific)

OS.6

The Alan Wood Reserve Open Space Restoration Plan, shall be prepared in general accordance with the detail shown for the Open Space Restoration Areas on the UDL Plans (Refer Schedule A, Row 17), the following shall be provided:

(a) Equivalent reinstatement of the following recreational facilities:

(i) Two “open for play” full sized sand-carpeted football (soccer) fields at Valonia Street with artificial lighting (for training purposes to AS2560 and AS4282), associated changing facilities/ ablution block, and associated parking requirements;

(ii) If a financial payment in lieu has not been made under Condition OS.9(b) then one half size football field for training purposes at Alan Wood Reserve;

(iii) One half basketball court; and

(iv) One volleyball court; Except that:

(v) There shall be a general 10m clear space for spectators around the fields and field layout shall be maximised to provide a continuous playing surface (e.g. for summer sports such as softball and cricket) (e.g. by altering drainage and the detailed design for the stream realignment of Oakley Creek).

(b) Other Restoration and Enhancement:

(i) An extension to the pedestrian / cycle access from the Pedestrian/Cycleway to Methuen Road through the existing park access at 174 Methuen Road, following a full CPTED review and response;

(ii) Details of proposed pedestrian/ cycle access within and to/from the reserve areas (including Hendon Park Bridge) (Refer Schedule A, Row 9) including a full CPTED review and response;

(iii) Separation of pedestrian access within the reserve (e.g. linking the carpark to the fields) from the SH20 Cycleway (Refer Schedule A, Row 17);

(iv) Subject to obtaining necessary resource consents and Auckland Council landowner approval, provision of a skate-park;

(v) Design and provision of the Management Plan elements identified on UDL Plan 218 (Refer Schedule A, Row 17) (with the exception of M3 and M7) and notation M2 on Plan 219, subject to approval from Auckland Council;

(vi) Design and provision of the Management Plan elements identified on UDL Plan 220 (noted M1 through to M5), on UDL Plan 221 (Refer Schedule A, Row 17) (noted as M1 – M3, M7 - M10, M12 and M13) and on UDL Plan 222 (noted M1 and M2 and M4 and M6), subject to any necessary resource consents and landowner approval from Auckland Council; and (vii) Landscape planting as provided on UDL Plan 223 (Refer Schedule A, Row 17) (noted as M1 and M3), subject to landowner approval from Auckland Council. *Advice Note: Condition OS.6(a) needs to be read in conjunction with Condition OS.9(a) as decisions made prior to construction may be relevant to the post construction Open Space Restoration Plan.*

Construction Works

OS.9

At least 20 working days prior to the occupation of the construction areas within Alan Wood Reserve, the NZTA shall, in consultation and agreement with the Auckland Council, provide:

(a) Three soccer playing fields, maintaining as a minimum the existing dimensions of the playing fields in Alan Wood Reserve that are open for play, including associated access, ablution block and carparking. If the two fields at Valonia Reserve can be provided as an early work these will be done to the standard set in OS.6(a); or

(b) An equivalent financial payment in lieu (or part thereof) to the Auckland Council, which has been paid in full at least 20 working days prior to occupation of Construction Yards 9 - 12; and (c) A half basketball court and volleyball court.

OS.9a

Prior to occupation of Construction Yards 8, 9 and 10, access to the following areas will be maintained or provided (as shown as Area A on the Accessible Open Space in Sector 9 during Construction Plan (Refer Schedule A, Row 29)):

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- (a) Approximately 4.6ha of existing passive open space from Methuen Road to New North Road.
- (b) Approximately 2.2ha of newly established active recreation open space and existing passive open space, in the vicinity of the Valonia Street Reserve.

OS.9b

Following the stream realignment, a passive recreation linkage (including a gravel walkway) between the above open spaces will be provided, establishing a continuous open space linkage from Valonia Street to New North Road (identified as Area B on the Accessible Open Space in Sector 9 During Construction Plan (see Schedule A, Row 29).

OS.12

The "Hendon Park Bridge" to the Valonia Reserve area shall be provided within three months of completion of construction works on the SH20 carriageway (up to chainage 1300) and the final stormwater pond proposed at Valonia Street.

OS.13

During construction, the NZTA shall maintain pedestrian accessways to all open space available for public use during construction and education facilities where access is affected by the works, including any public access that crosses private land. Such access shall be safe, clearly identifiable, provide appropriate surfacing and seek to minimise significant detours. The access shall be of a same or similar standard as that disrupted and will be provided and maintained by the NZTA.

Advice note: This specifically includes the existing pedestrian access that provides a connection to the crossing over Oakley Creek between 1510 Great North Road and Unitec Mt Albert Campus.

OS.14

Where access to Oakley Creek will be disrupted for more than 3 consecutive days, or over a weekend, or there is no provision for a walkway detour, the Community Liaison Person shall notify the Friends of Oakley Creek at least 20 working days in advance of any planned disruption (except where the disruption is of shorter duration, or an emergency situation).

OS.17

(a) The NZTA will facilitate the Crown making the property at 6 Barrymore Road (with the exception of land required for the ongoing operation and maintenance of the State Highway or the future rail corridor land) available to Auckland Council for reserve. Any transfer to Auckland Council would be subject to the agreement of both Land Information New Zealand and Council, and only occur after the designation footprint is withdrawn to the operational requirements of the Project (as per Condition DC.10).

(b) If the transfer to Auckland Council does not occur within 12 months of commencement of operations of the motorway in Sector 9, the NZTA shall make a financial payment in lieu of that transfer to Auckland Council in the amount of \$1.13 million, for the same purposes as the payment described in condition SO.14, but not further conditional in the manner provided by SO.14(d).

(c) The purpose of the transfer under (a) or the financial payment under (b) is to mitigate significant adverse effects on passive open space and reserves in Sector 9 (other mitigation having been held by the Board of Inquiry not to be adequate).

Advice Note: The disposal of surplus Crown land is subject to statutory processes (including the Public Works Act) which are managed by Land Information New Zealand and not the NZTA directly.

Social Conditions

SO.1

In addition to the Community Liaison Groups established pursuant to Condition PI.5, the NZTA shall establish an Education Liaison Group (including representatives from local schools, kindergartens, childcare facilities,

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Unitec Institute of Technology, the Ministry of Education and Housing New Zealand Corporation), to provide a forum through which:

- (a) Relevant monitoring data can be provided (e.g. air quality monitoring);
- (b) Notice can be provided of when particularly noisy activities will occur in close proximity to schools and education facilities, to enable the opportunity to identify any potential conflict with particular sensitive periods, and the requirement for specific mitigation strategies (e.g. rescheduling of construction activities where practicable); (c) Particular concerns can be raised by educational facilities or parents, discussed and potentially addressed;
- (d) Notice can be provided of potential construction impacts on school transport routes (including pedestrian/cycle access) to enable the opportunity to identify specific mitigation preferences of the education facilities (e.g. any detour routes) and to enable these facilities to appropriately inform students and/or parents; and
- (e) Learning and teaching opportunities for educational facilities to participate in Project works (e.g. planting or artworks). The Education Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period. The Education Liaison Group shall continue to meet for at least 12 months following the completion of the Project (or less if the members of the Education Liaison Group agree), so that ongoing monitoring information can continue to be disseminated.

SO.2

In addition to Condition SO.1(b) above, where noisy construction activities (that are projected to exceed the Noise Criteria in the CNVMP) are proposed in close proximity or adjacent to schools/ childcare centres, the NZTA shall, when preparing their SSNMP (in accordance with Condition CNV.1) give specific consideration to options to carry out these works outside school hours or during school holidays as a mitigation option.

SO.6

In addition to the Community Liaison Group established pursuant to Condition PI.5, the NZTA shall establish a Working Liaison Group (WLG) inviting the following:

- (a) Auckland Council;
- (b) Housing New Zealand Corporation;
- (c) Te Kawerau Iwi Tribal Authority;
- (d) Ngati Whatua o Orakei;
- (e) KiwiRail;
- (f) Department of Conservation;
- (g) Ministry of Education; and
- (h) Local Boards.

The purpose of this WLG will be to provide a forum through which: (a) Opportunities for public work development (including social housing, passenger transport or recreation / open space) are identified in areas where the NZTA confirms that the designation is no longer required (e.g. following construction activities); (b) Comment can be provided on updated Urban Design and Landscape Plans, including the finalised designs of structural elements for the Project (prior to their submission to the Auckland Council); (c) Opportunities for integration of other environmental projects (e.g. restoration plantings) are identified; (d) Consideration is given to appropriate protocols for commencement and completion of construction activities (including blessings for commencement of construction phases); and (e) Comment can be provided by Te Kawerau a Maki on the detailed lighting design of SH16, to consider how lighting effects on cultural sites and practices might be mitigated without compromising traffic safety or those performance standards identified in Condition L.1. The Working Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period.

SO.7

A schedule of trees that require removal for construction of the Project will be identified and reported to the

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Community Liaison Group for their consideration of potential provision of timber for heritage projects (including in particular the provision of *Robinia* wood for heritage boat building). If the demand for this timber is identified to the Construction Team, appropriate measures for felling and removal from the site will be confirmed.

SO.13

The NZTA shall appoint a medical specialist qualified and experienced in Environmental and Occupational Medicine for the duration of the operational air quality monitoring of the Project (as defined by Condition OA.4) to be a point of contact for persons concerned about the discharge from the ventilation stacks. This person must be reasonably available by appointment for advice on matters of concern for residents within the Waterview / Point Chevalier and Owairaka / New Windsor communities, and parents of pupils and prospective pupils at schools, kindergartens, playschools, and child care centres within those areas.

SO.14

For the purpose of mitigating significant adverse effects on passive open space and reserves in Sectors 5, 7 and 9, both during the construction years and longer term, particularly in the Waterview, Owairaka and New Windsor communities (other mitigation having been held by the Board of Inquiry not to be adequate) the following applies:

(a) The NZTA shall, subject to conditions (b), (c) and (d) below, construct the following:

(i) A pedestrian and cycleway to AUSTROADS standards between Waterview and Owairaka/New Windsor (as generally indicated on drawing labelled as "Indicative SH20 Cycleway Route" (refer to Schedule A, Row 40)), subject to any modifications necessary to address design, property or engineering constraints.

(ii) The "Alford St Bridge".

(iii) The "Soljak PI Bridge".

(b) The NZTA's obligations under condition (a)(i) arise when the NZTA receives certification from the Auckland Council and Auckland Transport that the Auckland Council and Auckland Transport have:

(i) acquired all necessary land, or obtained all necessary interests and/or landowner approvals on a permanent basis in respect of the facilities described in condition (a)(i); and

(ii) acquired sufficient land to form a cycle and pedestrian way to AUSTROADS standards between Alan Wood Reserve and Unitec; and (iii) obtained all necessary resource consents required for construction and operation of the facilities.

(c) The NZTA's obligations under condition (a)(ii) arise when the NZTA receives certification from the Auckland Council and Auckland Transport that the Auckland Council and Auckland Transport have:

(i) acquired all necessary land, or obtained all necessary interests and/or landowner approvals on a permanent basis for the Alford St Bridge; and

(ii) obtained all necessary resource consents required for construction and operation of the Alford St Bridge.

(d) The NZTA's obligations under conditions (a)(iii) arise when the NZTA receives certification from the Auckland Council and Auckland Transport that the Auckland Council and Auckland Transport have:

(i) acquired all necessary land, or obtained all necessary interests and/or landowner approvals for the Soljak PI Bridge either on a permanent basis or on the basis that the Soljak PI Bridge may be constructed and operated unless and until its continued existence and / or operation conflicts with or compromises future works pursuant to the designation for rail purposes; and

(ii) obtained all necessary resource consents required for construction and operation of the Soljak PI Bridge.

(e) The certification from Auckland Council required under conditions (b), (c) and (d) above must be received by the NZTA within 8 years of the designations for the Project being confirmed.

(f) Each of the facilities for which certification has been given must be constructed within 1 year of the opening of the motorway, or two years from when certification is given for the relevant facility, whichever is the earlier, subject however to some elements of the facilities towards the northern end needing to await the decommissioning of Construction Yard 7.

(g) The value of the construction works to be undertaken by the NZTA pursuant to condition (a) to (d) above shall not exceed a sum equal to \$8 million in June 2011 New Zealand dollars (with any construction costs above that figure being met by the Council.)

(h) The pedestrian and cycleway facilities described in condition (a)(i) above are in addition to the cycling and pedestrian facilities required by the other conditions.

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Advice notes:

The intention of this condition is to construct a continuous pedestrian and cycleway with bridges at Soljak PI and Alford St. To achieve this, the Council and Auckland Transport will use their best endeavours to obtain the necessary consents and landowner approvals, for all three components of the network.

The approvals required for the Soljak PI Bridge reflect the designation for rail purposes of land under the bridge and the possibility that any bridge structure will be approved for a limited length of time only.

In the event that, despite their best endeavours, the Council and Auckland Transport cannot obtain all of the necessary landowner approvals, the condition allows each part of the network to be constructed in isolation from the others. That will provide some mitigation of the significant adverse effects on passive open space and reserves in Sectors 5, 7 and 9 that the condition is intended to address. It will also enable the Council and Auckland Transport to complete the network in the future at their expense when and if they are able to obtain the outstanding approvals.

Condition (f) above requires the earlier of the 2 named events to be the trigger for NZTA to undertake the works, in order that the required mitigation or at least some of it occur during the construction years. It also recognises that towards the northern end of the pedestrian and cycleway, some of the works may need to await the de-commissioning of Construction Yard 7.

Subject to landowner approvals, the Council and/or Auckland Transport will be the owner of the pedestrian and cycleway and the bridges described in (a) above and shall have full responsibility for the operation and maintenance of those facilities once they have been constructed by NZTA. Accordingly, NZTA will be under no further obligation in respect of any of the facilities once they have been constructed and, in particular, will have no obligation in terms of the removal, alteration or replacement of the Soljak PI Bridge in the event that it conflicts with or compromises proposed works pursuant to the designation for rail purposes.

Vegetation Conditions

V.1

The NZTA shall finalise the ECOMP submitted with this application, prior to works commencing on site. The ECOMP shall be implemented through the CEMP. The ECOMP shall clearly identify the location and identity of: (a) All Significant Vegetation within the designation that is to be fully protected or relocated; and (b) All Valued Vegetation within the designation that is affected by the works (protected or removed). Note: Significant and Valued Vegetation shall be as defined in the ECOMP.

V.2

The NZTA shall employ a suitably experienced botanist ('nominated botanist') for the duration of the works to monitor, supervise and direct all works affecting or otherwise in close proximity to the Significant Vegetation and Valued Vegetation identified in the ECOMP.

V.3

Prior to any site works commencing, a pre-commencement site meeting shall be held so that the conditions that pertain to the Significant Vegetation and Valued Vegetation and all vegetation in general (both native and exotic) are explained by the nominated botanist to all contractors or sub-contractors who will be working on site within the close vicinity of that vegetation.

V.4

The NZTA shall minimise the amount of vegetation (both native and exotic) which is to be cleared, with the exception of weeds (both woody and otherwise, unless agreed with the Major Infrastructure Team Manager, Auckland Council and the Community Liaison Group that the retention of these 'weeds' has other environmental or ecological benefits that warrant their retention). All vegetation clearance shall be undertaken in accordance with the measures set out in the ECOMP.

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V.5

The NZTA shall install protective fencing around, or otherwise clearly demarcate, all of the Significant Vegetation identified in the ECOMP as requiring full protection, under the supervision of the nominated botanist.

V.6

The NZTA shall replace any terrestrial Valued Vegetation that is required to be removed as a result of construction activities, in accordance with the ECOMP and the Urban Design and Landscape Plans.

V.7

The nominated botanist shall supervise all trimming, pruning and relocation work associated with the Significant Vegetation and Valued Vegetation required as part of the works.

V.8

Immediately prior to planting, and for a period of 2 years following completion of construction, the NZTA shall undertake weed control and management of all invasive plant pests within the vegetated areas of the surface designation for the Project. Following this 2 year period, on-going control and management of all invasive plant pests within these areas will be the responsibility of the NZTA.

V.9

The nominated botanist shall undertake a monitoring programme throughout the construction period, including monitoring of: (a) The condition, repair and location of the temporary protective fencing or other forms of demarcation used to identify the Significant Vegetation; (b) Any works within the vicinity of the Significant Vegetation and Valued Vegetation; (c) The general health of the Significant Vegetation and Valued Vegetation (including any Significant or Valued Vegetation that has been relocated away from the works area); and (d) Compliance with the vegetation conditions of designation by way of fortnightly inspections during the construction period.

V.10

Any planting utilising native plants shall use plants genetically sourced from the Tamaki Ecological District where possible or otherwise shall use plants that have been genetically sourced from within the Auckland Ecological Region.

V.12

Should the taxonomic and rarity status of the Geranium species growing alongside Oakley Creek in Hendon Park and Alan Wood Reserve not be confirmed before the commencement of works in this area, then this species shall be treated as Significant Vegetation and shall either be:

- (a) Protected in full or in part, and/or
- (b) Where protection is not practicable, relocated to a suitable and safe habitat elsewhere; or
- (c) Where protection or translocation are not practicable, this population shall be cleared in locations where required to allow works to proceed, but replaced with an equal extent of replacement plantings of the same species (from propagated material sourced from the existing population) planted at a safe and suitable habitat nearby in Hendon Park/Alan Wood Reserve.

V.13

Any clearance of the Geranium in accordance with Condition V.12 shall be restricted to the minimum necessary to facilitate the works.

V.16

All realignments and riparian enhancements of Oakley Creek shall be carried out in accordance with the Oakley Creek Realignment and Rehabilitation Guidelines and in general accordance with the Urban Design and Landscape plans (Refer Schedule A, Row 17).

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Avian Conditions

A.1

The NZTA shall finalise, and implement through the CEMP, ECOMP submitted with this application to include the matters set out in Conditions A.2 to A.6.

Herpetofauna Conditions

H.1

The NZTA shall finalise and implement through the CEMP, the ECOMP submitted with this application to include details of lizard management to be undertaken, including the following:

- (a) Lizard capture methodology, including timing;
- (b) Lizard release locations(s);
- (c) Lizard habitat enhancement at population release sites, including a detailed pest control programme for a minimum of one month prior to release and for a minimum of three consecutive years' duration after release;
- (d) Location(s), monitoring and maintenance of lizard protective fencing;
- (e) Post-release monitoring methodology; and
- (f) Lizard captive management methodology.

Lighting Conditions Operation

L.1

Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas, in general accordance with the Waterview Connection Lighting Plan (Drawing Set F.11 (Refer Schedule A, Row 12):

- a) All motorway lighting shall be designed in accordance with "Roadlighting Standard AS/NZS1158";
- b) All other lighting shall be designed in accordance with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
- c) Fully cut off luminaires shall be used on SH20 from the Southern Tunnel Portal to the Maioro Street Interchange to minimised lighting overspill, as shown on Drawing Set F.11(Refer Schedule A, Row 12).

Construction Zones and Construction Yards

L.2

A Temporary Construction Lighting Management Plan shall be prepared for all construction zones and construction yards prior to commencement of any night time works within the construction zones and construction yards. The Temporary Construction Lighting Management Plan shall be independently verified by a lighting specialist and provided to the Major Infrastructure Team Manager, Auckland Council for certification of compliance 10 working days prior to any night time work commencing. The certification process shall ensure that the Plan includes (but is not be limited to):

- a) The layout and arrangement of all temporary lighting required for night time works, and shall show how this avoids the "Light Spill Restriction Zone" identified on the Construction Yard Plans (Refer Schedule A, Row 7) submitted with the application, and that the temporary lighting complies with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
- b) Provision for a 10m buffer between the night time work and any residential boundary at all times to minimise potential for light spill; and
- c) General operating procedures outlined in the CEMP.

Lighting Conditions

L.3

Asymmetrical floodlights with horizontal glass visors that are not raised more than 3 degrees above the horizontal plane shall be used for any temporary construction night time lighting requirements. Alternative temporary lighting arrangements may be used, subject to the prior approval of the Major Infrastructure Team Manager, Auckland Council, where it can be demonstrated that the proposed lighting is similar or better to asymmetrical floodlights with glass visors. Glare shall be kept below the recommendation given in AS 4282 – 1997 "Control of the Obtrusive Effects of Outdoor Lighting" Tables 2.1 and 2.2.

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Archaeology Conditions

ARCH.1

The NZTA shall complete, and implement through the CEMP, the Archaeological Site Management Plan (ASMP) submitted with the notice of requirement, to include, but not be limited to:

- a) Identification of the Project archaeologist, their role and responsibility on the Project;
- b) Who reports to the Project archaeologist;
- c) Specific sites requiring supervision, and measures to be undertaken to protect and manage these sites;
- d) Whether NZHPT and/or Auckland Council heritage and/or iwi supervision is required for the specific consultation with the relevant iwi groups); and e) Accidental discovery protocols in the event that unknown archaeological sites are uncovered.

ARCH.2.

The NZTA shall employ at its expense a qualified archaeologist (the Project archaeologist) who shall be on site to monitor all initial earthworks, including surface stripping of the site, for all specific areas identified in the ASMP to establish whether any sub-surface archaeological features are present. This includes, but is not limited to, the following areas:

- (a) All unmodified areas in the vicinity of Rosebank Road;
- (b) All works in the vicinity of the "Oakley Inlet Heritage Area", located adjacent to the Great North Road Interchange;
- (c) Works in the vicinity of two midden sites (recorded R11/2214 and R11/2215) within Great North Road Interchange, and all previously unmodified areas near the banks of the Oakley Inlet;
- (d) Any ground disturbance works in Construction Yard 7 within Oakley Creek Reserve.

ARCH.3

If any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

- (a) Immediately it becomes apparent that a possible archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- (b) The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched and notify the Project archaeologist;
- (c) The Project archaeologist shall inspect the site to assess the relevance of the find, and then the Auckland Council shall be advised of the significance;
- (d) If the site is confirmed to be an archaeological site by the Project archaeologist, the site supervisor shall then notify tangata whenua, the New Zealand Historic Places Trust, and the Auckland Council that an archaeological site has been exposed so that appropriate action can be taken
- (e) In the case of human remains, the NZ Police shall be notified.

ARCH.8

All contractors and subcontractors working on the Project shall be trained on the archaeological requirements set out in the ASMP.

Advice note:

Any archaeological sites within the area affected by the Project shall not be modified or disturbed in any way unless written authorisation has been obtained from the NZ Historic Places Trust.

Ground Settlement Conditions

S.1

The NZTA shall finalise, and implement through the CEMP, the Settlement Effects Management Plan (SEMP) lodged with the application prior to construction activities being undertaken. Prior to construction (following detailed investigation and design), the total estimated settlements and building damage categories shall be confirmed using the methodology in Technical Report G.13 *Assessment of Ground Settlement Effects* and the SEMP shall be updated accordingly. In the event that settlement predictions are greater (than those allowed for

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in Figure E.14 (refer Schedule A, Row 26)) or building damage categories increase in ranking or buildings affected from those identified in Figures G1-G4 (refer Schedule A, Row 27), mitigation measures shall be introduced as part of the detailed design and construction process to avoid any adverse effects greater than predicted by the application lodged in August 2010.

Settlement Monitoring

S.2

The NZTA shall establish a series of ground settlement monitoring markers to monitor potential settlement in relation to the construction of the tunnels. The survey markers will be located generally as follows:

- (a) Along the tunnel alignment and extending out to a maximum of 400m either side of the tunnels to correlate with cross sections that have been used for the settlement estimates and to infill between them.
- (b) To cover the more extensive eastern zone area of settlement at Chainage 3400 (Figure E.14 refer Schedule A, Row 26).
- (c) On or around buildings or features considered to be particularly sensitive as defined in the SEMP (including those buildings identified in Condition S.7) and as may be updated to reflect detailed analysis and interpretation of monitoring results as the Project proceeds. Two types of markers shall be established: Framework Markers which shall form the main basis of monitoring, and Intermediate Markers which shall provide additional monitoring information for interpretation of Alerts and Alarms. The locations of each type of settlement monitoring marker shall be confirmed in the SEMP. Each Framework Marker shall have an alert and alarm level set in relation to Figure E.14, where alert = 75% of the theoretical value and alarm = 100% of the theoretical value with due consideration of the seasonal range of ground movement identified by pre-construction monitoring.

S.3

The NZTA shall survey the settlement monitoring markers at the following frequency:

- (a) Pre-construction
 - (i) All Framework Markers – Vertical and selected horizontal at 3 monthly intervals, starting at least 12 months prior to construction commencing; and
 - (ii) All Intermediate Markers - Vertical and selected horizontal once.
- b) During Construction
 - (i) All Framework Markers - Vertical on a monthly basis; and
 - (ii) Selected Framework Markers only - Horizontal on a monthly basis.
- (c) During Active Construction
 - (i) All Framework and Intermediate Markers – Vertical on a weekly basis; and
 - (ii) Selected Framework Markers only - Horizontal on a monthly basis.

“Active construction” shall be defined as:

- (a) Starting when the advancing tunnel face comes within 150m and ending when the final tunnel lining has been installed 150m beyond the section; and
- (b) When excavation in front of a retaining wall comes within 100m of a section and ending when the permanent wall supports are in place beyond a distance of 100m.

S.4

Within three days of each monitoring round, the NZTA shall use the settlement monitoring results (together with the results of groundwater monitoring where they may provide an earlier indication of future settlements) to reassess the ground settlements and building damage categories and compare them to those estimated in Figures E.14 and G1-G4 (refer Schedule A, Row 26 and 27).

If alert and alarm levels are exceeded, the trigger marker shall be resurveyed within 24 hours.

If the reassessment indicates that a building has increased its damage category from that in Figures G1 – G4 (refer Schedule A, Row 27) then this shall be considered to be an Alert Level and additional specific

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assessment of the building shall be carried out by the NZTA to confirm this reassessment within 72 hours.

If the additional assessment confirms the increase in damage category, this shall be considered to be an Alarm Level and the property owner and occupier will be notified within 48 hours. Following consultation with the property owner and occupier(s); subsequent actions may include increased frequency and/or extent of monitoring, modification to the construction approach or mitigation works to the affected building.

S.5

Settlement monitoring shall be undertaken for a period of 2 years following completion of the tunnels. The NZTA may reduce the frequency of settlement monitoring, required by Condition S.3, to 6-monthly:

- (a) Once the active construction stage has passed; and
- (b) Monthly monitoring has been undertaken for a minimum of 6 months; and
- (c) The monitoring indicates that any potential settlement effects are within a satisfactory range as specified in the SEMP; and
- (d) The criteria in (a) to (c) above has been certified by the Auckland Council.

S.6

The NZTA shall collate the results of the settlement monitoring (undertaken pursuant to Conditions S.2 – S.5) and prepare a report that shall be made available to the Auckland Council. A settlement monitoring report shall be prepared prior to the commencement of construction, and then at monthly intervals throughout the construction period. Following the completion of construction, a settlement monitoring report shall be prepared following each round of settlement monitoring undertaken (i.e. monthly and then 6-monthly when monitoring is reduced pursuant to Condition S.5).

The settlement reports shall highlight any alert or alarm level exceedences and provide a full interpretation and/or explanation as to why these levels are exceeded, the likely effects and detail any remedial or mitigation measures initiated as a result of these trigger exceedences.

Building Condition Surveys

S.7

The NZTA shall review and update the schedule of buildings and structures considered to be at risk in accordance with the criteria of the SEMP and maintain this for review by the Auckland Council. This shall include, but not be limited to, the following properties identified in the Technical Report G.13 *Assessment of Ground Settlement Effects* provided in support of this application:

- (a) Buildings on properties within the substrata designation;
- (b) Buildings where total estimated settlement is greater than 50mm (defined in Figure E.14 – Refer Schedule A, Row 26);
- (c) Buildings in areas estimated to have a risk of damage more than negligible (defined in Figures G1-G4 as categories 1-5 (Refer Schedule A, Row 27));
- (d) Unitec Buildings 76, and 310-313 (as per Unitec Site Plan in Schedule A, Row 31);
- (e) 1510 Great North Road, Unitec Residential Flats (two buildings);
- (f) Pak'n Save Supermarket;
- (g) Metro Football Clubhouse, Phyllis Street;
- (h) Building at 1550 Great North Road;
- (i) BP Service station at 1380 Great North Road; (j) Modern Chairs Building (Richardson Road);
- (k) Waterview Primary School;
- (l) Operational septic tanks where total estimated settlement is greater than 50mm; and
- (m) Buildings on the western side of the alignment between Chainage 3000 and 3400 where total estimated settlement is greater than 20mm.

S.8

The NZTA shall consult with owners of buildings and structures identified in Condition S.7 and, subject to the owner's approval of terms acceptable to the NZTA, shall undertake a preconstruction condition assessment of

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these structures in accordance with the SEMP.

S.9 The NZTA shall employ a suitably qualified person (e.g. a Chartered Professional Engineer) to undertake the building assessments required pursuant to Conditions S.8 and S.12 and identify this person in the SEMP.

S.10 The NZTA shall undertake monthly visual inspections of the following buildings during the “active construction” phase of the Project as defined in Condition S.3:

- (a) All Type 1 Dwellings within a zone where “more than negligible” effects have been predicted;
- (b) All Type 2 Dwellings within a zone where “slight” effects or greater have been predicted
- (c) Unitec Building 76;
- (d) 1510 Great North Road, Unitec Residential Flats (two buildings);
- (e) Pak’n Save supermarket; and
- (f) Waterview Primary School (pool and hall).

Note: Type 1 and 2 Dwellings are those as defined in Technical Report G.13 *Assessment of Ground Settlement Effects*.

S.11 The NZTA shall undertake level and/or wall inclination surveys on a monthly basis during the “active construction” phase of the Project on the following buildings:

- (a) All Type 1 Dwellings within a zone where “slight” effects or greater have been predicted;
- (b) Unitec Building 76;
- (c) 1510 Great North Road, Unitec Residential Flats (two buildings);
- (d) Waterview Primary School (pool); and
- (e) Pak ‘n’ Save Supermarket

S.12

The NZTA shall, subject to the owner(s) approval, ensure that within 6 months of completion of construction activities, a post-construction condition assessment covering the matters identified in the SEMP is undertaken and shall be provided to the owner(s). The assessment report shall include a determination of the cause of damage identified (if any) since the preconstruction condition assessments. The NZTA shall agree with the owner(s) appropriate remedial works (if any) in conjunction with arrangements for implementation and/or compensation. The requirements of this condition need not be fulfilled for any particular building with the written approval of the current owner of a building or where the NZTA can provide reasonable evidence to the Auckland Council that the current owner of that building has agreed they do not require such a survey.

S.13

The NZTA shall ensure that a copy of the pre, post-construction and any additional building condition assessment reports for each building be forwarded to the respective property owner(s) within 15 working days of completing the reports. The NZTA shall notify the Auckland Council that the assessments have been completed. The community liaison person appointed pursuant to Condition PI.1 shall be the contact person for owner(s) subject to assessment and reporting under Conditions S.1 to S.11 and S.16 and remedial works or compensation payments under Condition S.12 and S.16.

Retaining Wall Monitoring

S.14

The NZTA shall establish inclinometer and surface monitoring of the retaining walls for the tunnel portals and cut and cover tunnel to determine any potential effect from the tunnels. The nature and timing of the monitoring shall be determined during detailed design of the retaining walls and specified in the SEMP.

Services Monitoring

S.15

Prior to construction commencing, the NZTA shall undertake CCTV surveys of services identified in the SEMP as being susceptible to damage or particularly critical. This shall include, but not be limited to:

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(a) Waterview Orakei No. 9 trunk sewer.

The NZTA shall monitor these services by undertaking additional CCTV surveys throughout the construction period. If any damage is determined in relation to the Project, the NZTA shall undertake any remedial action as required in consultation with the service provider.

Slope Stability Assessments

S.16

Prior to construction commencing, the NZTA shall undertake geotechnical investigations of slopes or sites that have been identified as potentially being susceptible to movement. This shall include, but not be limited to:

(a) 14H and 14J Cradock Street

(b) 34 Cradock Street

(c) 40 Cradock Street

(d) 56 Powell Street;

(e) 1590A Great North Road; and

(f) Other sites on the western slopes of Oakley Creek identified under Condition S.7(b) and S.7(m) which are assessed in the course of a pre-construction condition assessment undertaken in accordance with Condition S.8 as potentially being susceptible to slope movement.

The NZTA shall undertake monitoring throughout the active construction period in accordance with Condition S.10 above and shall assess and agree remedial action as required, in consultation with the owner, in accordance with Condition S.12 above.

Differential Settlement

S.17

Pairs of settlement markers shall be established on each side of the cross sections identified on Figure E.14 to monitor differential movements. The markers in each pair shall be no more than 20m apart, and each pair shall be within 100m of the centreline of the closest tunnel. Monitoring installed in accordance with Condition S.11 can be utilised for this purpose. Each pair of markers shall have Alert and Alarm values set based on the calculated differential settlements at that location and consistent with the relevant calculated Building Damage Category (Figures G1-G4, (Refer Schedule A Row 27)), Alert and Alarm levels shall be as defined in Condition S.2. Monitoring frequency shall be as defined for Framework Markers in Condition S.3.

Streamworks Conditions

General conditions

STW.1 The streamworks and associated works (such as stormwater outfalls) shall be undertaken in accordance with the plans and information contained within Technical Report G.15 *Assessment of Stormwater and Streamworks Effects* and Technical Report G.22 *Erosion and Sediment Control Plan*, submitted with this application. The design of streamworks and associated works shall follow the approach expressed in the Oakley Creek Re-alignment and Rehabilitation Guidelines, appended to *Technical Report G.6 Assessment of Freshwater Ecological Effects*.

STW.2

Any future amendments that may affect the performance of the streamworks shall be approved by the Major Infrastructure Team Manager, Auckland Council in writing, prior to construction. Any amendments to the design shall be in accordance with the Western Ring Route: Oakley Creek Re-alignment and Rehabilitation Guidelines (Boffa Miskell, 2010), appended to *Technical Report G.6 Assessment of Freshwater Ecological Effects*.

STW.3

The NZTA shall inform the Major Infrastructure Team Manager, Auckland Council in writing at least 10 working days prior to any streamworks commencing, and again 10 working days before any environmental protection measures are removed.

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STW.4

Prior to streamworks commencing on site, the NZTA shall arrange and conduct a preconstruction site meeting between Auckland Council, NZTA and the primary contractor.

STW.5

At least 20 working days prior to commencement of streamworks associated with the realignments of Oakley Creek and the Stoddard Road tributary, the construction design details associated with these works shall be submitted to the Major Infrastructure Team Manager, Auckland Council for approval. The details shall include but not be limited to:

- (a) Detailed design of the proposed streamworks including long sections, cross sections and details of the design including freshwater habitat improvement and riparian planting;
- (b) Construction erosion and sediment control plans (ESCP).

STW.6

The NZTA shall forward a detailed construction programme and methodology to the Major Infrastructure Team Manager, Auckland Council at least 10 working days prior to the commencement of works, and shall provide monthly updates during the streamworks. These shall include details of:

- (a) The commencement date and expected duration of the streamworks;
- (b) The location of any works and structures in relation to the streamworks; and
- (c) Dates for the implementation of erosion and sediment controls.

STW.7

No streamworks shall be undertaken between 1 May and 30 September unless written approval has been obtained from the Major Infrastructure Team Manager, Auckland Council. Any such approval shall be sought at least 10 working days prior to the proposed commencement of the works.

STW.8

All erosion and sediment controls associated with the streamworks shall be constructed and installed in accordance with Technical Report G.22 *Erosion and Sediment Control Plan* submitted with this application.

STW.9

The site shall be stabilised against erosion as soon as practicable and in a progressive manner as streamworks are finished.

STW.10

All uncompacted material shall be kept clear of the channel during and after streamworks.

STW.11

The NZTA shall ensure that any temporary dam structure built within the stream shall be constructed from non-erodible material (such as sandbags or sheet piles).

STW.12

The NZTA shall ensure that when dewatering the in-stream works area, no sediment-laden water shall be discharged directly into a watercourse. Any sediment-laden water must be treated in an appropriate sediment treatment device in accordance with TP90.

STW.13

All machinery shall be maintained and operated in a way which ensures that spillages of fuel, oil and similar contaminants are prevented, particularly during refuelling and machinery servicing.

STW.14

The NZTA shall ensure that:

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- (a) Any excavated sediment that requires temporary stockpiling shall not be placed within the 100 year ARI flood plain, and
- (b) Erosion and sediment control measures around the stockpile perimeter shall be constructed in accordance with TP90.

STW.15

The design engineer and Project ecologist shall monitor the construction of the streamworks. The NZTA shall submit to the Major Infrastructure Team Manager, Auckland Council a certificate signed by an appropriately qualified and experienced engineer and ecologist to certify that the streamworks have been undertaken in accordance with the drawings supplied with this application, or as otherwise amended under Condition STW.2, within three months of completion of the streamworks.

STW.16

The NZTA shall obtain approval of the constructed stream realignment works from the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to diversion of Oakley Creek into the new channel.

Bridge Structure

STW.17

The NZTA shall submit a certificate signed by an appropriately qualified and experienced engineer to certify that the Oakley Creek SH20 motorway bridge has been constructed in accordance with the drawings supplied with this application, within 3 months of completion of the structure.

STW.18

Any erosion occurring as a result of construction of the Oakley Creek bridge (SH20) shall be remedied as soon as possible and to the satisfaction of the Major Infrastructure Team Manager, Auckland Council.

STW.19

The area of Oakley Creek beneath the Oakley Creek bridge (SH20) shall be maintained free of debris to ensure stream flows are not restricted.

Streamworks Environmental Management Plan (SWEMP)

STW.20

The NZTA shall submit for approval to the Major Infrastructure Team Manager, Auckland Council a Streamworks Environmental Management Plan (SWEMP) which shall include details of the final freshwater mitigation and environmental enhancement works associated with the Project to give effect to the design set out in Technical Report G.15 and principles of the "Western Ring Route – Maioro Street Interchange and Waterview Connection - Oakley Creek Realignment and Rehabilitation Guidelines" described in Condition STW.22. This SWEMP shall cover the mitigation for the loss of an area of Pixie Stream, Oakley Creek and the Stoddard Road tributary. It shall be submitted to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to the proposed enhancement works being commenced under this consent and shall include, but not be limited to, the following:

- (a) The nature of works to be undertaken;
- (b) The location of works;
- (c) Detailed design and plans of all enhancements to the stream bed and/or stream channel, including any structures or other engineering works. This includes replication of the existing waterfall located on the Stoddard Road tributary near the confluence with Oakley Creek in a similar position within the new realignment;
- (d) Riparian planting programmes, including detailed planting plans and specifications relating to species mix, location, density, size and maintenance to achieve an overall average of 70% shading of stream at maturity within those reaches where realignments or the SEV off-setting mitigation associated with the Project are proposed;
- (e) Timing of implementation;
- (f) The outcomes of consultation with Iwi (Ngati Whatua o Orakei and Te Kawerau Tribal Authority), the

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Community Liaison Group (see Condition PI.6), and Friends of Oakley Creek; and

(g) How the basalt blocks from sections of the existing Oakley Creek channel that are to be realigned will be reused, with preference given to use within the channel realignment works and within other works identified in the Alan Wood Open Space Restoration Plan. Options for reuse shall take into account, but not be limited to:

(i) The heritage (cultural) values of the basalt blocks in the channel walls, in-situ basalt e.g. at the Stoddard Confluence and the basalt columnar blocks; and

(ii) The ecological values of the basalt block substrates with terrestrial and aquatic vegetation e.g. endangered moss *Fissidens berteroii*.

Advice Note: The intent is to include the SEV off-setting mitigation associated with the Maioro Interchange Project within Hendon Park and Alan Wood Reserve, and to the same shading standard as specified in Condition STW 20(d).

STW.21

The realignments necessary for highway construction will be rehabilitated separately to the Project's SEV off-set mitigation requirement of 343 metres. The Project's SEV off-set mitigation requirements will be undertaken within the areas demarcated as areas A to D on the "Oakley Creek Realignment Layout Plan, drawing 20.1.11-3-D-D-330-21" (Refer Schedule A, Row 23).

Advice Note: The SEV off-set mitigation associated with the Maioro Interchange Project is intended to be undertaken upstream and downstream of those areas shown for Realignment and Rehabilitation (Refer Schedule A, Row 23), for the purposes of creating a coherent ecological corridor in this area.

STW.22

The SWEMP shall be prepared in general accordance with the "Western Ring Route – Maioro Street Interchange and Waterview Connection - Oakley Creek Realignment and Rehabilitation Guidelines" (Boffa Miskell, 2010) appended to *Technical Report G.6 Assessment of Freshwater Ecological Effects*.

STW.23

The NZTA shall implement the mitigation and environmental enhancement works contained in the approved SWEMP within 12 months of practical completion of the Project.

STW.24

The NZTA shall supply to the Major Infrastructure Team Manager, Auckland Council within three months of the completion of the riparian planting works written confirmation from an appropriately qualified landscape architect or ecologist that the riparian plantings have been implemented in accordance with the SWEMP approved under Condition STW.20.

STW.25

Any material amendments to the SWEMP shall be submitted for approval by the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to any amendment being implemented.

Fish Passage

STW.26

All proposed stream bed and/or stream channel structures shall not impede the passage of fish both upstream and downstream. **Flooding**

STW.27

Works in the floodplain (including motorway embankments, ancillary earthworks and streamworks) shall be in accordance with the final design of the streamworks approved by the Major Infrastructure Team Manager, Auckland Council (as per Conditions STW.5 and STW.29) and be undertaken in accordance with the plans and information submitted with this application including, but not limited:

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- (a) Waterview Connection Project. Assessment of Environmental Effects Report (Dated August 2010).
- (i) Plan F.2 Operation Scheme Plans (Refer Schedule A, Row 3); and
- (ii) Plan F.14 Streamworks and Stormwater Discharges (Refer Schedule A, Row 15).
- (b) Technical Report G.15 *Assessment of Stormwater and Streamworks Effects*.

STW.28

Within three months of completion of the works, the NZTA shall submit to the Major Infrastructure Team Manager, Auckland Council “as built” plans certified by a qualified and experienced engineer to confirm that the works have been carried out in accordance with Condition STW.27.

STW.29

Any amendments to works by the NZTA in the floodplain that may increase the flooding effects shall be submitted to the Major Infrastructure Team Manager, Auckland Council for approval in writing at least 20 working days prior to construction. These proposed amendments shall include updated drawings and hydraulic modelling using the Oakley Creek Catchment Model to assess the effects of the change.

STW.30

The NZTA shall submit to the Major Infrastructure Team Manager, Auckland Council a certificate signed by an appropriately qualified and experienced engineer to certify that the flood protection works for the tunnels have been constructed in accordance with the drawings, approach and standards supplied with this application, prior to the opening of the Project.

STW.31

Design of flood defences for the southern portal shall be in accordance with the catchment management option preferred by Auckland Council with allowances for climate change, sea-level rise and Maximum Probable Development.

Contaminated Land and Contaminated Discharges Conditions

CL.1 The NZTA shall finalise and implement through the CEMP, the Contaminated Soil Management Plan (CSMP) submitted with this application prior to commencement of any site works. The CSMP shall include, but not be limited to:

- (a) Measures to be undertaken in the handling, storage and disposal of all material excavated during the construction works;
- (b) Soil validation testing and groundwater testing;
- (c) Soil verification testing to be undertaken to determine the nature of the excavated spoil and potential reuse or disposal options;
- (d) Measures to be undertaken in the event of unexpected contamination being identified during construction activities; and
- (e) Measures to be undertaken for the handling of asbestos containing material.

CL.2

Prior to the main construction works commencing, the baseline quality of soils and groundwater within Sector 5 (the southern bank of Oakley Creek coincident with the location of the former tannery) and Sector 7 (particularly in relation to works in the vicinity of Great North Road) shall be investigated and established. The investigations shall be carried out in accordance with appropriate Ministry for the Environment and Auckland Council guidelines. The findings of the soil and groundwater investigations shall be used to determine the specific constructions methods during work in this area to manage any likely environmental effects in relation to the Project.

CL.3

Prior to the main construction works commencing, soils and fill materials within Alan Wood Reserve (Sector 9) shall be further classified so as to determine the distribution and extent of cleanfill, managed fill and

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contaminated/hazardous fill materials. CL.4 All excavated soil shall be tested by the NZTA in general accordance with the CSMP, prior to either reuse on site or disposal off site. The testing regime shall be submitted for approval by the Major Infrastructure Team Manager, Auckland Council.

CL.5

The NZTA shall notify the Major Infrastructure Team Manager, Auckland Council within 5 working days of identification of any contamination at the site which was not identified in the reports submitted in support of this application, including contaminated soil, surface water or groundwater. CL.6 The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP. CL.7 The NZTA shall engage a suitably qualified contaminated land specialist to supervise the works, excavation and removal of any contaminated soils from the site and undertake sampling (if required) of imported material. CL.8 All testing / sampling techniques shall be carried out in accordance with the Ministry for the Environment Contaminated Land Management Guidelines or other equivalent standards approved in writing by the Major Infrastructure Team Manager, Auckland Council.

CL.9

During and following the tunnel construction works beneath Sector 8, groundwater quality monitoring shall be carried out at locations within and down hydraulic gradient of Phyllis Street Landfill. Monitoring shall be undertaken on at least a monthly basis, and for a period up to 12 months following completion of the tunnel construction works. The monitoring programme shall be submitted for approval by the Auckland Council as landowner.

CL.10

Prior to, during and following tunnel construction works beneath Phyllis Street Landfill, monitoring for landfill gas shall be carried out from existing monitoring boreholes within the landfill. Monitoring shall be undertaken on at least a monthly basis, for a period of no less than 6 months prior to, and up to 12 months following completion of the tunnelling works. The monitoring programme shall be submitted for approval by the Auckland Council as landowner.

CL.11

The NZTA shall submit to the Major Infrastructure Team Manager, Auckland Council, a Site Closure Report no later than three (3) months after the completion of the earthworks. The Report shall be prepared in accordance with Schedule 13 (Schedules for Reporting on Contaminated Land) of the Proposed Auckland Regional Plan: Air Land and Water and include:

- (a) Results of any soil reuse and imported material testing carried out to ensure compliance with the CSMP;
- (b) Volumes of soil removed from site;
- (c) Copies of the waste disposal receipts; and
- (d) Reports of any non-compliance with the CSMP procedures or complaints received while undertaking the site works

Freshwater Conditions

F.1 The NZTA shall finalise, and implement through the CEMP, the ECOMP submitted with this application. The ECOMP shall be updated to ensure compliance with the conditions of this consent and include changes to the details of construction processes prior to construction commencing. The ECOMP shall include, but not be limited to details of:

- (a) Monitoring of freshwater ecology;
- (b) Monitoring of freshwater and stream sediment quality;
- (c) Trigger event criteria for undertaking additional monitoring;
- (d) Procedures for responding to accidental discharges of contaminants to the freshwater environment; and
- (e) Contingency plans and/or remedial measures in the event monitoring results identify adverse effects.

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F.2

The NZTA shall engage a suitably qualified ecologist and water quality scientist to undertake freshwater monitoring programme prior to, during and following construction to monitor the effect of the Project on the freshwater ecology. The freshwater monitoring shall be undertaken in Oakley Creek, Pixie Stream and Meola Creek. The freshwater monitoring programme shall be undertaken in accordance with the details set out in the ECOMP and include:

- (a) Cross sectional profiles;
- (b) Macro invertebrate sampling; and
- (c) Freshwater fish monitoring.

F.3

The freshwater monitoring programme shall, as a minimum, be undertaken in accordance with the following frequency:

- (a) Prior to construction – two baseline ecological surveys.
- (b) During construction – twice per year for fish and macro invertebrates and cross sectional profiles, within one month prior to the beginning of the earthworks season and within one month either side of the end of the earthworks season.
- (c) Post construction – on an annual basis for a maximum period of three years, or less if the Major Infrastructure Team Manager, Auckland Council is satisfied that no adverse effects have occurred or are likely to occur from the Project.
- (d) Monthly water quality samples at the five existing Oakley Creek sample locations to be analysed for pH, turbidity, suspended solids, metals (Zn, Cu and Pb) and nutrients.
- (e) Four “event based” samples per annum from each of the current two Oakley Creek sites. The samples are to be analysed for pH, turbidity, suspended solids, metals (Zn, Cu and Pb), hydrocarbons (TPH) and nutrients.
- (f) Two sediment quality samples per annum (January and July) at the five existing water quality Oakley Creek sites (if there is sufficient sediment to sample). The samples are to be analysed for metals (Zn, Cu and Pb), polycyclic aromatic hydrocarbons (PAH), hydrocarbons (TPH) and semi-volatile organic compounds.

Advice note: The sample collection and analysis required under sub-clauses (d) to (f) shall be undertaken following an IANZ accredited methodology by a suitably accredited laboratory (International Accreditation New Zealand).

F.4 The NZTA shall undertake additional freshwater monitoring in the event of a ‘trigger event’ for freshwater habitats. For the purposes of this consent, a ‘trigger event’ for freshwater habitats is defined in the ECOMP. F.5 The NZTA’s ecologist/hydrologist (required by condition F.2) shall review, every six months, the freshwater monitoring results, provided from Conditions F.2 to F.4, and results in monitoring detailed in earthworks Conditions E.9 and E.19 and Groundwater Condition G.10. In the event that potential adverse effects are identified, including through review of the Condition G.10 monitoring results by the hydrologist and freshwater ecologist required by Condition G.12, the NZTA shall develop and submit for the approval of the Major Infrastructure Team Manager, Auckland Council appropriate contingency plans and/or remedial measures in accordance with the measures set out in the ECOMP.

F.5

The NZTAs ecologist/hydrologist (required by condition F.2) shall review, every six months, the freshwater monitoring results, provided from Conditions F.2 to F.4, and results in monitoring detailed in earthworks Conditions E.9 and E.19 and Groundwater Condition G.10. In the event that potential adverse effects are identified, including through review of the Condition G.10 monitoring results by the hydrologist and freshwater ecologist required by Condition G.12, the NZTA shall develop and submit for the approval of the Major Infrastructure Team Manager, Auckland Council appropriate contingency plans and/or remedial measures in accordance with the measures set out in the ECOMP.

F.6

Freshwater monitoring reports shall be compiled from the monitoring undertaken pursuant to Conditions F.2 to

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F.4 and the review of Condition F.5, and a report provided to the Major Infrastructure Team Manager, Auckland Council every 6 months.

Attachments

Figure DC.A - OPW1 Northern Ventilation Buildings and Stack

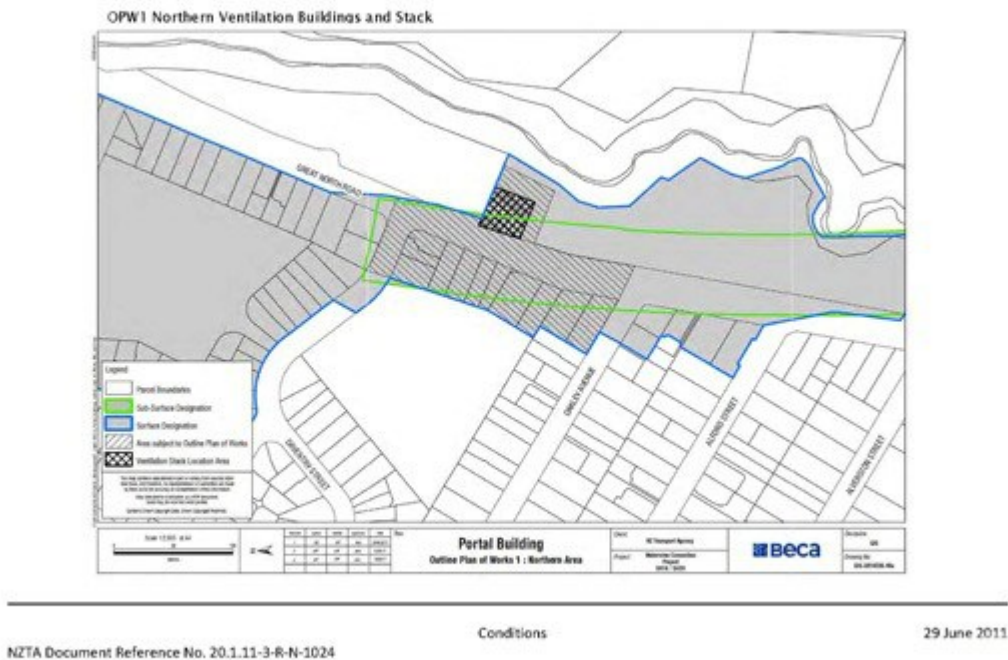


Figure DCB - OPW2 Southern Ventilation Buildings and Stack

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Figure CEMP.A - Construction Environmental Management Framework

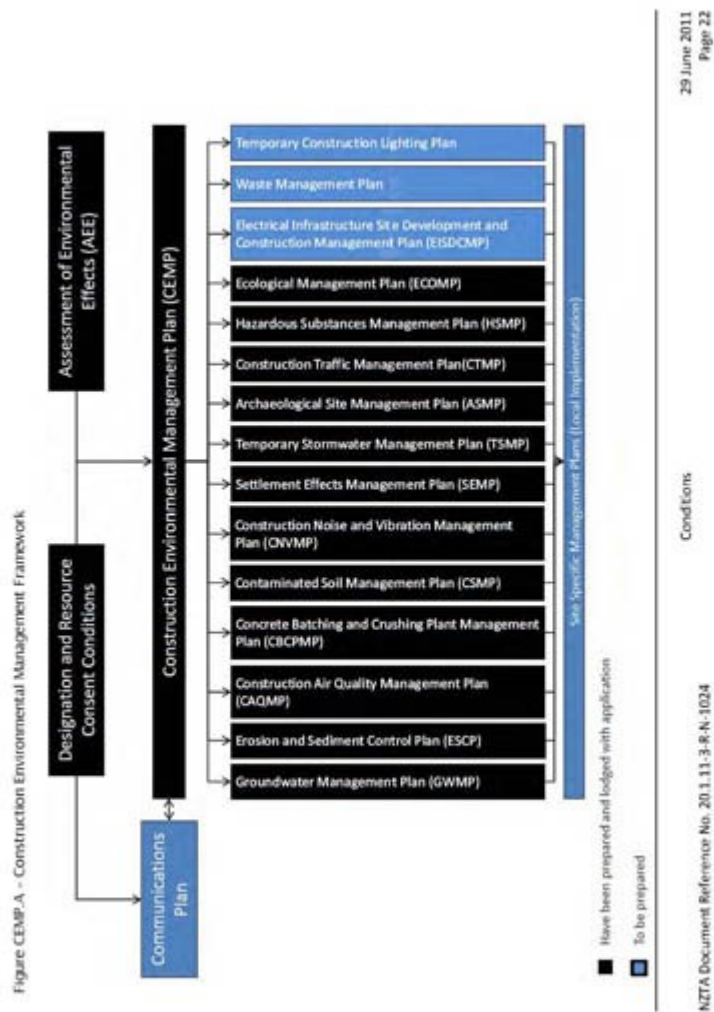
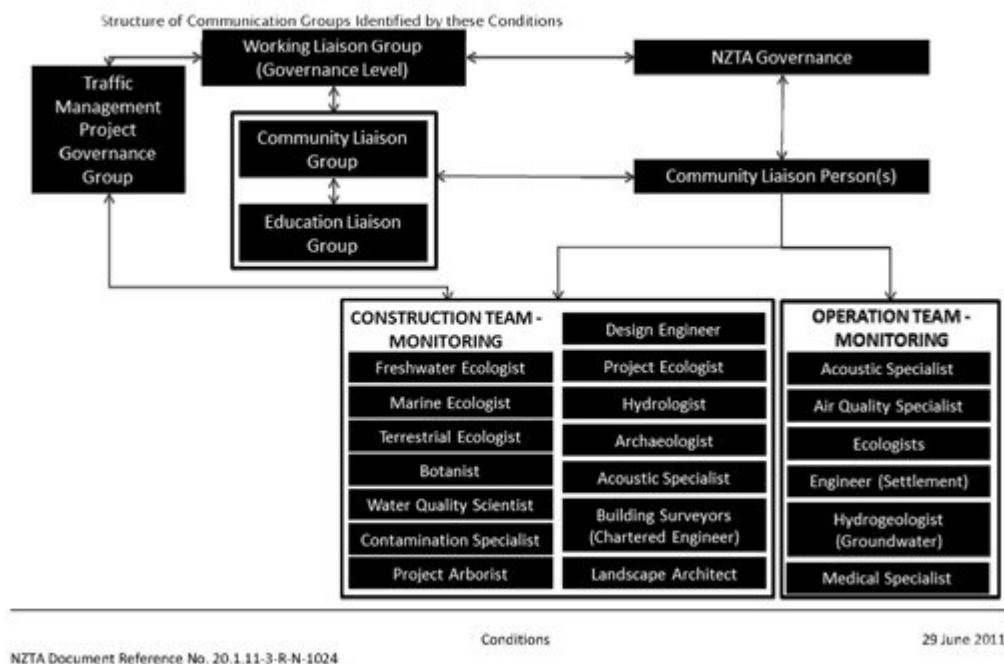


Figure PI.A - Structure of Communication Groups

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6731 State Highway 20 - Hillsborough to Mt Roskill

Designation Number	6731
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20 from Queenstown Road, Hillsborough to Ernie Pinches Street, Mt Roskill Hillsborough Road
Rollover Designation	Yes
Legacy Reference	Designation H08-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The designation is for the following work:

- A designation of land between Queenstown Road and the eastern end of Ernie Pinches Street as a road for state highway / motorway purposes (Map Ref H08-05);
- A designation of land between Queenstown Road and New Windsor Road as road, accessway or service lane for access (Map Ref H08-06);
- A designation of land westward from a point opposite Sandringham Road as road for access to and / or for state highway / motorway purposes; this component of the designation being necessary to allow for the connection of the proposed motorway to the local roading network and future grade separation between road and rail when an adjoining railway purposes designation is given effect to (Map Ref H08-07); including the construction, operation and maintenance of those roads, accessways and service lanes and all ancillary structures, works and activities directly associated with the proposed extension of State Highway 20 from Hillsborough Road to Maoro Road.

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Conditions

1. General

1.1 To move the requirement boundary to the southeast (towards Ernie Pinches Street) to minimise encroachment over the southeastern boundary of Christ the King Church and School at 288-292 Richardson Road as shown on Plan 1/86/32/3914/8 Revision C.

1.1A That the designation be modified by reducing its size so that the part of the designation extending from Carr Road does not extend onto Lot 2, DP 77953 owned by Swift New Zealand Limited and held in Certificate of Title 34A/1386. This modification shall be as shown on Drawing Number 1/86/32/1914/2. The part of the designation on the Hayr Road boundary shall remain.

1.1B No work shall occur within the area of Winstone Park which is currently protected by the Reserves Act 1977 until determination of the High Court appeal AP123/02 (or any subsequent and related Court of Appeal proceeding), dismissing the appeal and / or authorising work within the Winstone Park Reserve.

1.1C That the designation be altered by adjusting its boundaries at 133 Stoddard Road, 67 Ernie Pinches Street and 90 May Road (the Roseman Avenue pond). This alteration shall be as shown on the following drawings produced by Transit NZ and URS NZ Ltd:

- a. P-03-087, P-03-088, P-03-89 (dated 26 Sept 02); and
- b. P-02-057, P-02-058, P-02-061 (dated 13 Aug 02).

1.1D That the designation be altered by adjusting its boundaries at 43 to 53 Hendry Avenue and 1 to 11A Maioro Street. This alteration shall be as shown on the following drawings produced by Transit NZ and URS NZ Ltd:

- a. P-03-086, P-03-090 (dated 26 Sept 02); and
- b. P-02-055, P-02-060 (dated 4 Feb 03).

1.1E That the designation be altered by adjusting its boundaries at Mt Roskill Grammar School. This alteration shall be as shown on the following drawings produced by Transit NZ and URS NZ Ltd:

- a. P-03-092 dated 26 Sept 2002;
- b. P-02-064 dated 4 February 2003;
- c. S-35-126 revision OD dated 28 May 2003;
- d. S-35-101 revision B dated 14 November 2002; and
- e. P-03-086-091 dated 4 Oct 2002.

1.1F That the designation be altered by adjusting its boundaries at the Dominion Road frontage to Winstone Park. This alteration shall be as shown on the following drawings drawn by URS Ltd:

- a. P-100-200 'Figure A' dated 21 May 2004; and
- b. P-100-202 'Figure B' dated May 2004.

1.1G That the designation be altered by adjusting its boundaries at the corner of Hendry Avenue and Queenstown Road (Lot 2 DP 55660). This alteration shall be as shown on the following drawings drawn by Transit NZ and URS NZ Ltd:

- a. P-100-011 dated March 2004; and
- b. C-121A, dated April 2004.

1.1H That the designation be altered by adjusting its boundaries at 110, 138A and 155 Hillsborough Road. This alteration shall be as shown on the 'SH20 - Mt Roskill Extension Proposed Alteration to Designation' drawings drawn by Transit NZ and URS NZ Ltd and referred to as:

- a. Figure 2 Rev A, Site 138 Hillsborough Road (dated October 2004);
- b. Figure 3 Rev A, Site 155 Hillsborough Road (dated October 2004); and
- c. Figure 4, Rev A, Site 110 Hillsborough Road (dated October 2004).

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1.2 Except as modified by the conditions below, the work shall be undertaken in general accordance with the information provided by Transit New Zealand at the hearing; the Notice of Requirement and supporting documents, namely:

- a. 'SH20 Hillsborough to Richardson Road, Assessment of Effects on the Environment', Traffic Design Group and URS NZ Ltd, dated 2 November 2000;
- b. 'SH20 Hillsborough to Richardson Road, Scheme Assessment Report', Volume 1 – Report, Volume 2 – Drawings, Traffic Design Group and URS NZ Ltd, dated 2 November 2000;
- c. Revised attachments to the Notice of Requirement. In particular, the following drawings drawn by Traffic Design Group and URS NZ Ltd;
- d. 'Proposed designation as amended in response to matters raised during hearing 26 March-6 April 2001', Drawing numbers 1/86/32/1914/1-4 Revision E; and
- f. 'Property identification and designation boundaries (as revised post-notification)', 1/86/32/3914/1-9 Revision C.

1.3

- a. Except as modified by conditions below, works on and disturbance of the northern slopes of the Mt Roskill volcanic cone between Dominion Road and Roseman Avenue shall be generally in accordance with the works shown on Figure A (Project Drawing Number P-100-200) drawn by URS NZ Ltd dated 21 May 2004 (hereafter referred to as "Figure A"); and
- b. If as a result of detailed design, the Requiring Authority proposes any departure from the works shown on Figure A that affects Mt Roskill volcanic cone between Dominion Road and Roseman Avenue but which remains in general accordance with the drawing, the Requiring Authority shall consult with the Department of Conservation before adopting any such a departure; and
- c. No excavation beyond that associated with the extent of work shown on Figure A is permitted, except where:-
 - i. the work does not result in any further excavation of unmodified parts of the cone within Winstone Park; and
 - ii. the work is consistent with Condition 2.1B.

1.4 Where the State highway connects with Richardson Road, the route shall be redesigned and shifted towards the southeast so as to minimise the need for works to encroach across the southeastern boundary of Christ the King Church and School at 288-292 Richardson Road.

1.5 The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1)(c) of the Resource Management Act 1991.

1.6 Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

1.7 As soon as practicable following confirmation of the designation and completion of construction, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for removal of the existing designation F05-05 'proposed motorway; proposed motorway and railway; proposed road, Hayr Road to Richardson Road.

1.8 As soon as practicable following confirmation of the designation and completion of construction, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for removal of the existing designation A07-01 'motorway' in the vicinity of Hendry Road where designation A07-01 is replaced by the new designation.

1.9 As soon as practicable, following completion of construction, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for removal of those parts of the designation which are not required for the long term operation and maintenance of the State highway.

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1.9A

- a. Within three months following completion of construction of the state highway between Dominion Road and Roseman Avenue, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for the adjustment of the southern boundary of the designation between Dominion Road and Roseman Avenue to a new position approximately 18 metres northwards; and
- b. Activities within the zone 2 metres to the north of the adjusted designation boundary shall thereafter be limited to inspection and maintenance purposes.

1.9B Works within Winstone Park along the Dominion Road frontage shall be undertaken in accordance with the following:

- a. The design of the proposed footpath between the Winstone Park access road and the Dominion Road interchange shall be generally in accordance with the works shown on Figure A (Project Drawing Number P-100-200) drawn by URS NZ Ltd dated 21 May 2004.
- b. The detailed design of the new footpath between the Winstone Park access road and the Dominion Road interchange shall be determined in consultation with the council. The following matters shall be taken into account in the final design:
 - i. The appropriate width;
 - ii. Lighting;
 - iii. The connection between the new footpath and the existing footpath along Dominion Road;
 - iv. The need to ensure changes to the Winstone Park vehicle access clearly define the pedestrian crossing point.
- c. The construction of the proposed footpath between the Winstone Park access road and the Dominion Road interchange shall be undertaken in a manner which minimises excavation of the natural ground surface.
- d. Prior to any construction work commencing protective fencing shall be erected to protect the trees near the area of works. Where practicable the fencing shall be to the standard described within 4.1 Protective Fencing in Annexure 5 (Guidelines for works within the vicinity of trees) of the District Plan.
- e. All pruning works and construction activity at the base of the existing mature puriri and totara trees adjacent to the proposed footpath shall be undertaken in consultation with the council's parks arborist. The work shall also be undertaken in accordance with the arborist's report dated 27 February 2004, included with the notice of requirement.
- f. With regard to the mature puriri to the immediate south of the Winstone Park access road, the portion of the batter within the dripline of the puriri shall be excavated under arborist's supervision, incorporating hand digging as required. All roots encountered shall be cut cleanly back to the soil face with sharp pruning tools. The exposed face shall be immediately covered with up to 50mm of high quality topsoil and the topsoil lightly compacted.
- g. Any pruning of trees required to achieve clearance for the footpath shall be undertaken by a recognised arboricultural contractor who is approved by the council's parks arborist.
- h. Transit's contractor shall contact the council's parks arborist a minimum of five working days prior to any arboricultural work commencing to arrange for a pre-works commencement meeting. All contractors and sub-contractors involved in the arboricultural work shall be present. The location of protective fencing shall be agreed in consultation with the council's parks arborist at that time.

1.10 The Requiring Authority shall pay the Council a compliance monitoring charge of \$5,000 (inclusive of GST), plus any further monitoring charge or charges to recover the actual and reasonable costs that have been incurred to ensure compliance. (This charge is to cover the cost of inspecting the site, carrying out tests, reviewing conditions, updating files and all work required to ensure compliance with the conditions on the designation). This monitoring charge shall be paid at the time an Outline Plan is submitted.

1.11 Any land taken or held for works shall be maintained to a reasonable standard until physical works commence to the satisfaction of the Council.

1.12 That a permanent liaison person shall be appointed by the Requiring Authority for the duration of the State

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Highway 20 extension project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be available for on-going consultation on all matters of concern to affected persons.

1.13 Access shall be maintained to the land currently leased by the Pat Noton (1984) Trust under New Zealand Railways Corporation Leases L43520 and N2080, and to the land currently leased by South International Finance under New Zealand Railways Corporation Lease L44406/C25209 while those parties remain in valid occupation of the land.

2. Construction

2.1 Prior to commencement of any works on any part of the land included within the designation, the Requiring Authority shall submit a Construction Management Plan to the Council in respect of that land. The Construction Management Plan shall include specific details relating to the demolition, construction and management of all works associated with this development, including:

- a. Details of the site or project manager, including their contact details (phone, facsimile, postal address);
- b. The location of large noticeboards that clearly identify the name, telephone number and address for service of the site or project manager;
- c. Any means, such as a restriction on the size of construction vehicles and machinery, required to ensure that no damage occurs to street trees throughout the construction period;
- d. Any means of protection of services such as pipes and watermain within the road reserve;
- e. Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
- f. Measures to be adopted to ensure that pedestrian access past the works is provided where practicable and that such access is safe;
- g. Location of workers conveniences (e.g. portaloos);
- h. Ingress and egress to and from the works for vehicles during the construction period;
- i. Proposed maximum numbers and timing of truck movements throughout each day and the proposed routes;
- j. Procedures for controlling sediment runoff, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- k. Location of vehicle and construction machinery access during the construction period;
- l. Procedures to be followed for ensuring that residents within 100 metres of blast sites receive at least 24 hours written notice of any imminent blasting;
- m. Hours of operation and days of the week for construction activities;
- n. Means of providing safe pedestrian access between Keith Hay Park and the Mt Roskill Schools, and between Ernie Pinches Street and Stoddard Road during construction;
- o. Means of ensuring the safety of the general public;
- p. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works;
- q. Procedures to be followed to ensure that those working in the vicinity of Mt Roskill volcanic cone are aware of the heritage values of the cone and the steps which need to be taken to meet the conditions applying to work in this area.

The Construction Management Plan shall be implemented and maintained throughout the entire demolition and construction period.

2.1A With respect to the 20 metre wide strip situated to the north of the southern boundary of the designation within Winstone Park, during construction:

- a. Storage of materials, and vehicle or machinery parking shall only be carried out within the same area 10 metres extending from and parallel to the southern boundary of the designation;
- b. Prior to the commencement of any construction activity, a temporary 2 metre high fence shall be erected along the southern boundary of the designation to separate the Winstone Park reserve from all construction

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activities, and the fence shall not be removed until either all related construction activity is completed or the area is no longer required for that purpose.

2.1B Once construction of the motorway within the designated area between Dominion Road and Roseman Avenue is completed, any land on Mount Roskill, within the 18 metre strip previously designated (as referred to in Condition 1.8A), must be reinstated in conformity with the natural landscape and form in that vicinity, as soon as practicable.

2.2 Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of this designation at all times and not on surrounding streets.

2.3 All storage of materials and loading and unloading of equipment associated with the construction works shall take place within the boundaries of this designation.

2.4 Pedestrian access and thoroughfare shall be maintained on all roads and footpaths adjacent to the construction works where practicable. Such access shall be safe and clearly identifiable.

2.5 Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the road during the site preparation and construction phase of development. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standard as existed prior to such damage.

2.6 During construction, the New Zealand Standard NZS 6803:1999 Acoustics – Construction Noise, shall be complied with. The limits of Table 2 shall also be applied to school buildings.

2.7 Appropriate measures shall be taken during construction to minimise potential dust nuisance.

2.8 Pedestrian access between Keith Hay Park and the Mt Roskill Schools, and between Ernie Pinches Street and Stoddard Road shall be maintained during construction.

2.9 Prior to the commencement of construction in the vicinity of Winstone Park (at the Mt Roskill cone), Transit shall use its best endeavours to relocate the existing childrens' playground in the Park to a location approved by the Council.

3. Landscape and Visual Effects

3.1 A detailed landscape plan, including an implementation and maintenance programme, shall be prepared by a suitably qualified landscape architect in consultation with the Council, at the time of submitting an Outline Plan.

a. The plan shall include details of the plant sizes at the time of planting and intended species.

b. In preparing the landscape plan, the following matters shall be taken into account:

i. The integration of the highway alignment into the surrounding landscape;

ii. Mitigation of effects on properties in the vicinity of the alignment;

iii. Any proposed planting of mature trees (including replanting);

iv. Planting in respect of waterways, including stormwater ponds;

v. Planting of earth bunds;

vi. The suitability of particular species of plants to the conditions of any particular area, and the beneficial effects of any particular species in terms of air quality;

vii. The staging of landscaping with the staging of construction;

viii. Landscaping in respect of Maioro Street.

c. Such a plan is to include appropriate measures for:

i. screening views of the motorway from adjacent properties and public places;

ii. screening noise attenuation fences;

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- iii. retention or relocation of existing trees where practicable;
- iv. revegetation of the realigned stream located between Ernie Pinches Street and Stoddard Road.
- d. The landscaping shall be implemented in accordance with the landscaping plan within the first planting season following the completion of the construction works, and shall be maintained for the next five years.

3.2

- a. The Requiring Authority shall consult with the Department of Conservation ('DOC'), Auckland Conservation Board ('ACB') and the Auckland Volcanic Cones Society Inc ('AVCS') on the final design of the works shown on Figure A and associated safety fence at the base of the Mt Roskill Cone;
- b. The design of the safety fence shall incorporate materials, textures and colours appropriate to the visual and historical context of the cone;
- c. Batter slopes shall be planted with trees or shrubs suited to the conditions of the site and to the natural context of the cone;
- d. The associated safety fence shall be a minimum 1.4 metres in height and shall include appropriate safety features. The fence shall be designed to be as visually transparent as possible, while still meeting the required safety standards;
- e. The results of consultation with DOC, ACB and AVCS shall be taken into account in finalising the design of the batter slopes, reinstatement works and safety fence;
- f. Plans for the design of the batter slopes, reinstatement works and safety fence, together with a report on the consultation with DOC, ACB and AVCS, shall be provided to the Auckland City Council at the time an Outline Plan is submitted.
- g. A photographic record shall be taken as the cut proceeds to provide a visual record of the geology of the cone

3.3 Vehicle access past the oak tree at the rear of St Martin's Church (1358 Dominion Road) shall be provided in a manner which minimises excavation and damage to the tree roots.

3.4 To the extent that stormwater management allows, a landscape bund shall be constructed along the boundary of Keith Hay Park and the motorway to achieve visual and landscaping mitigation. No part of the bund shall extend beyond the boundary of the designation without specific approval from Auckland City Council as land owner.

3A. Somerset Road Tress

Trees requiring trimming or removal for the construction of the Keith Hay Park pedestrian and cycle bridge

3A.1 All tree work identified on drawing S-35-126 revision OD dated 28 May 2003 (produced by Transit and URS NZ Ltd) shall be undertaken by a recognised arboricultural contractor who is approved by the Council's parks arborist.

3A.2 Transit's Contractor shall contact the Council's parks arborist a minimum of 5 working days prior to any arboricultural work commencing to arrange for a pre works commencement meeting. All contractors and sub-contractors involved in the arboricultural works shall be present.

3A.3 All tree removals and pruning works shall be undertaken in consultation with Council's parks arborist.

3A.4 All tree pruning works shall employ recognised arboricultural target pruning practices. All such works shall be supervised by the Council's parks arborist who shall be available in accordance with the 5 days notice required in condition 3A.2.

3A.5 All tree removal work shall employ recognised arboricultural felling and dismantling practices, and shall be undertaken in a manner that avoids or minimises damage or disturbance to adjacent trees to be retained.

Protection of seven trees on southern side of Somerset Road

3A.6 Prior to any construction activities commencing a temporary barrier shall be erected as close as

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practicable to the edge of the dripline of trees numbered 1211-1217 (as identified on drawing S-35-126 revision OD dated 28 May 2003 produced by Transit and URS NZ Ltd). The location of the temporary barrier shall be determined in consultation with the Council parks arborist. The temporary barrier shall be a minimum of 2 metres in height and shall be of sturdy construction. It shall remain in place for the entire duration of all works within the vicinity of the Somerset Road trees. The temporary barrier shall be clearly identified as a 'restricted area / tree protection area' by the placement of the appropriate signage.

3A.7 Any pruning on the southern side of the poplar trees numbered 1211-1217 that may be required to provide clearance from the construction site shall be undertaken in consultation with Council's parks arborist.

3A.8 All pruning works shall be performed by a qualified competent arborist using recognised arboricultural target pruning practice. All such works shall be supervised by the Council's parks arborist who shall be available in accordance with the 5 days notice required in condition 3A.2.

3A.9 Prior to any construction activities commencing, a layer of mulch shall be laid over the entire area within the fenced area referred to in 3A.6 above. The mulch shall be a minimum thickness of 200mm, and shall be maintained at this level for the entire duration of the construction works within the vicinity of the Somerset Road trees.

3A.10 At no time shall the fenced area referred to in 3A.6 above be used for storage even temporarily of construction materials, fill, or any other materials associated with the State Highway 20 project.

3A.11 At no time shall any vehicles or equipment be even temporarily parked, stored, or manoeuvred within the fenced area referred to in 3A.6 above.

3A.12 All excavations in close proximity to the dripline of trees 1211-1217 shall require direct supervision by a competent arborist. Any root pruning which is required shall be undertaken by the arborist using recognised root pruning procedures.

4. Sediment Control and Stormwater

4.1 The Requiring Authority shall implement suitable sediment control measures during all earthworks and after construction to ensure that all stormwater run off from the site is managed and controlled to ensure that in so far as is practicable no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channels or soakage systems in accordance with the Auckland City Operative District Plan 1999 (Isthmus) Annexure 14 Guidelines for sediment control. In the event that material is deposited on the street, the Requiring Authority shall take immediate action at their own expense, to clean the street.

4.2 The Requiring Authority shall implement suitable arrangements for stormwater treatment and detention in accordance with relevant ARC guidelines.

5. Noise (Following Construction)

5.1 A noise management plan, detailing noise reduction measures to be implemented, and prepared by a suitably qualified acoustic expert, shall be submitted to the Council at the time an Outline Plan is lodged. The noise management plan shall include:

a. Measures to ensure compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise – State Highway Improvements' (December 1999), provided that the noise management plan shall not apply to the Christ the King Parish Precinct zoned land occupied by Christ the King Church and School at 288-292 Richardson Road.

5.2 The noise management plan shall identify existing dwellings for which acoustic treatment is required in order to ensure compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise – State Highway Improvements' (December 1999). Those dwellings shall be referred to as 'affected dwelling(s)'.

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5.3 Not less than three months prior to the completion of construction of the State highway, the Requiring Authority shall give written notice to the owner of each affected dwelling as follows:

- a. Advising the options available for mitigation treatment to the affected dwelling and the predicted benefits of implementation of such options in term of noise levels;
- b. Advising that the owner has nine months within which to decide whether or not to accept mitigation treatment to the dwelling.

5.4 The Requiring Authority shall advise the Council of:

- a. All written notices served in accordance with condition 5.3;
- b. Any responses received to those written notices;
- c. Those affected dwellings in respect of which no response has been received.

5.5 Where acoustic treatment is required to a dwelling, the Requiring Authority shall be deemed to have complied with condition 5.1 above where:

- a. The Requiring Authority has completed noise mitigation treatment to an affected dwelling; or
- b. The owner of the affected dwelling has refused to accept the Requiring Authority's offer to implement noise mitigation treatment to the dwelling prior to the expiry of six months after the completion of the State highway;
- or
- c. The owner of the affected dwelling cannot after reasonable enquiry be found prior to the expiry of six months after the completion of the State highway construction.

5.6 Subject to condition 5.5, all noise mitigation work identified by the noise management plan shall be implemented before the use of the State highway commences.

5.7 Low noise generating surfaces, such as friction course surfacing, shall be investigated for use on the motorway and in Maioro Street as a method of meeting Transit's Guidelines.

6. Noise and Vibration from Blasting

6.1 Blasting activities shall be so controlled as to ensure that any ground vibration as the result of any blasting will not adversely affect the structural stability of any building or structure including electrical equipment (that is not connected with the site covered by this designation) or cause a reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3:1986 'Structural Vibration in Buildings – Effect on Structures', will be deemed to meet these requirements. Peak particle velocity means the maximum particle velocity in any of the three mutually perpendicular directions. The units are millimetre per second (mm/s).

6.2 The noise created by the use of explosives for blasting shall either not exceed a peak overall sound pressure level of 128 dB (i.e. peak over pressure of 0.05 kPa) or alternatively the noise shall not exceed a peak sound level of 122 dBC. The measurement shall be made in either case at 1m from the most exposed window or door of any occupied building (that is not subject to this designation).

[Refer also condition 2.1(l) relating to notifying residents of imminent blasting.]

7. Parking, Roding and Property Access

7.1 During the detailed design stage, the Requiring Authority will consult with the Council with regard to the most appropriate means (e.g. flush medians, right turn bays) for providing access on Council roads within the designation.

7.2 Any existing on-site parking and manoeuvring areas which are affected by the works shall, as far as practicable, and in consultation with the Council and the affected landowner, be relocated or reinstated to achieve compliance with District Plan standards. Details of any such relocations or reinstatements shall be provided to the Council at the time an Outline Plan is submitted.

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7.3 Alternative access arrangements shall be provided as far as practicable, and in consultation with the Council and the affected landowner, where existing property access is removed or becomes unsafe as a result of the works. Details of any alternative access arrangements shall be provided to the Council at the time an Outline Plan is submitted.

7.4 The right of way serving the properties at 55B and 55C Stamford Park Road (Lots 1 and 2, DP46097) shall not be used by the Requiring Authority for construction access.

7.5 Any bus stops which need to be moved or shifted as direct a result of the proposed works shall be relocated in consultation with the Council. Christ the King School shall also be consulted about the relocation of the bus stop serving the school.

7.6 The Requiring Authority shall consult with the Council to preserve the Council's ability to construct a rapid transit connection at the Dominion Road interchange as set out in the Council's Notice of Requirement for designation for 'proposed enhancement of the Dominion Road passenger transport services'.

7.7 Hendry Avenue shall be severed into two cul-de-sacs for the purposes of construction of certain aspects of the project. The Requiring Authority shall reconsider whether the final form of Hendry Avenue should constitute cul-de-sacs or a through road after undertaking both further consultation with residents of Hendry Avenue, Stephen Lysnar Place and Kelsey Crescent and a further assessment of effects of both options. Transit will consult with Council officers regarding the results of the further consultation and further assessment of effects before determining the final form of Hendry Avenue.

7.8 The State highway shall be constructed with 3m wide shoulders for traffic safety purposes and to provide for potential future bus lanes.

8. Pedestrian Access

8.1 Appropriate crossing facilities for pedestrians, to mitigate the effects of the proposed works, design and consultation with the Council, shall be provided at the following intersections and roads:

- a. the Hillsborough interchange;
- b. Sandringham Road / Stoddard Road intersection;
- c. Richardson Road / Maioro Street intersection;
- d. Maioro Street / New Windsor Road intersection;
- e. the Dominion Road interchange;
- f. Maioro Street;
- g. any other intersections included within the designation.

Details of crossing facilities shall be provided to the Council at the time an Outline Plan is submitted.

8.2 Fully signalised pedestrian crossings, with a separate phase for pedestrians shall be provided at Richardson Road / Maioro Street, and Maioro Street / New Windsor Road, for the safety of school children using these intersections.

8.3 Pedestrian access shall be provided from Hillsborough Road to Melrose Road.

8.4 Provision shall be made to ensure that the works do not preclude the Council's ability to construct the proposed southwestern cycleway. In particular, and in partnership with the Council, provision shall be made for a southwestern cycleway at the following locations:

- a. Adjacent to the motorway where it passes under May Road;
- b. To be accessed from the pedestrian / cycleway bridge at Ernie Pinches Street (with adequate provision for bicycle turning movements);
- c. In the vicinity of Hendry Avenue (particularly if a decision is made that the final form of Hendry Avenue shall

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constitute cul-de-sac heads).

8.5 Pedestrian / cycle bridges conforming to the design standards of the Austroads Guide to Traffic Engineering Part 6: Pedestrians shall be provided between Somerset Road / Frost Road and Keith Hay Park, and between Ernie Pinches Street and Stoddard Road. The Requiring Authority shall also consult with Mt Roskill Schools regarding the design and location of the pedestrian / cycle bridge between Somerset Road / Frost Road and Keith Hay Park. Details of the pedestrian / cycle bridges shall be provided to the Council at the time an Outline Plan is submitted.

8.6 Boundary fencing for pedestrian safety shall be constructed along the shared boundaries of the motorway and Keith Hay Park, Akarana Golf Club, and Winstone Park.”

9. Archaeological and Geological Areas

9.1 The Requiring Authority shall employ at its expense a qualified archaeologist who shall:

- a. Be on site to monitor all initial earthworks in the immediate vicinity of the Mt Roskill cone, including surface stripping of the site, to establish whether any sub-surface archaeological features are present;
- b. Advise the Council in writing within 24 hours if any archaeological features have been discovered.

9.2 Detailed protocols for the management of archaeological and waahi tapu discoveries shall be specifically discussed with tangata whenua prior to construction.

9.3 If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched;
- c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation, City Planning of the Auckland City Council that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any authority required from the NZ Historic Places Trust is obtained.

9.4 The Requiring Authority shall employ at their expense a qualified geologist who shall:

- a. Be on site to monitor all initial earthworks in the immediate vicinity of the Mt Roskill cone;
- b. Periodically review construction activities in the vicinity of the Mt Roskill cone;
- c. Be available on call to inspect any geological features encountered during excavation at the base of the Mt Roskill cone and to enable identification of any significant geological features;
- d. Advise the Council in writing within 24 hours if any significant geological features have been discovered.

9.5 Any geological discoveries such as lava caves shall be recorded and, where practicable, damage to these features minimised. Records of any such geological discoveries shall be provided to the Auckland City Council, Auckland Regional Council and the Department of Conservation for information and future reference.

10. Lighting

10.1 Where encroachment into areas subject to view protection controls in the District Plan cannot be avoided by structures such as lighting poles and fixtures, such structures shall be designed to have minimum impact, taking into account the assessment criteria in Clause 5C.7.6.5 Rules: Volcanic Cones of the District Plan. Details of any such encroachments together with an assessment of effects shall be provided to the Council at the time an Outline Plan is submitted.

10.2 Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas.

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11. Air Emissions

11.1 Onsite monitoring of air emissions from vehicles shall be carried out over a six week period at the Maioro Street / Richardson Road intersection, adjacent to Christ the King Church and School prior to any physical works associated with the motorway being undertaken in the vicinity. The results shall be provided to the Council at the time an Outline Plan is lodged. The monitoring results shall measure the levels of carbon monoxide, nitrogen dioxide, particulate matter (PM10), and hydrocarbons in relation to air quality guidelines.

11.2 A plan for post construction monitoring of air emissions from vehicles at the Maioro Street / Richardson Road intersection adjacent to Christ the King Church and School shall be provided to the Council at the time an Outline Plan is lodged. The monitoring programme shall include the following:

- a. Engagement of an air emissions expert with specialist equipment to monitor air emissions at the above location;
- b. Measurement of carbon monoxide, nitrogen dioxide, particulate matter (PM10), and hydrocarbons in relation to air quality guidelines;
- c. Details of the number and location of monitoring positions;
- d. A requirement for copies of all air emissions monitoring reports to be provided to the Council;

The monitoring shall be carried out over a six week period within one year of the opening of the SH 20 extension. Monitoring shall be undertaken during the time of year which is expected to give rise to worse case meteorological conditions in terms of air quality.

Advice Notes

1. The Requiring Authority needs to obtain all other necessary consents and permits and comply with all relevant Council bylaws.
2. Under the Historic Places Act an Authority to Modify an Archaeological Site is required from the NZ Historic Places Trust before any work takes place on an archaeological site.
3. Some of the land is subject to existing designations. The provisions of Section 177 of the Resource Management Act 1991 apply accordingly.
4. The Council holds a comprehensive discharge consent and has a comprehensive stormwater management plan for the Oakley catchment.
5. The Requiring Authority and the Council will continue to work together to progress the design of the southwestern cycleway generally following the alignment of the State Highway 20 extension.

Attachments

No attachments.

6732 State Highway 20 - Hillsborough to Mt Roskill

Designation Number	6732
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20 from Queenstown Road, Hillborough to Maioro Street, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation H08-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

The designation is for the following work:

- a. A designation of land between Queenstown Road and the eastern end of Ernie Pinches Street as a road for state highway / motorway purposes (Map Ref H08-05);
 - b. A designation of land between Queenstown Road and New Windsor Road as road, accessway or service lane for access (Map Ref H08-06);
 - c. A designation of land westward from a point opposite Sandringham Road as road for access to and / or for state highway / motorway purposes; this component of the designation being necessary to allow for the connection of the proposed motorway to the local roading network and future grade separation between road and rail when an adjoining railway purposes designation is given effect to (Map Ref H08-07);
- including the construction, operation and maintenance of those roads, accessways and service lanes and all ancillary structures, works and activities directly associated with the proposed extension of State Highway 20 from Hillsborough Road to Maoro Road.

Conditions

1. General

1.1 To move the requirement boundary to the southeast (towards Ernie Pinches Street) to minimise encroachment over the southeastern boundary of Christ the King Church and School at 288-292 Richardson Road as shown on Plan 1/86/32/3914/8 Revision C.

1.1A That the designation be modified by reducing its size so that the part of the designation extending from Carr Road does not extend onto Lot 2, DP 77953 owned by Swift New Zealand Limited and held in Certificate of Title 34A/1386. This modification shall be as shown on Drawing Number 1/86/32/1914/2. The part of the designation on the Hayr Road boundary shall remain.

1.1B No work shall occur within the area of Winstone Park which is currently protected by the Reserves Act 1977 until determination of the High Court appeal AP123/02 (or any subsequent and related Court of Appeal proceeding), dismissing the appeal and / or authorising work within the Winstone Park Reserve.

1.1C That the designation be altered by adjusting its boundaries at 133 Stoddard Road, 67 Ernie Pinches Street and 90 May Road (the Roseman Avenue pond). This alteration shall be as shown on the following drawings produced by Transit NZ and URS NZ Ltd:

- a. P-03-087, P-03-088, P-03-89 (dated 26 Sept 02); and
- b. P-02-057, P-02-058, P-02-061 (dated 13 Aug 02).

1.1D That the designation be altered by adjusting its boundaries at 43 to 53 Hendry Avenue and 1 to 11A Maoro Street. This alteration shall be as shown on the following drawings produced by Transit NZ and URS NZ Ltd:

- a. P-03-086, P-03-090 (dated 26 Sept 02); and
- b. P-02-055, P-02-060 (dated 4 Feb 03).

1.1E That the designation be altered by adjusting its boundaries at Mt Roskill Grammar School. This alteration shall be as shown on the following drawings produced by Transit NZ and URS NZ Ltd:

- a. P-03-092 dated 26 Sept 2002;
- b. P-02-064 dated 4 February 2003;
- c. S-35-126 revision OD dated 28 May 2003;
- d. S-35-101 revision B dated 14 November 2002; and
- e. P-03-086-091 dated 4 Oct 2002.

1.1F That the designation be altered by adjusting its boundaries at the Dominion Road frontage to Winstone

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Park. This alteration shall be as shown on the following drawings drawn by URS Ltd:

- a. P-100-200 'Figure A' dated 21 May 2004; and
- b. P-100-202 'Figure B' dated May 2004.

1.1G That the designation be altered by adjusting its boundaries at the corner of Hendry Avenue and Queenstown Road (Lot 2 DP 55660). This alteration shall be as shown on the following drawings drawn by Transit NZ and URS NZ Ltd:

- a. P-100-011 dated March 2004; and
- b. C-121A, dated April 2004.

1.1H That the designation be altered by adjusting its boundaries at 110, 138A and 155 Hillsborough Road. This alteration shall be as shown on the 'SH20 - Mt Roskill Extension Proposed Alteration to Designation' drawings drawn by Transit NZ and URS NZ Ltd and referred to as:

- a. Figure 2 Rev A, Site 138 Hillsborough Road (dated October 2004);
- b. Figure 3 Rev A, Site 155 Hillsborough Road (dated October 2004); and
- c. Figure 4, Rev A, Site 110 Hillsborough Road (dated October 2004).

1.2 Except as modified by the conditions below, the work shall be undertaken in general accordance with the information provided by Transit New Zealand at the hearing; the Notice of Requirement and supporting documents, namely:

- a. 'SH20 Hillsborough to Richardson Road, Assessment of Effects on the Environment', Traffic Design Group and URS NZ Ltd, dated 2 November 2000;
- b. 'SH20 Hillsborough to Richardson Road, Scheme Assessment Report', Volume 1 – Report, Volume 2 – Drawings, Traffic Design Group and URS NZ Ltd, dated 2 November 2000;
- c. Revised attachments to the Notice of Requirement. In particular, the following drawings drawn by Traffic Design Group and URS NZ Ltd;
- d. 'Proposed designation as amended in response to matters raised during hearing 26 March-6 April 2001', Drawing numbers 1/86/32/1914/1-4 Revision E; and
- f. 'Property identification and designation boundaries (as revised post-notification)', 1/86/32/3914/1-9 Revision C.

1.3

- a. Except as modified by conditions below, works on and disturbance of the northern slopes of the Mt Roskill volcanic cone between Dominion Road and Roseman Avenue shall be generally in accordance with the works shown on Figure A (Project Drawing Number P-100-200) drawn by URS NZ Ltd dated 21 May 2004 (hereafter referred to as "Figure A"); and
- b. If as a result of detailed design, the Requiring Authority proposes any departure from the works shown on Figure A that affects Mt Roskill volcanic cone between Dominion Road and Roseman Avenue but which remains in general accordance with the drawing, the Requiring Authority shall consult with the Department of Conservation before adopting any such a departure; and
- c. No excavation beyond that associated with the extent of work shown on Figure A is permitted, except where:-
 - i. the work does not result in any further excavation of unmodified parts of the cone within Winstone Park; and
 - ii. the work is consistent with Condition 2.1B.

1.4 Where the State highway connects with Richardson Road, the route shall be redesigned and shifted towards the southeast so as to minimise the need for works to encroach across the southeastern boundary of Christ the King Church and School at 288-292 Richardson Road.

1.5 The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1)(c) of the Resource Management Act 1991.

1.6 Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015,

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by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

1.7 As soon as practicable following confirmation of the designation and completion of construction, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for removal of the existing designation F05-05 'proposed motorway; proposed motorway and railway; proposed road, Hayr Road to Richardson Road.

1.8 As soon as practicable following confirmation of the designation and completion of construction, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for removal of the existing designation A07-01 'motorway' in the vicinity of Hendry Road where designation A07-01 is replaced by the new designation.

1.9 As soon as practicable, following completion of construction, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for removal of those parts of the designation which are not required for the long term operation and maintenance of the State highway.

1.9A

a. Within three months following completion of construction of the state highway between Dominion Road and Roseman Avenue, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for the adjustment of the southern boundary of the designation between Dominion Road and Roseman Avenue to a new position approximately 18 metres northwards; and

b. Activities within the zone 2 metres to the north of the adjusted designation boundary shall thereafter be limited to inspection and maintenance purposes.

1.9B Works within Winstone Park along the Dominion Road frontage shall be undertaken in accordance with the following:

a. The design of the proposed footpath between the Winstone Park access road and the Dominion Road interchange shall be generally in accordance with the works shown on Figure A (Project Drawing Number P-100-200) drawn by URS NZ Ltd dated 21 May 2004.

b. The detailed design of the new footpath between the Winstone Park access road and the Dominion Road interchange shall be determined in consultation with the council. The following matters shall be taken into account in the final design:

i. The appropriate width;

ii. Lighting;

iii. The connection between the new footpath and the existing footpath along Dominion Road;

iv. The need to ensure changes to the Winstone Park vehicle access clearly define the pedestrian crossing point.

c. The construction of the proposed footpath between the Winstone Park access road and the Dominion Road interchange shall be undertaken in a manner which minimises excavation of the natural ground surface.

d. Prior to any construction work commencing protective fencing shall be erected to protect the trees near the area of works. Where practicable the fencing shall be to the standard described within 4.1 Protective Fencing in Annexure 5 (Guidelines for works within the vicinity of trees) of the District Plan.

e. All pruning works and construction activity at the base of the existing mature puriri and totara trees adjacent to the proposed footpath shall be undertaken in consultation with the council's parks arborist. The work shall also be undertaken in accordance with the arborist's report dated 27 February 2004, included with the notice of requirement.

f. With regard to the mature puriri to the immediate south of the Winstone Park access road, the portion of the batter within the dripline of the puriri shall be excavated under arborist's supervision, incorporating hand digging as required. All roots encountered shall be cut cleanly back to the soil face with sharp pruning tools. The exposed face shall be immediately covered with up to 50mm of high quality topsoil and the topsoil lightly compacted.

g. Any pruning of trees required to achieve clearance for the footpath shall be undertaken by a recognised

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arboricultural contractor who is approved by the council's parks arborist.

h. Transit's contractor shall contact the council's parks arborist a minimum of five working days prior to any arboricultural work commencing to arrange for a pre-works commencement meeting. All contractors and sub-contractors involved in the arboricultural work shall be present. The location of protective fencing shall be agreed in consultation with the council's parks arborist at that time.

1.10 The Requiring Authority shall pay the Council a compliance monitoring charge of \$5,000 (inclusive of GST), plus any further monitoring charge or charges to recover the actual and reasonable costs that have been incurred to ensure compliance. (This charge is to cover the cost of inspecting the site, carrying out tests, reviewing conditions, updating files and all work required to ensure compliance with the conditions on the designation). This monitoring charge shall be paid at the time an Outline Plan is submitted.

1.11 Any land taken or held for works shall be maintained to a reasonable standard until physical works commence to the satisfaction of the Council.

1.12 That a permanent liaison person shall be appointed by the Requiring Authority for the duration of the State Highway 20 extension project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be available for on-going consultation on all matters of concern to affected persons.

1.13 Access shall be maintained to the land currently leased by the Pat Noton (1984) Trust under New Zealand Railways Corporation Leases L43520 and N2080, and to the land currently leased by South International Finance under New Zealand Railways Corporation Lease L44406/C25209 while those parties remain in valid occupation of the land.

2. Construction

2.1 Prior to commencement of any works on any part of the land included within the designation, the Requiring Authority shall submit a Construction Management Plan to the Council in respect of that land. The Construction Management Plan shall include specific details relating to the demolition, construction and management of all works associated with this development, including:

- a. Details of the site or project manager, including their contact details (phone, facsimile, postal address);
- b. The location of large noticeboards that clearly identify the name, telephone number and address for service of the site or project manager;
- c. Any means, such as a restriction on the size of construction vehicles and machinery, required to ensure that no damage occurs to street trees throughout the construction period;
- d. Any means of protection of services such as pipes and watermain within the road reserve;
- e. Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
- f. Measures to be adopted to ensure that pedestrian access past the works is provided where practicable and that such access is safe;
- g. Location of workers conveniences (e.g. portaloos);
- h. Ingress and egress to and from the works for vehicles during the construction period;
- i. Proposed maximum numbers and timing of truck movements throughout each day and the proposed routes;
- j. Procedures for controlling sediment runoff, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- k. Location of vehicle and construction machinery access during the construction period;
- l. Procedures to be followed for ensuring that residents within 100 metres of blast sites receive at least 24 hours written notice of any imminent blasting;
- m. Hours of operation and days of the week for construction activities;
- n. Means of providing safe pedestrian access between Keith Hay Park and the Mt Roskill Schools, and between

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Ernie Pinches Street and Stoddard Road during construction;

o. Means of ensuring the safety of the general public;

p. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works;

q. Procedures to be followed to ensure that those working in the vicinity of Mt Roskill volcanic cone are aware of the heritage values of the cone and the steps which need to be taken to meet the conditions applying to work in this area.

The Construction Management Plan shall be implemented and maintained throughout the entire demolition and construction period.

2.1A With respect to the 20 metre wide strip situated to the north of the southern boundary of the designation within Winstone Park, during construction:

a. Storage of materials, and vehicle or machinery parking shall only be carried out within the same area 10 metres extending from and parallel to the southern boundary of the designation;

b. Prior to the commencement of any construction activity, a temporary 2 metre high fence shall be erected along the southern boundary of the designation to separate the Winstone Park reserve from all construction activities, and the fence shall not be removed until either all related construction activity is completed or the area is no longer required for that purpose.

2.1B Once construction of the motorway within the designated area between Dominion Road and Roseman Avenue is completed, any land on Mount Roskill, within the 18 metre strip previously designated (as referred to in Condition 1.8A), must be reinstated in conformity with the natural landscape and form in that vicinity, as soon as practicable.

2.2 Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of this designation at all times and not on surrounding streets.

2.3 All storage of materials and loading and unloading of equipment associated with the construction works shall take place within the boundaries of this designation.

2.4 Pedestrian access and thoroughfare shall be maintained on all roads and footpaths adjacent to the construction works where practicable. Such access shall be safe and clearly identifiable.

2.5 Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the road during the site preparation and construction phase of development. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standard as existed prior to such damage.

2.6 During construction, the New Zealand Standard NZS 6803:1999 Acoustics – Construction Noise, shall be complied with. The limits of Table 2 shall also be applied to school buildings.

2.7 Appropriate measures shall be taken during construction to minimise potential dust nuisance.

2.8 Pedestrian access between Keith Hay Park and the Mt Roskill Schools, and between Ernie Pinches Street and Stoddard Road shall be maintained during construction.

2.9 Prior to the commencement of construction in the vicinity of Winstone Park (at the Mt Roskill cone), Transit shall use its best endeavours to relocate the existing childrens' playground in the Park to a location approved by the Council.

3. Landscape and Visual Effects

3.1 A detailed landscape plan, including an implementation and maintenance programme, shall be prepared by

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a suitably qualified landscape architect in consultation with the Council, at the time of submitting an Outline Plan.

- a. The plan shall include details of the plant sizes at the time of planting and intended species.
- b. In preparing the landscape plan, the following matters shall be taken into account:
 - i. The integration of the highway alignment into the surrounding landscape;
 - ii. Mitigation of effects on properties in the vicinity of the alignment;
 - iii. Any proposed planting of mature trees (including replanting);
 - iv. Planting in respect of waterways, including stormwater ponds;
 - v. Planting of earth bunds;
 - vi. The suitability of particular species of plants to the conditions of any particular area, and the beneficial effects of any particular species in terms of air quality;
 - vii. The staging of landscaping with the staging of construction;
 - viii. Landscaping in respect of Maioro Street.
- c. Such a plan is to include appropriate measures for:
 - i. screening views of the motorway from adjacent properties and public places;
 - ii. screening noise attenuation fences;
 - iii. retention or relocation of existing trees where practicable;
 - iv. revegetation of the realigned stream located between Ernie Pinches Street and Stoddard Road.
- d. The landscaping shall be implemented in accordance with the landscaping plan within the first planting season following the completion of the construction works, and shall be maintained for the next five years.

3.2

- a. The Requiring Authority shall consult with the Department of Conservation ('DOC'), Auckland Conservation Board ('ACB') and the Auckland Volcanic Cones Society Inc ('AVCS') on the final design of the works shown on Figure A and associated safety fence at the base of the Mt Roskill Cone;
- b. The design of the safety fence shall incorporate materials, textures and colours appropriate to the visual and historical context of the cone;
- c. Batter slopes shall be planted with trees or shrubs suited to the conditions of the site and to the natural context of the cone;
- d. The associated safety fence shall be a minimum 1.4 metres in height and shall include appropriate safety features. The fence shall be designed to be as visually transparent as possible, while still meeting the required safety standards;
- e. The results of consultation with DOC, ACB and AVCS shall be taken into account in finalising the design of the batter slopes, reinstatement works and safety fence;
- f. Plans for the design of the batter slopes, reinstatement works and safety fence, together with a report on the consultation with DOC, ACB and AVCS, shall be provided to the Auckland City Council at the time an Outline Plan is submitted.
- g. A photographic record shall be taken as the cut proceeds to provide a visual record of the geology of the cone

3.3 Vehicle access past the oak tree at the rear of St Martin's Church (1358 Dominion Road) shall be provided in a manner which minimises excavation and damage to the tree roots.

3.4 To the extent that stormwater management allows, a landscape bund shall be constructed along the boundary of Keith Hay Park and the motorway to achieve visual and landscaping mitigation. No part of the bund shall extend beyond the boundary of the designation without specific approval from Auckland City Council as land owner.

3A. Somerset Road Tress

Trees requiring trimming or removal for the construction of the Keith Hay Park pedestrian and cycle bridge

3A.1 All tree work identified on drawing S-35-126 revision OD dated 28 May 2003 (produced by Transit and URS NZ Ltd) shall be undertaken by a recognised arboricultural contractor who is approved by the Council's parks arborist.

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3A.2 Transit's Contractor shall contact the Council's parks arborist a minimum of 5 working days prior to any arboricultural work commencing to arrange for a pre works commencement meeting. All contractors and sub-contractors involved in the arboricultural works shall be present.

3A.3 All tree removals and pruning works shall be undertaken in consultation with Council's parks arborist.

3A.4 All tree pruning works shall employ recognised arboricultural target pruning practices. All such works shall be supervised by the Council's parks arborist who shall be available in accordance with the 5 days notice required in condition 3A.2.

3A.5 All tree removal work shall employ recognised arboricultural felling and dismantling practices, and shall be undertaken in a manner that avoids or minimises damage or disturbance to adjacent trees to be retained.

Protection of seven trees on southern side of Somerset Road

3A.6 Prior to any construction activities commencing a temporary barrier shall be erected as close as practicable to the edge of the dripline of trees numbered 1211-1217 (as identified on drawing S-35-126 revision OD dated 28 May 2003 produced by Transit and URS NZ Ltd). The location of the temporary barrier shall be determined in consultation with the Council parks arborist. The temporary barrier shall be a minimum of 2 metres in height and shall be of sturdy construction. It shall remain in place for the entire duration of all works within the vicinity of the Somerset Road trees. The temporary barrier shall be clearly identified as a 'restricted area / tree protection area' by the placement of the appropriate signage.

3A.7 Any pruning on the southern side of the poplar trees numbered 1211-1217 that may be required to provide clearance from the construction site shall be undertaken in consultation with Council's parks arborist.

3A.8 All pruning works shall be performed by a qualified competent arborist using recognised arboricultural target pruning practice. All such works shall be supervised by the Council's parks arborist who shall be available in accordance with the 5 days notice required in condition 3A.2.

3A.9 Prior to any construction activities commencing, a layer of mulch shall be laid over the entire area within the fenced area referred to in 3A.6 above. The mulch shall be a minimum thickness of 200mm, and shall be maintained at this level for the entire duration of the construction works within the vicinity of the Somerset Road trees.

3A.10 At no time shall the fenced area referred to in 3A.6 above be used for storage even temporarily of construction materials, fill, or any other materials associated with the State Highway 20 project.

3A.11 At no time shall any vehicles or equipment be even temporarily parked, stored, or manoeuvred within the fenced area referred to in 3A.6 above.

3A.12 All excavations in close proximity to the dripline of trees 1211-1217 shall require direct supervision by a competent arborist. Any root pruning which is required shall be undertaken by the arborist using recognised root pruning procedures.

4. Sediment Control and Stormwater

4.1 The Requiring Authority shall implement suitable sediment control measures during all earthworks and after construction to ensure that all stormwater run off from the site is managed and controlled to ensure that in so far as is practicable no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channels or soakage systems in accordance with the Auckland City Operative District Plan 1999 (Isthmus) Annexure 14 Guidelines for sediment control. In the event that material is deposited on the street, the Requiring Authority shall take immediate action at their own expense, to clean the street.

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4.2 The Requiring Authority shall implement suitable arrangements for stormwater treatment and detention in accordance with relevant ARC guidelines.

5. Noise (Following Construction)

5.1 A noise management plan, detailing noise reduction measures to be implemented, and prepared by a suitably qualified acoustic expert, shall be submitted to the Council at the time an Outline Plan is lodged. The noise management plan shall include:

a. Measures to ensure compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise – State Highway Improvements' (December 1999), provided that the noise management plan shall not apply to the Christ the King Parish Precinct zoned land occupied by Christ the King Church and School at 288-292 Richardson Road.

5.2 The noise management plan shall identify existing dwellings for which acoustic treatment is required in order to ensure compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise – State Highway Improvements' (December 1999). Those dwellings shall be referred to as 'affected dwelling(s)'.

5.3 Not less than three months prior to the completion of construction of the State highway, the Requiring Authority shall give written notice to the owner of each affected dwelling as follows:

a. Advising the options available for mitigation treatment to the affected dwelling and the predicted benefits of implementation of such options in term of noise levels;
b. Advising that the owner has nine months within which to decide whether or not to accept mitigation treatment to the dwelling.

5.4 The Requiring Authority shall advise the Council of:

a. All written notices served in accordance with condition 5.3;
b. Any responses received to those written notices;
c. Those affected dwellings in respect of which no response has been received.

5.5 Where acoustic treatment is required to a dwelling, the Requiring Authority shall be deemed to have complied with condition 5.1 above where:

a. The Requiring Authority has completed noise mitigation treatment to an affected dwelling; or
b. The owner of the affected dwelling has refused to accept the Requiring Authority's offer to implement noise mitigation treatment to the dwelling prior to the expiry of six months after the completion of the State highway;
or
c. The owner of the affected dwelling cannot after reasonable enquiry be found prior to the expiry of six months after the completion of the State highway construction.

5.6 Subject to condition 5.5, all noise mitigation work identified by the noise management plan shall be implemented before the use of the State highway commences.

5.7 Low noise generating surfaces, such as friction course surfacing, shall be investigated for use on the motorway and in Maioro Street as a method of meeting Transit's Guidelines.

6. Noise and Vibration from Blasting

6.1 Blasting activities shall be so controlled as to ensure that any ground vibration as the result of any blasting will not adversely affect the structural stability of any building or structure including electrical equipment (that is not connected with the site covered by this designation) or cause a reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3:1986 'Structural Vibration in Buildings – Effect on Structures', will be deemed to meet these requirements. Peak particle velocity means the maximum particle velocity in any of the three mutually perpendicular directions. The units are millimetre per second (mm/s).

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6.2 The noise created by the use of explosives for blasting shall either not exceed a peak overall sound pressure level of 128 dB (i.e. peak over pressure of 0.05 kPa) or alternatively the noise shall not exceed a peak sound level of 122 dBC. The measurement shall be made in either case at 1m from the most exposed window or door of any occupied building (that is not subject to this designation).

[Refer also condition 2.1(l) relating to notifying residents of imminent blasting.]

7. Parking, Roothing and Property Access

7.1 During the detailed design stage, the Requiring Authority will consult with the Council with regard to the most appropriate means (e.g. flush medians, right turn bays) for providing access on Council roads within the designation.

7.2 Any existing on-site parking and manoeuvring areas which are affected by the works shall, as far as practicable, and in consultation with the Council and the affected landowner, be relocated or reinstated to achieve compliance with District Plan standards. Details of any such relocations or reinstatements shall be provided to the Council at the time an Outline Plan is submitted.

7.3 Alternative access arrangements shall be provided as far as practicable, and in consultation with the Council and the affected landowner, where existing property access is removed or becomes unsafe as a result of the works. Details of any alternative access arrangements shall be provided to the Council at the time an Outline Plan is submitted.

7.4 The right of way serving the properties at 55B and 55C Stamford Park Road (Lots 1 and 2, DP46097) shall not be used by the Requiring Authority for construction access.

7.5 Any bus stops which need to be moved or shifted as direct a result of the proposed works shall be relocated in consultation with the Council. Christ the King School shall also be consulted about the relocation of the bus stop serving the school.

7.6 The Requiring Authority shall consult with the Council to preserve the Council's ability to construct a rapid transit connection at the Dominion Road interchange as set out in the Council's Notice of Requirement for designation for 'proposed enhancement of the Dominion Road passenger transport services'.

7.7 Hendry Avenue shall be severed into two cul-de-sacs for the purposes of construction of certain aspects of the project. The Requiring Authority shall reconsider whether the final form of Hendry Avenue should constitute cul-de-sacs or a through road after undertaking both further consultation with residents of Hendry Avenue, Stephen Lysnar Place and Kelsey Crescent and a further assessment of effects of both options. Transit will consult with Council officers regarding the results of the further consultation and further assessment of effects before determining the final form of Hendry Avenue.

7.8 The State highway shall be constructed with 3m wide shoulders for traffic safety purposes and to provide for potential future bus lanes.

8. Pedestrian Access

8.1 Appropriate crossing facilities for pedestrians, to mitigate the effects of the proposed works, design and consultation with the Council, shall be provided at the following intersections and roads:

- a. the Hillsborough interchange;
- b. Sandringham Road / Stoddard Road intersection;
- c. Richardson Road / Maioro Street intersection;
- d. Maioro Street / New Windsor Road intersection;
- e. the Dominion Road interchange;
- f. Maioro Street;
- g. any other intersections included within the designation.

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Details of crossing facilities shall be provided to the Council at the time an Outline Plan is submitted.

8.2 Fully signalised pedestrian crossings, with a separate phase for pedestrians shall be provided at Richardson Road / Maioro Street, and Maioro Street / New Windsor Road, for the safety of school children using these intersections.

8.3 Pedestrian access shall be provided from Hillsborough Road to Melrose Road.

8.4 Provision shall be made to ensure that the works do not preclude the Council's ability to construct the proposed southwestern cycleway. In particular, and in partnership with the Council, provision shall be made for a southwestern cycleway at the following locations:

- a. Adjacent to the motorway where it passes under May Road;
- b. To be accessed from the pedestrian / cycleway bridge at Ernie Pinches Street (with adequate provision for bicycle turning movements);
- c. In the vicinity of Hendry Avenue (particularly if a decision is made that the final form of Hendry Avenue shall constitute cul-de-sac heads).

8.5 Pedestrian / cycle bridges conforming to the design standards of the Austroads Guide to Traffic Engineering Part 6: Pedestrians shall be provided between Somerset Road / Frost Road and Keith Hay Park, and between Ernie Pinches Street and Stoddard Road. The Requiring Authority shall also consult with Mt Roskill Schools regarding the design and location of the pedestrian / cycle bridge between Somerset Road / Frost Road and Keith Hay Park. Details of the pedestrian / cycle bridges shall be provided to the Council at the time an Outline Plan is submitted.

8.6 Boundary fencing for pedestrian safety shall be constructed along the shared boundaries of the motorway and Keith Hay Park, Akarana Golf Club, and Winstone Park."

9. Archaeological and Geological Areas

9.1 The Requiring Authority shall employ at its expense a qualified archaeologist who shall:

- a. Be on site to monitor all initial earthworks in the immediate vicinity of the Mt Roskill cone, including surface stripping of the site, to establish whether any sub-surface archaeological features are present;
- b. Advise the Council in writing within 24 hours if any archaeological features have been discovered.

9.2 Detailed protocols for the management of archaeological and waahi tapu discoveries shall be specifically discussed with tangata whenua prior to construction.

9.3 If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched;
- c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation, City Planning of the Auckland City Council that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any authority required from the NZ Historic Places Trust is obtained.

9.4 The Requiring Authority shall employ at their expense a qualified geologist who shall:

- a. Be on site to monitor all initial earthworks in the immediate vicinity of the Mt Roskill cone;
- b. Periodically review construction activities in the vicinity of the Mt Roskill cone;
- c. Be available on call to inspect any geological features encountered during excavation at the base of the Mt Roskill cone and to enable identification of any significant geological features;

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d. Advise the Council in writing within 24 hours if any significant geological features have been discovered.

9.5 Any geological discoveries such as lava caves shall be recorded and, where practicable, damage to these features minimised. Records of any such geological discoveries shall be provided to the Auckland City Council, Auckland Regional Council and the Department of Conservation for information and future reference.

10. Lighting

10.1 Where encroachment into areas subject to view protection controls in the District Plan cannot be avoided by structures such as lighting poles and fixtures, such structures shall be designed to have minimum impact, taking into account the assessment criteria in Clause 5C.7.6.5 Rules: Volcanic Cones of the District Plan. Details of any such encroachments together with an assessment of effects shall be provided to the Council at the time an Outline Plan is submitted.

10.2 Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas.

11. Air Emissions

11.1 Onsite monitoring of air emissions from vehicles shall be carried out over a six week period at the Maioro Street / Richardson Road intersection, adjacent to Christ the King Church and School prior to any physical works associated with the motorway being undertaken in the vicinity. The results shall be provided to the Council at the time an Outline Plan is lodged. The monitoring results shall measure the levels of carbon monoxide, nitrogen dioxide, particulate matter (PM10), and hydrocarbons in relation to air quality guidelines.

11.2 A plan for post construction monitoring of air emissions from vehicles at the Maioro Street / Richardson Road intersection adjacent to Christ the King Church and School shall be provided to the Council at the time an Outline Plan is lodged. The monitoring programme shall include the following:

- a. Engagement of an air emissions expert with specialist equipment to monitor air emissions at the above location;
 - b. Measurement of carbon monoxide, nitrogen dioxide, particulate matter (PM10), and hydrocarbons in relation to air quality guidelines;
 - c. Details of the number and location of monitoring positions;
 - d. A requirement for copies of all air emissions monitoring reports to be provided to the Council;
- The monitoring shall be carried out over a six week period within one year of the opening of the SH 20 extension. Monitoring shall be undertaken during the time of year which is expected to give rise to worse case meteorological conditions in terms of air quality.

Advice Notes

1. The Requiring Authority needs to obtain all other necessary consents and permits and comply with all relevant Council bylaws.
2. Under the Historic Places Act an Authority to Modify an Archaeological Site is required from the NZ Historic Places Trust before any work takes place on an archaeological site.
3. Some of the land is subject to existing designations. The provisions of Section 177 of the Resource Management Act 1991 apply accordingly.
4. The Council holds a comprehensive discharge consent and has a comprehensive stormwater management plan for the Oakley catchment.
5. The Requiring Authority and the Council will continue to work together to progress the design of the southwestern cycleway generally following the alignment of the State Highway 20 extension.

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Attachments

No attachments.

6733 State Highway 20 - Road Access Mt Roskill

Designation Number	6733
Requiring Authority	New Zealand Transport Agency
Location	State Highway 20 in the vicinity of Earnie Pinches Street, My Roskill
Rollover Designation	Yes
Legacy Reference	Designation H08-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The designation is for the following work:

- a. A designation of land between Queenstown Road and the eastern end of Ernie Pinches Street as a road for state highway / motorway purposes (Map Ref H08-05);
 - b. A designation of land between Queenstown Road and New Windsor Road as road, accessway or service lane for access (Map Ref H08-06);
 - c. A designation of land westward from a point opposite Sandringham Road as road for access to and / or for state highway / motorway purposes; this component of the designation being necessary to allow for the connection of the proposed motorway to the local roading network and future grade separation between road and rail when an adjoining railway purposes designation is given effect to (Map Ref H08-07);
- including the construction, operation and maintenance of those roads, accessways and service lanes and all ancillary structures, works and activities directly associated with the proposed extension of State Highway 20 from Hillsborough Road to Maoro Road.

Conditions

1. General

1.1 To move the requirement boundary to the southeast (towards Ernie Pinches Street) to minimise encroachment over the southeastern boundary of Christ the King Church and School at 288-292 Richardson Road as shown on Plan 1/86/32/3914/8 Revision C.

1.1A That the designation be modified by reducing its size so that the part of the designation extending from Carr Road does not extend onto Lot 2, DP 77953 owned by Swift New Zealand Limited and held in Certificate of Title 34A/1386. This modification shall be as shown on Drawing Number 1/86/32/1914/2. The part of the designation on the Hayr Road boundary shall remain.

1.1B No work shall occur within the area of Winstone Park which is currently protected by the Reserves Act 1977 until determination of the High Court appeal AP123/02 (or any subsequent and related Court of Appeal proceeding), dismissing the appeal and / or authorising work within the Winstone Park Reserve.

1.1C That the designation be altered by adjusting its boundaries at 133 Stoddard Road, 67 Ernie Pinches Street and 90 May Road (the Roseman Avenue pond). This alteration shall be as shown on the following drawings produced by Transit NZ and URS NZ Ltd:

- a. P-03-087, P-03-088, P-03-89 (dated 26 Sept 02); and
- b. P-02-057, P-02-058, P-02-061 (dated 13 Aug 02).

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1.1D That the designation be altered by adjusting its boundaries at 43 to 53 Hendry Avenue and 1 to 11A Maoro Street. This alteration shall be as shown on the following drawings produced by Transit NZ and URS NZ Ltd:

- a. P-03-086, P-03-090 (dated 26 Sept 02); and
- b. P-02-055, P-02-060 (dated 4 Feb 03).

1.1E That the designation be altered by adjusting its boundaries at Mt Roskill Grammar School. This alteration shall be as shown on the following drawings produced by Transit NZ and URS NZ Ltd:

- a. P-03-092 dated 26 Sept 2002;
- b. P-02-064 dated 4 February 2003;
- c. S-35-126 revision OD dated 28 May 2003;
- d. S-35-101 revision B dated 14 November 2002; and
- e. P-03-086-091 dated 4 Oct 2002.

1.1F That the designation be altered by adjusting its boundaries at the Dominion Road frontage to Winstone Park. This alteration shall be as shown on the following drawings drawn by URS Ltd:

- a. P-100-200 'Figure A' dated 21 May 2004; and
- b. P-100-202 'Figure B' dated May 2004.

1.1G That the designation be altered by adjusting its boundaries at the corner of Hendry Avenue and Queenstown Road (Lot 2 DP 55660). This alteration shall be as shown on the following drawings drawn by Transit NZ and URS NZ Ltd:

- a. P-100-011 dated March 2004; and
- b. C-121A, dated April 2004.

1.1H That the designation be altered by adjusting its boundaries at 110, 138A and 155 Hillsborough Road. This alteration shall be as shown on the 'SH20 - Mt Roskill Extension Proposed Alteration to Designation' drawings drawn by Transit NZ and URS NZ Ltd and referred to as:

- a. Figure 2 Rev A, Site 138 Hillsborough Road (dated October 2004);
- b. Figure 3 Rev A, Site 155 Hillsborough Road (dated October 2004); and
- c. Figure 4, Rev A, Site 110 Hillsborough Road (dated October 2004).

1.2 Except as modified by the conditions below, the work shall be undertaken in general accordance with the information provided by Transit New Zealand at the hearing; the Notice of Requirement and supporting documents, namely:

- a. 'SH20 Hillsborough to Richardson Road, Assessment of Effects on the Environment', Traffic Design Group and URS NZ Ltd, dated 2 November 2000;
- b. 'SH20 Hillsborough to Richardson Road, Scheme Assessment Report', Volume 1 – Report, Volume 2 – Drawings, Traffic Design Group and URS NZ Ltd, dated 2 November 2000;
- c. Revised attachments to the Notice of Requirement. In particular, the following drawings drawn by Traffic Design Group and URS NZ Ltd;
- d. 'Proposed designation as amended in response to matters raised during hearing 26 March-6 April 2001', Drawing numbers 1/86/32/1914/1-4 Revision E; and
- f. 'Property identification and designation boundaries (as revised post-notification)', 1/86/32/3914/1-9 Revision C.

1.3

- a. Except as modified by conditions below, works on and disturbance of the northern slopes of the Mt Roskill volcanic cone between Dominion Road and Roseman Avenue shall be generally in accordance with the works shown on Figure A (Project Drawing Number P-100-200) drawn by URS NZ Ltd dated 21 May 2004 (hereafter referred to as "Figure A"); and
- b. If as a result of detailed design, the Requiring Authority proposes any departure from the works shown on Figure A that affects Mt Roskill volcanic cone between Dominion Road and Roseman Avenue but which remains

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in general accordance with the drawing, the Requiring Authority shall consult with the Department of Conservation before adopting any such a departure; and

c. No excavation beyond that associated with the extent of work shown on Figure A is permitted, except where:-

- i. the work does not result in any further excavation of unmodified parts of the cone within Winstone Park; and
- ii. the work is consistent with Condition 2.1B.

1.4 Where the State highway connects with Richardson Road, the route shall be redesigned and shifted towards the southeast so as to minimise the need for works to encroach across the southeastern boundary of Christ the King Church and School at 288-292 Richardson Road.

1.5 The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1)(c) of the Resource Management Act 1991.

1.6 Unless lapsed prior to 15 June 2010, the expiry date of this designation was extended to 1 November 2015, by S78 of the Local Government (Auckland Transitional Provisions) Act 2010.

1.7 As soon as practicable following confirmation of the designation and completion of construction, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for removal of the existing designation F05-05 'proposed motorway; proposed motorway and railway; proposed road, Hayr Road to Richardson Road.

1.8 As soon as practicable following confirmation of the designation and completion of construction, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for removal of the existing designation A07-01 'motorway' in the vicinity of Hendry Road where designation A07-01 is replaced by the new designation.

1.9 As soon as practicable, following completion of construction, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for removal of those parts of the designation which are not required for the long term operation and maintenance of the State highway.

1.9A

a. Within three months following completion of construction of the state highway between Dominion Road and Roseman Avenue, the Requiring Authority shall give notice to the Council in accordance with Section 182 of the RMA for the adjustment of the southern boundary of the designation between Dominion Road and Roseman Avenue to a new position approximately 18 metres northwards; and

b. Activities within the zone 2 metres to the north of the adjusted designation boundary shall thereafter be limited to inspection and maintenance purposes.

1.9B Works within Winstone Park along the Dominion Road frontage shall be undertaken in accordance with the following:

a. The design of the proposed footpath between the Winstone Park access road and the Dominion Road interchange shall be generally in accordance with the works shown on Figure A (Project Drawing Number P-100-200) drawn by URS NZ Ltd dated 21 May 2004.

b. The detailed design of the new footpath between the Winstone Park access road and the Dominion Road interchange shall be determined in consultation with the council. The following matters shall be taken into account in the final design:

- i. The appropriate width;
- ii. Lighting;
- iii. The connection between the new footpath and the existing footpath along Dominion Road;
- iv. The need to ensure changes to the Winstone Park vehicle access clearly define the pedestrian crossing point.

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- c. The construction of the proposed footpath between the Winstone Park access road and the Dominion Road interchange shall be undertaken in a manner which minimises excavation of the natural ground surface.
- d. Prior to any construction work commencing protective fencing shall be erected to protect the trees near the area of works. Where practicable the fencing shall be to the standard described within 4.1 Protective Fencing in Annexure 5 (Guidelines for works within the vicinity of trees) of the District Plan.
- e. All pruning works and construction activity at the base of the existing mature puriri and totara trees adjacent to the proposed footpath shall be undertaken in consultation with the council's parks arborist. The work shall also be undertaken in accordance with the arborist's report dated 27 February 2004, included with the notice of requirement.
- f. With regard to the mature puriri to the immediate south of the Winstone Park access road, the portion of the batter within the dripline of the puriri shall be excavated under arborist's supervision, incorporating hand digging as required. All roots encountered shall be cut cleanly back to the soil face with sharp pruning tools. The exposed face shall be immediately covered with up to 50mm of high quality topsoil and the topsoil lightly compacted.
- g. Any pruning of trees required to achieve clearance for the footpath shall be undertaken by a recognised arboricultural contractor who is approved by the council's parks arborist.
- h. Transit's contractor shall contact the council's parks arborist a minimum of five working days prior to any arboricultural work commencing to arrange for a pre-works commencement meeting. All contractors and sub-contractors involved in the arboricultural work shall be present. The location of protective fencing shall be agreed in consultation with the council's parks arborist at that time.

1.10 The Requiring Authority shall pay the Council a compliance monitoring charge of \$5,000 (inclusive of GST), plus any further monitoring charge or charges to recover the actual and reasonable costs that have been incurred to ensure compliance. (This charge is to cover the cost of inspecting the site, carrying out tests, reviewing conditions, updating files and all work required to ensure compliance with the conditions on the designation). This monitoring charge shall be paid at the time an Outline Plan is submitted.

1.11 Any land taken or held for works shall be maintained to a reasonable standard until physical works commence to the satisfaction of the Council.

1.12 That a permanent liaison person shall be appointed by the Requiring Authority for the duration of the State Highway 20 extension project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be available for on-going consultation on all matters of concern to affected persons.

1.13 Access shall be maintained to the land currently leased by the Pat Noton (1984) Trust under New Zealand Railways Corporation Leases L43520 and N2080, and to the land currently leased by South International Finance under New Zealand Railways Corporation Lease L44406/C25209 while those parties remain in valid occupation of the land.

2. Construction

2.1 Prior to commencement of any works on any part of the land included within the designation, the Requiring Authority shall submit a Construction Management Plan to the Council in respect of that land. The Construction Management Plan shall include specific details relating to the demolition, construction and management of all works associated with this development, including:

- a. Details of the site or project manager, including their contact details (phone, facsimile, postal address);
- b. The location of large noticeboards that clearly identify the name, telephone number and address for service of the site or project manager;
- c. Any means, such as a restriction on the size of construction vehicles and machinery, required to ensure that no damage occurs to street trees throughout the construction period;
- d. Any means of protection of services such as pipes and watermain within the road reserve;

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- e. Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
- f. Measures to be adopted to ensure that pedestrian access past the works is provided where practicable and that such access is safe;
- g. Location of workers conveniences (e.g. portaloos);
- h. Ingress and egress to and from the works for vehicles during the construction period;
- i. Proposed maximum numbers and timing of truck movements throughout each day and the proposed routes;
- j. Procedures for controlling sediment runoff, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- k. Location of vehicle and construction machinery access during the construction period;
- l. Procedures to be followed for ensuring that residents within 100 metres of blast sites receive at least 24 hours written notice of any imminent blasting;
- m. Hours of operation and days of the week for construction activities;
- n. Means of providing safe pedestrian access between Keith Hay Park and the Mt Roskill Schools, and between Ernie Pinches Street and Stoddard Road during construction;
- o. Means of ensuring the safety of the general public;
- p. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works;
- q. Procedures to be followed to ensure that those working in the vicinity of Mt Roskill volcanic cone are aware of the heritage values of the cone and the steps which need to be taken to meet the conditions applying to work in this area.

The Construction Management Plan shall be implemented and maintained throughout the entire demolition and construction period.

2.1A With respect to the 20 metre wide strip situated to the north of the southern boundary of the designation within Winstone Park, during construction:

- a. Storage of materials, and vehicle or machinery parking shall only be carried out within the same area 10 metres extending from and parallel to the southern boundary of the designation;
- b. Prior to the commencement of any construction activity, a temporary 2 metre high fence shall be erected along the southern boundary of the designation to separate the Winstone Park reserve from all construction activities, and the fence shall not be removed until either all related construction activity is completed or the area is no longer required for that purpose.

2.1B Once construction of the motorway within the designated area between Dominion Road and Roseman Avenue is completed, any land on Mount Roskill, within the 18 metre strip previously designated (as referred to in Condition 1.8A), must be reinstated in conformity with the natural landscape and form in that vicinity, as soon as practicable.

2.2 Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of this designation at all times and not on surrounding streets.

2.3 All storage of materials and loading and unloading of equipment associated with the construction works shall take place within the boundaries of this designation.

2.4 Pedestrian access and thoroughfare shall be maintained on all roads and footpaths adjacent to the construction works where practicable. Such access shall be safe and clearly identifiable.

2.5 Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the road during the site preparation and construction phase of development. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standard as existed prior to such damage.

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2.6 During construction, the New Zealand Standard NZS 6803:1999 Acoustics – Construction Noise, shall be complied with. The limits of Table 2 shall also be applied to school buildings.

2.7 Appropriate measures shall be taken during construction to minimise potential dust nuisance.

2.8 Pedestrian access between Keith Hay Park and the Mt Roskill Schools, and between Ernie Pinches Street and Stoddard Road shall be maintained during construction.

2.9 Prior to the commencement of construction in the vicinity of Winstone Park (at the Mt Roskill cone), Transit shall use its best endeavours to relocate the existing childrens' playground in the Park to a location approved by the Council.

3. Landscape and Visual Effects

3.1 A detailed landscape plan, including an implementation and maintenance programme, shall be prepared by a suitably qualified landscape architect in consultation with the Council, at the time of submitting an Outline Plan.

- a. The plan shall include details of the plant sizes at the time of planting and intended species.
- b. In preparing the landscape plan, the following matters shall be taken into account:
 - i. The integration of the highway alignment into the surrounding landscape;
 - ii. Mitigation of effects on properties in the vicinity of the alignment;
 - iii. Any proposed planting of mature trees (including replanting);
 - iv. Planting in respect of waterways, including stormwater ponds;
 - v. Planting of earth bunds;
 - vi. The suitability of particular species of plants to the conditions of any particular area, and the beneficial effects of any particular species in terms of air quality;
 - vii. The staging of landscaping with the staging of construction;
 - viii. Landscaping in respect of Maioro Street.
- c. Such a plan is to include appropriate measures for:
 - i. screening views of the motorway from adjacent properties and public places;
 - ii. screening noise attenuation fences;
 - iii. retention or relocation of existing trees where practicable;
 - iv. revegetation of the realigned stream located between Ernie Pinches Street and Stoddard Road.
- d. The landscaping shall be implemented in accordance with the landscaping plan within the first planting season following the completion of the construction works, and shall be maintained for the next five years.

3.2

- a. The Requiring Authority shall consult with the Department of Conservation ('DOC'), Auckland Conservation Board ('ACB') and the Auckland Volcanic Cones Society Inc ('AVCS') on the final design of the works shown on Figure A and associated safety fence at the base of the Mt Roskill Cone;
- b. The design of the safety fence shall incorporate materials, textures and colours appropriate to the visual and historical context of the cone;
- c. Batter slopes shall be planted with trees or shrubs suited to the conditions of the site and to the natural context of the cone;
- d. The associated safety fence shall be a minimum 1.4 metres in height and shall include appropriate safety features. The fence shall be designed to be as visually transparent as possible, while still meeting the required safety standards;
- e. The results of consultation with DOC, ACB and AVCS shall be taken into account in finalising the design of the batter slopes, reinstatement works and safety fence;
- f. Plans for the design of the batter slopes, reinstatement works and safety fence, together with a report on the consultation with DOC, ACB and AVCS, shall be provided to the Auckland City Council at the time an Outline Plan is submitted.
- g. A photographic record shall be taken as the cut proceeds to provide a visual record of the geology of the cone

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3.3 Vehicle access past the oak tree at the rear of St Martin's Church (1358 Dominion Road) shall be provided in a manner which minimises excavation and damage to the tree roots.

3.4 To the extent that stormwater management allows, a landscape bund shall be constructed along the boundary of Keith Hay Park and the motorway to achieve visual and landscaping mitigation. No part of the bund shall extend beyond the boundary of the designation without specific approval from Auckland City Council as land owner.

3A. Somerset Road Tress

Trees requiring trimming or removal for the construction of the Keith Hay Park pedestrian and cycle bridge

3A.1 All tree work identified on drawing S-35-126 revision OD dated 28 May 2003 (produced by Transit and URS NZ Ltd) shall be undertaken by a recognised arboricultural contractor who is approved by the Council's parks arborist.

3A.2 Transit's Contractor shall contact the Council's parks arborist a minimum of 5 working days prior to any arboricultural work commencing to arrange for a pre works commencement meeting. All contractors and sub-contractors involved in the arboricultural works shall be present.

3A.3 All tree removals and pruning works shall be undertaken in consultation with Council's parks arborist.

3A.4 All tree pruning works shall employ recognised arboricultural target pruning practices. All such works shall be supervised by the Council's parks arborist who shall be available in accordance with the 5 days notice required in condition 3A.2.

3A.5 All tree removal work shall employ recognised arboricultural felling and dismantling practices, and shall be undertaken in a manner that avoids or minimises damage or disturbance to adjacent trees to be retained.

Protection of seven trees on southern side of Somerset Road

3A.6 Prior to any construction activities commencing a temporary barrier shall be erected as close as practicable to the edge of the dripline of trees numbered 1211-1217 (as identified on drawing S-35-126 revision OD dated 28 May 2003 produced by Transit and URS NZ Ltd). The location of the temporary barrier shall be determined in consultation with the Council parks arborist. The temporary barrier shall be a minimum of 2 metres in height and shall be of sturdy construction. It shall remain in place for the entire duration of all works within the vicinity of the Somerset Road trees. The temporary barrier shall be clearly identified as a 'restricted area / tree protection area' by the placement of the appropriate signage.

3A.7 Any pruning on the southern side of the poplar trees numbered 1211-1217 that may be required to provide clearance from the construction site shall be undertaken in consultation with Council's parks arborist.

3A.8 All pruning works shall be performed by a qualified competent arborist using recognised arboricultural target pruning practice. All such works shall be supervised by the Council's parks arborist who shall be available in accordance with the 5 days notice required in condition 3A.2.

3A.9 Prior to any construction activities commencing, a layer of mulch shall be laid over the entire area within the fenced area referred to in 3A.6 above. The mulch shall be a minimum thickness of 200mm, and shall be maintained at this level for the entire duration of the construction works within the vicinity of the Somerset Road trees.

3A.10 At no time shall the fenced area referred to in 3A.6 above be used for storage even temporarily of construction materials, fill, or any other materials associated with the State Highway 20 project.

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3A.11 At no time shall any vehicles or equipment be even temporarily parked, stored, or manoeuvred within the fenced area referred to in 3A.6 above.

3A.12 All excavations in close proximity to the dripline of trees 1211-1217 shall require direct supervision by a competent arborist. Any root pruning which is required shall be undertaken by the arborist using recognised root pruning procedures.

4. Sediment Control and Stormwater

4.1 The Requiring Authority shall implement suitable sediment control measures during all earthworks and after construction to ensure that all stormwater run off from the site is managed and controlled to ensure that in so far as is practicable no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channels or soakage systems in accordance with the Auckland City Operative District Plan 1999 (Isthmus) Annexure 14 Guidelines for sediment control. In the event that material is deposited on the street, the Requiring Authority shall take immediate action at their own expense, to clean the street.

4.2 The Requiring Authority shall implement suitable arrangements for stormwater treatment and detention in accordance with relevant ARC guidelines.

5. Noise (Following Construction)

5.1 A noise management plan, detailing noise reduction measures to be implemented, and prepared by a suitably qualified acoustic expert, shall be submitted to the Council at the time an Outline Plan is lodged. The noise management plan shall include:

a. Measures to ensure compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise – State Highway Improvements' (December 1999), provided that the noise management plan shall not apply to the Christ the King Parish Precinct zoned land occupied by Christ the King Church and School at 288-292 Richardson Road.

5.2 The noise management plan shall identify existing dwellings for which acoustic treatment is required in order to ensure compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise – State Highway Improvements' (December 1999). Those dwellings shall be referred to as 'affected dwelling(s)'.

5.3 Not less than three months prior to the completion of construction of the State highway, the Requiring Authority shall give written notice to the owner of each affected dwelling as follows:

a. Advising the options available for mitigation treatment to the affected dwelling and the predicted benefits of implementation of such options in term of noise levels;

b. Advising that the owner has nine months within which to decide whether or not to accept mitigation treatment to the dwelling.

5.4 The Requiring Authority shall advise the Council of:

a. All written notices served in accordance with condition 5.3;

b. Any responses received to those written notices;

c. Those affected dwellings in respect of which no response has been received.

5.5 Where acoustic treatment is required to a dwelling, the Requiring Authority shall be deemed to have complied with condition 5.1 above where:

a. The Requiring Authority has completed noise mitigation treatment to an affected dwelling; or

b. The owner of the affected dwelling has refused to accept the Requiring Authority's offer to implement noise mitigation treatment to the dwelling prior to the expiry of six months after the completion of the State highway;

or

c. The owner of the affected dwelling cannot after reasonable enquiry be found prior to the expiry of six months after the completion of the State highway construction.

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5.6 Subject to condition 5.5, all noise mitigation work identified by the noise management plan shall be implemented before the use of the State highway commences.

5.7 Low noise generating surfaces, such as friction course surfacing, shall be investigated for use on the motorway and in Maioro Street as a method of meeting Transit's Guidelines.

6. Noise and Vibration from Blasting

6.1 Blasting activities shall be so controlled as to ensure that any ground vibration as the result of any blasting will not adversely affect the structural stability of any building or structure including electrical equipment (that is not connected with the site covered by this designation) or cause a reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3:1986 'Structural Vibration in Buildings – Effect on Structures', will be deemed to meet these requirements. Peak particle velocity means the maximum particle velocity in any of the three mutually perpendicular directions. The units are millimetre per second (mm/s).

6.2 The noise created by the use of explosives for blasting shall either not exceed a peak overall sound pressure level of 128 dB (i.e. peak over pressure of 0.05 kPa) or alternatively the noise shall not exceed a peak sound level of 122 dBC. The measurement shall be made in either case at 1m from the most exposed window or door of any occupied building (that is not subject to this designation).

[Refer also condition 2.1(l) relating to notifying residents of imminent blasting.]

7. Parking, Roading and Property Access

7.1 During the detailed design stage, the Requiring Authority will consult with the Council with regard to the most appropriate means (e.g. flush medians, right turn bays) for providing access on Council roads within the designation.

7.2 Any existing on-site parking and manoeuvring areas which are affected by the works shall, as far as practicable, and in consultation with the Council and the affected landowner, be relocated or reinstated to achieve compliance with District Plan standards. Details of any such relocations or reinstatements shall be provided to the Council at the time an Outline Plan is submitted.

7.3 Alternative access arrangements shall be provided as far as practicable, and in consultation with the Council and the affected landowner, where existing property access is removed or becomes unsafe as a result of the works. Details of any alternative access arrangements shall be provided to the Council at the time an Outline Plan is submitted.

7.4 The right of way serving the properties at 55B and 55C Stamford Park Road (Lots 1 and 2, DP46097) shall not be used by the Requiring Authority for construction access.

7.5 Any bus stops which need to be moved or shifted as direct a result of the proposed works shall be relocated in consultation with the Council. Christ the King School shall also be consulted about the relocation of the bus stop serving the school.

7.6 The Requiring Authority shall consult with the Council to preserve the Council's ability to construct a rapid transit connection at the Dominion Road interchange as set out in the Council's Notice of Requirement for designation for 'proposed enhancement of the Dominion Road passenger transport services'.

7.7 Hendry Avenue shall be severed into two cul-de-sacs for the purposes of construction of certain aspects of the project. The Requiring Authority shall reconsider whether the final form of Hendry Avenue should constitute cul-de-sacs or a through road after undertaking both further consultation with residents of Hendry Avenue, Stephen Lysnar Place and Kelsey Crescent and a further assessment of effects of both options. Transit will

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consult with Council officers regarding the results of the further consultation and further assessment of effects before determining the final form of Hendry Avenue.

7.8 The State highway shall be constructed with 3m wide shoulders for traffic safety purposes and to provide for potential future bus lanes.

8. Pedestrian Access

8.1 Appropriate crossing facilities for pedestrians, to mitigate the effects of the proposed works, design and consultation with the Council, shall be provided at the following intersections and roads:

- a. the Hillsborough interchange;
- b. Sandringham Road / Stoddard Road intersection;
- c. Richardson Road / Maioro Street intersection;
- d. Maioro Street / New Windsor Road intersection;
- e. the Dominion Road interchange;
- f. Maioro Street;
- g. any other intersections included within the designation.

Details of crossing facilities shall be provided to the Council at the time an Outline Plan is submitted.

8.2 Fully signalised pedestrian crossings, with a separate phase for pedestrians shall be provided at Richardson Road / Maioro Street, and Maioro Street / New Windsor Road, for the safety of school children using these intersections.

8.3 Pedestrian access shall be provided from Hillsborough Road to Melrose Road.

8.4 Provision shall be made to ensure that the works do not preclude the Council's ability to construct the proposed southwestern cycleway. In particular, and in partnership with the Council, provision shall be made for a southwestern cycleway at the following locations:

- a. Adjacent to the motorway where it passes under May Road;
- b. To be accessed from the pedestrian / cycleway bridge at Ernie Pinches Street (with adequate provision for bicycle turning movements);
- c. In the vicinity of Hendry Avenue (particularly if a decision is made that the final form of Hendry Avenue shall constitute cul-de-sac heads).

8.5 Pedestrian / cycle bridges conforming to the design standards of the Austroads Guide to Traffic Engineering Part 6: Pedestrians shall be provided between Somerset Road / Frost Road and Keith Hay Park, and between Ernie Pinches Street and Stoddard Road. The Requiring Authority shall also consult with Mt Roskill Schools regarding the design and location of the pedestrian / cycle bridge between Somerset Road / Frost Road and Keith Hay Park. Details of the pedestrian / cycle bridges shall be provided to the Council at the time an Outline Plan is submitted.

8.6 Boundary fencing for pedestrian safety shall be constructed along the shared boundaries of the motorway and Keith Hay Park, Akarana Golf Club, and Winstone Park."

9. Archaeological and Geological Areas

9.1 The Requiring Authority shall employ at its expense a qualified archaeologist who shall:

- a. Be on site to monitor all initial earthworks in the immediate vicinity of the Mt Roskill cone, including surface stripping of the site, to establish whether any sub-surface archaeological features are present;
- b. Advise the Council in writing within 24 hours if any archaeological features have been discovered.

9.2 Detailed protocols for the management of archaeological and waahi tapu discoveries shall be specifically discussed with tangata whenua prior to construction.

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9.3 If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched;
- c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation, City Planning of the Auckland City Council that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any authority required from the NZ Historic Places Trust is obtained.

9.4 The Requiring Authority shall employ at their expense a qualified geologist who shall:

- a. Be on site to monitor all initial earthworks in the immediate vicinity of the Mt Roskill cone;
- b. Periodically review construction activities in the vicinity of the Mt Roskill cone;
- c. Be available on call to inspect any geological features encountered during excavation at the base of the Mt Roskill cone and to enable identification of any significant geological features;
- d. Advise the Council in writing within 24 hours if any significant geological features have been discovered.

9.5 Any geological discoveries such as lava caves shall be recorded and, where practicable, damage to these features minimised. Records of any such geological discoveries shall be provided to the Auckland City Council, Auckland Regional Council and the Department of Conservation for information and future reference.

10. Lighting

10.1 Where encroachment into areas subject to view protection controls in the District Plan cannot be avoided by structures such as lighting poles and fixtures, such structures shall be designed to have minimum impact, taking into account the assessment criteria in Clause 5C.7.6.5 Rules: Volcanic Cones of the District Plan. Details of any such encroachments together with an assessment of effects shall be provided to the Council at the time an Outline Plan is submitted.

10.2 Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas.

11. Air Emissions

11.1 Onsite monitoring of air emissions from vehicles shall be carried out over a six week period at the Maioro Street / Richardson Road intersection, adjacent to Christ the King Church and School prior to any physical works associated with the motorway being undertaken in the vicinity. The results shall be provided to the Council at the time an Outline Plan is lodged. The monitoring results shall measure the levels of carbon monoxide, nitrogen dioxide, particulate matter (PM10), and hydrocarbons in relation to air quality guidelines.

11.2 A plan for post construction monitoring of air emissions from vehicles at the Maioro Street / Richardson Road intersection adjacent to Christ the King Church and School shall be provided to the Council at the time an Outline Plan is lodged. The monitoring programme shall include the following:

- a. Engagement of an air emissions expert with specialist equipment to monitor air emissions at the above location;
- b. Measurement of carbon monoxide, nitrogen dioxide, particulate matter (PM10), and hydrocarbons in relation to air quality guidelines;
- c. Details of the number and location of monitoring positions;
- d. A requirement for copies of all air emissions monitoring reports to be provided to the Council;

The monitoring shall be carried out over a six week period within one year of the opening of the SH 20 extension. Monitoring shall be undertaken during the time of year which is expected to give rise to worse case meteorological conditions in terms of air quality.

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Advice Notes

1. The Requiring Authority needs to obtain all other necessary consents and permits and comply with all relevant Council bylaws.
2. Under the Historic Places Act an Authority to Modify an Archaeological Site is required from the NZ Historic Places Trust before any work takes place on an archaeological site.
3. Some of the land is subject to existing designations. The provisions of Section 177 of the Resource Management Act 1991 apply accordingly.
4. The Council holds a comprehensive discharge consent and has a comprehensive stormwater management plan for the Oakley catchment.
5. The Requiring Authority and the Council will continue to work together to progress the design of the southwestern cycleway generally following the alignment of the State Highway 20 extension.

Attachments

No attachments.

6734 State Highway 1 - Otahuhu Interchange

Designation Number	6734
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 at Otahuhu interchange, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-38, Auckland City Council (Isthmus Section) District Plan 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Otahuhu Southern Motorway interchange.

Conditions

1. General

1.1 Except as modified by the conditions below, the work shall be undertaken in general accordance with the information provided by Transit New Zealand (Transit) at the hearing; the notice of requirement and supporting documents; namely, Waiohuru Peninsula to S.H.1 Connection, Assessment of Effects on the Environment (Vol. 1 – Vol. 6).

2. Construction

2.1 Prior to commencement of any works on any part of the land included within designation, the Requiring Authority shall submit a Construction Management Plan to the Auckland City Council. The Construction Management Plan shall include specific details relating to the demolition, construction and management of all works associated with this project, including:

- a. Details of the site manager, including contact details (phone, facsimile, postal address);
- b. The location of a large notice board on the site that clearly identifies the name, telephone number, address for the service of the site or project manager
- c. Any means, such as restriction on the size of the construction vehicles and machinery, required to ensure

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that no damage occurs to street trees throughout the construction period;

d. Any means of protection of services such as pipes and water mains within the road reserve;

e. Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;

f. Measures to be adopted to ensure that pedestrian access past the works is provided where practicable and that such access is safe;

g. Location of workers conveniences (i.e. portaloos);

h. Ingress and egress to and from the works for vehicles during the construction period;

i. Proposed maximum numbers and timing of truck movements throughout each day and the proposed route;

j. Procedures for controlling sediment runoff, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures, including the use of water sprays to control dust nuisance on dry or windy days; and

k. Location of vehicle and construction machinery accesses during the construction period.

2.2 The Construction Management Plan shall be implemented and maintained throughout the entire demolition and construction period.

2.3 Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of the designation at all times and not on surrounding streets.

2.4 All storage of materials and loading or unloading of equipment associated with the construction works shall take place within the boundaries of the designation.

2.5 Pedestrian access and thoroughfare shall be maintained on all roads and footpaths adjacent to the construction works where practicable. Such access shall be safe and clearly identifiable.

2.6 Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the road during the site preparation and construction phase of development. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standard as existing prior to such damage to the satisfaction of the Auckland City Council.

3. Dust

3.1 A Dust Mitigation Plan shall be prepared by the Requiring Authority and submitted to the Council for approval prior to the commencement of works. The purpose of the Plan is to minimise dust nuisance from construction works. The Plan shall:

a. Specify all methods proposed to be employed to control dust from earthworks;

b. Specify the methods proposed to address problems if the dust is not satisfactorily mitigated;

c. Include the contact details of a contact person for residents and the Auckland City Council in the event of a dust problem.

The Requiring Authority shall ensure that the approved Dust Mitigation Plan is complied with.

4. Landscape and Visual Effects

4.1 On completion of the works, or on completion of each stage of the works, all bare land, including batter slopes, shall be grassed and planted or otherwise treated to achieve slope stability and prevent siltation through runoff and dust.

4.2 A Landscape Plan shall be prepared and submitted by the Requiring Authority with the outline plan of works for the approval of the Auckland City Council. Planting shall be carried out in accordance with the Landscape Plan. The following matters shall be incorporated into the Landscape Plan by the Requiring Authority:

a. The angle and extent of cut and batter slopes;

b. The preparation and implementation of a planting plan that will enable the integration of the proposed

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interchange into the existing landscape as far as possible;

c. The retention of existing vegetation and trees along the motorway corridor where practicable, and the identification of existing vegetation and trees along the motorway to be removed;

d. The use of locally sourced native species where practicable;

e. The methods for removal and control of plant pests;

f. The use of vegetation on embankments and berms suitable for the diffusion of stormwater discharge;

g. Methods for screening views of the motorway from adjacent properties and public places where practicable;

h. The Landscape Concepts prepared by Opus and submitted as part of the Notice of Requirements in September 2000;

j. The integration of noise barriers, final details of which (in relation to design, specification and placement) shall be determined during the detailed design and incorporated in any outline plan, if required;

k. Details on species proposed to be planted, and any specimen tree theme, including their size at the time of planting. Where conditions are suitable, specimen trees shall be at least PB95 and 2.5 metres in height.

l. The arboricultural techniques proposed to protect trees, which are to be retained, and for any works to trees that are to be retained.

Planting in accordance with the approved plan shall be implemented no later than the first planting season immediately following completion of construction and maintained thereafter to the satisfaction of the Auckland City Council.

5. Sediment and Stormwater Control

5.1 The Requiring Authority shall implement suitable sediment control measures during all earthworks and after construction to ensure that all stormwater run off from the site is managed and controlled to ensure that, in so far as it is practicable no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channels or soakage systems in accordance with the Auckland City Operative District Plan 1999 (Isthmus) Annexure 14 Guidelines For Sediment Control. In the event that material is deposited on the street, the Requiring Authority shall take immediate action, at its own expense, to clean the street.

5.2 The Requiring Authority shall implement suitable arrangements for stormwater treatment and detention in accordance with relevant Auckland Regional Council guidelines.

6. Noise

6.1 The works shall be designed and constructed to ensure compliance with the noise limits specified in Transit New Zealand's Guidelines for the Management of Traffic Noise for State Highway Improvements, December 1999 (Transit's Noise Guidelines), or to ensure that existing noise levels as a result of the works do not exceed those included in the column labelled Existing Level (dBA 24 hour Leq) of Appendix 1 to these Conditions, whichever is the lower noise level, except that for those properties with frontage on to the western side of Fencible Place, the noise levels shall not exceed 62dBA as measured 1 metre from the facade of any habitable building on the site. For the purpose of this condition, the Sikh Temple in Princes Street shall be classified as a school.

6.2 A suitably qualified consultant shall prepare, on behalf of the Requiring Authority, a detailed Noise Management Plan after consultation with the Auckland City Council. The Noise Management Plan shall be submitted for approval to the Auckland City Council prior to construction commencing and the approved plan shall be complied with. The purpose of the Plan is to describe the method by which noise associated with traffic using the roading within the designation will comply with noise limits specified in 6.1 above. Such methods may include, but not be limited to:

a. Additional acoustic fencing;

b. Acoustic insulation on dwellings and buildings; and

c. Material on the motorway carriageway.

Where a fence and/or bunding are used, and the location allows, the barrier shall be landscaped with plantings where practicable.

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6.3 Noise monitoring shall be undertaken in accordance with NZS 6801:1999 Measurement of Sound to ensure compliance with this condition. The Requiring Authority shall ensure that representative noise monitoring of the motorway route is undertaken at its expense by a suitably qualified and experienced acoustic consultant within nine months of opening the whole route. Results of all noise monitoring of the motorway route shall be supplied to the Auckland City Council within six weeks of the monitoring being complete. Where such monitoring demonstrates non-compliance with the Guidelines or an increase above the existing noise levels included as Appendix 1 to these Conditions, the Requiring Authority shall take steps to ensure compliance with the Guidelines, or to ensure the existing noise levels included as Appendix 1 to these Conditions are not exceeded, whichever is the lesser level, except that for those properties with frontage on to the western side of Fencible Place, the noise levels shall not exceed 62dBA as measured 1 metre from the facade of any habitable building on the site.

6.4 During construction, New Zealand noise standard "NZ 6803:1999 Acoustics-Construction Noise" shall apply and noise shall comply with the limits set down in Table 2 of NZ6803: 1999 or, where this is impracticable, alternative strategies to be outlined in the Construction Noise Management Plan shall be implemented to ensure that construction noise does not exceed the above-mentioned levels for affected persons.

6.5 Prior to commencement of any construction activity on the site the Requiring Authority or its contractors, shall submit a Construction Noise Management Plan to the Auckland City Council for approval. The purpose of this Plan is to describe the methods by which noise associated with the construction works is to be managed to reduce (where required) any impacts on adjoining residential areas. In particular, the Construction Noise Management Plan shall identify:

- a. The matters referred to in paragraph 8.4(a) to (e) of NZ6803:1999 Acoustics – Construction Noise;
- b. Methods of managing noise such as temporary acoustically designed construction noise fence;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency (referenced to NZ6803:1999);
- d. Contingency methods in the event of any incidence of non-compliance; and
- e. Procedures for handling noise complaints.

The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during the construction works.

7. Construction Hours

7.1 Except for unseen emergency situations and in accordance with Notes 1 and 2 below, hours of work during the construction phase shall be:

- a. Weekdays: 7.00 am to 6.00 pm;
- b. Saturdays: 8.00 am to 5.00 pm; and
- c. Sundays and Public Holidays: No work.

Note 1:

These restrictions exclude any special operations subject to the notification of, and discussion with, affected parties.

Note 2:

Except that any construction works within the motorway may involve work outside the above hours and such works are excluded from the above hours of work. All construction works within the motorway must be carried out in such a way that they comply with NZS6803:1999 Acoustics - Construction Noise (in accordance with Condition 6.4 above). For this purpose, 'construction works within the motorway' shall be all land within the designation boundary.

8. Parking, Rounding, and Property Access

8.1 Details of the improvements to the Princes Street/Albert Street intersection shall be submitted by the Requiring Authority to the Council, prior to construction. This shall include a safe and efficient signalised

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pedestrian crossing.

8.2 A standard cul-de-sac shall be formed at the northern end of Todd Place.

8.3 Any existing on-site parking and manoeuvring areas which are affected by the works shall, as far as practicable, and in consultation with the Auckland City Council, and the affected landowner, be relocated or reinstated to achieve compliance (or not increase non-compliance) with District Plan standards.

8.4 Alternative access arrangements shall be provided in consultation with the Auckland City Council where existing property access is removed or becomes unsafe as a result of the works.

8.5 Any bus stops, which need to be moved or shifted as a direct result of the proposed works, shall be relocated in consultation with the Auckland City Council.

8.6 Any altered roading or footpath layout or any new roading or footpath layout shall provide safe and efficient space for pedestrian and cycle traffic.

8.7 McManus Place shall be used as a construction access only during construction of the fourth lane to the motorway in its vicinity and during reclamation works as set out in the Construction Management Plan.

9. Archaeological and Geological Areas

9.1 Detailed protocols for the management of archaeological and waahi tapu discoveries shall be specifically discussed with tangata whenua prior to construction.

9.2 If any archaeological sites, including human remains, are exposed during site works then the following procedures shall apply:

- a. Immediately it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched;
- c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation, and the Manager: City Planning of the Auckland City Council that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any authority required from the New Zealand Historic Places Trust is obtained.

9.3 Any geological discoveries (such as lava caves) shall be recorded by the Requiring Authority and, where practicable, damage to these features minimised. Records of any such geological discoveries shall be provided to the Auckland Regional Council and Manager: City Planning of the Auckland City Council for information and future reference.

10. Lighting

10.1 The Requiring Authority shall ensure that lighting is so designed and screened to minimise the amount of lighting over spill and illumination of residential areas.

11. Vibration Management Plan

11.1 A Vibration Management Plan shall be submitted by the Requiring Authority for approval to the Auckland City Council prior to the commencement of the works. The approved plan shall include details of how the works will comply with the requirements of German Standard DIN4150 "Structural Vibration in Buildings – Effects on Structures" during construction. The Requiring Authority shall ensure that all works associated with the designation comply with the approved plan.

12. Ecological Impact Mitigation

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12.1 The exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

12.2 Prior to any disturbance or removal of trees subject to general tree protection in the District Plan, the Requiring Authority shall contact Auckland City Council and identify the affected trees and the proposed mitigation works. Mitigation works could include avoiding the tree (if practicable), relocation or removal and replacement.

12.3 Where trees are to be retained and, where practicable, the trees shall be fenced no closer than the drip-line of the tree with a 1.0m high fence. No equipment or material shall be stored within the fenced off area for the duration of the works. Where roots of such trees need to be cut, they shall be cut and treated according to recognised arboricultural practice.

13. Protection of Existing Network Utility Operators

13.1 The Requiring Authority, in consultation with Auckland City Council and Manukau City Council (in its capacity as requiring authority), shall prepare a Network Utility Operators Management Plan that has particular regard to the needs of other network utility operators affected by the proposed works, with the objective of allowing those operators to maintain their existing level of service. The Management Plan shall be prepared after consultation with the various Network Utility Operators and shall address issues such as, but not limited to:

- a. Access;
- b. Protection of existing infrastructure;
- c. Mitigation / remediation measures;
- e. Safety measures;
- f. Landscaping;
- g. Runoff; and
- h. Dust and vibration.

The Management Plan shall be submitted for approval to the Auckland City Council prior to the works commencing and the approved plan subsequently complied with.

13.2 The Network Utility Operators' Plan shall include provision for the following matters in relation to Transpower New Zealand Limited ("Transpower"):

- a. Adequate protection of the six existing transmission lines and Otahuhu Substation from any adverse effects of the proposed works; and
- b. Details of the works that are likely to have an adverse effect on Transpower assets, to be determined in consultation with Transpower, prior to the commencement of any works and shall be included in the approved Management Plan.
- c. Transpower shall be notified of all works likely to adversely affect Transpower assets within a reasonable timeframe, to enable sufficient time for Transpower to plan and carry out any works on its assets required due to the works subject to the designation.

In particular, the Network Utility Operators Management Plan shall address the following matters in relation to Transpower:

- i. Ensure that existing access arrangements to transmission towers are retained where practicable. Where the Requiring Authority requires or causes a change in access arrangements, then alternative arrangements shall be made that ensures safe 4-wheel drive 24hr access to the tower base (including during the construction period) or other options that will enable Transpower to undertake necessary works. Details of such access arrangements are to be provided in the Plan;
- ii. Show final details of the construction of all retaining structures to be constructed within 6 metres of the outer edge of the visible foundation of a transmission tower.
- iii. Ensure that all works comply with the following, unless specifically provided in terms of clause 3(f) below:
All mobile plant operated in relation to the proposed works to maintain a 4-metre clearance from Transpower conductors at all times.
 - No temporary buildings, scaffolding or stationary plant be located within 8m of any conductor.

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- All earthworks (including stockpiles) underneath the conductors to maintain a minimum of 7.5m vertical clearance distances from conductors at all times.
- Transpower's written approval is required prior to undertaking any earthworks within 6m of the outer edge of the visible foundation of a transmission tower, or greater than 3m in depth between 6m and 12m from the outer edge of a tower, or any works that could create an unstable batter which may adversely affect a tower.
- iv. Where the Requiring Authority wishes to undertake works or activities within distances specified in the clause above, the Management Plan shall outline the procedures and requirements necessary for Transpower to be able to consider and approve or modify such an encroachment as appropriate.
- v. Final details on suitable vehicle collision protection for the following transmission towers to an agreed standard in consultation with Transpower:
 - Tower #4 on the Henderson – Otahuhu A line;
 - Any other towers that are affected as a result of the works subject to the designation.
- vi. Provide a Dust and Vibration Management Plan for the works which shall include mitigation measures to be undertaken to minimise dust and vibration effects on the existing transmission lines and Otahuhu Substation equipment.
- vii. Final details of landscape plantings to ensure that:
 - No part of any vegetation will encroach into an area closer than 4 metres to any conductors of the lines. The 4-metre clearance relates to vertical, horizontal and felling distance clearances;
 - Vegetation planted in close proximity to tower bases does not adversely affect existing tower foundations (i.e. cause corrosion by creating a damp environment); and
 - Vegetation does not preclude physical access to a tower.

14. Management Plans, Mitigation Plans and Outline Plans

14.1 Prior to the commencement of the works, Transit New Zealand shall submit to Council the relevant Management or Mitigation Plans required under Conditions 2.1, 3.1, 4.2, 6.2, 6.5, 11.1 and 13.1 above.

14.2 The Plans shall be submitted to Council as soon as reasonably practicable, and in any event, allowing sufficient time for review by Council and discussion with Transit.

14.3 Any Management, Mitigation or Outline Plans may be submitted in stages to reflect any proposed staging of the physical works.

14.4 If Council and Transit agree on the terms of such Management or Mitigation Plans, that agreement shall be deemed to be a waiver (such waiver may be subject to specific reservations) in relation to that Plan or relevant part of that Plan pursuant to section 176A(2)(c) of the RMA of the requirement for an Outline Plan under section 176A.

14.5 If Council and Transit do not agree on the terms of such Plan or Plans, the relevant provisions of section 176A of the RMA shall apply in respect of any part not agreed.

14.6 The works shall be undertaken in accordance with the approved Management or Mitigation Plan or accepted Outline Plan (as the case may be).

Advice Notes

1. The Requiring Authority needs to obtain all other necessary consents and permits and comply with all relevant Council bylaws.
2. Under the Historic Places Act an Authority to Modify an Archaeological Site is required from the NZ Historic Places Trust before any work takes place on an archaeological site.
3. Some of the land is subject to existing designations. The provisions of Section 177 of the Resource Management Act 1991 apply accordingly.

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4. The Public Works Act 1981 makes provision for the following (among other things):

- a. For those landowners whose property is required to be taken (either in whole or in part) for the purpose of the project works, they will have a basic entitlement to compensation under Section 60 of the Public Works Act, irrespective of whether the land is acquired compulsorily or on a willing-buyer, willing-seller basis.
- b. Disturbance payments, compensation for loss on repayment of mortgage, and compensation for business loss may in some cases also be claimed under sections 66 to 68 of the Public Works Act.
- c. Compensation for injurious affection can be claimed under Section 63 of the Public Works Act.
- d. Compensation for tenants under section 75 of the Public Works Act 1981 if vacant possession of the tenant's land or premises is required to carry out the project. This includes certain compensation for removal costs (within a distance of 80 km) for residential and business tenants. The booklet titled "A Guide to Landowners Rights: When the Crown wishes to acquire your Land for a Public Work" published by Land Information New Zealand provides useful information on the entitlements under the Public Works Act. This is not a full description of the compensation available under the Public Works Act. Any landowners/tenants who consider themselves potentially or actually affected by the designation are encouraged to seek their own legal advice in terms of their entitlement.

Attachments

No attachments.

6735 State Highway 1 - Victoria Park Tunnel

Designation Number	6735
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from Wellington Street to Victoria Park, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 283, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The designation is to include, and allow for, the control of this State Highway, including planning, design, supervision, construction and maintenance in accordance with the provisions of the Government Roadway Powers Act 1989.

Conditions

GENERAL

1. General

1.1 Except as modified by the conditions below and subject to final design, the project works shall be undertaken in general accordance with the information provided at the hearing by the Requiring Authority (Transit New Zealand), the Notices of Requirement and the supporting documents, namely:

- a. 'Harbour Bridge To City Project - Overview, Notices of Requirement and Attachments - Volume 1', prepared for Transit New Zealand by Beca Infrastructure Ltd, dated October 2005;
- b. 'Harbour Bridge To City Project - Assessment of Environmental Effects - Volume 2', prepared for Transit New Zealand by Beca Infrastructure Ltd, dated October 2005;
- c. 'Harbour Bridge To City Project - Technical Appendices - Volume 3', prepared for Transit New Zealand by Beca Infrastructure Ltd [et al.] dated October 2005;
- d. 'Harbour Bridge To City Project - A3 Plans - Volume 4', prepared for Transit New Zealand by Beca Infrastructure Ltd, dated October 2005;
- e. Further information provided with the response provided under Section 92 Resource Management Act 1991

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(dated 2 February 2006).

Note: The Harbour Bridge to City project has been renamed the "Vic Park Tunnel Project" (the Project).

1.2 As soon as practicable following completion of construction of the Vic Park Tunnel (VPT) Project, the Requiring Authority shall give notice to the Auckland City Council in accordance with Section 182 of the Resource Management Act ("RMA") for removal of those parts of the existing designations (those in existence prior to the lodgement of the new designation subject to condition 1.1 above) between the Auckland Harbour Bridge and Wellington Street overbridge, being:

1. A07-01 'Motorway' and A07-01A 'Motorway': Shelly Beach Priority Lane in the Auckland City District Plan: Isthmus; and
2. 283 'Motorway' in the Auckland City District Plan: Central Area.

1.3 As soon as practicable following completion of construction of the Project, the Requiring Authority shall give notice to Auckland City Council in accordance with Section 182 of the RMA for removal of those parts of the designation which are not required for the long term operation, maintenance and mitigation of effects of the State highway.

Note:

This condition is specific to land no longer required for construction purposes once the Project is completed.

1.4 A liaison person shall be appointed by the Requiring Authority for the duration of the Project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be reasonably available for on-going consultation on all matters of concern to affected persons.

1.5 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the designation boundary on individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is later.

1.6 The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

2. Project Management Plan ("PMP") and Outline Plans

2.1 The Requiring Authority shall prepare a PMP, which shall include mitigation/management plans as referred to in conditions dealing with specific issues below. A schedule of how the subsidiary plans that are required by these conditions relate back to the PMP follows these conditions as Annexure A.

2.2 No works shall be undertaken in any particular location(s) until:

1. The PMP, or such part(s) of the PMP as are relevant to the location(s) are submitted to and approved by the Auckland City Council (Group Manager: City Planning); and
2. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (RMA) in relation to the works in the location(s), have been submitted to the Auckland City Council.

2.3 Where an outline plan or plans are required by section 176A of the RMA for works in any particular location(s) and the Auckland City Council agrees that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 of the RMA, then the PMP or relevant part(s) of the PMP shall be deemed to be a waiver of the requirement for an outline plan in respect of the works in the particular location(s), as provided for in section 176(2)(c) RMA.

2.4 The works shall be undertaken in accordance with the approved PMP and outline plan of works (where required).

3. Other Plans

3.1 The PMP shall include an Environmental Management Plan (EMP) to be provided to the Auckland City

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Council prior to the commencement of works. The purpose of the Environmental Management Plan is to avoid, remedy or mitigate all adverse environmental effects associated with the construction and operation of the Project. The EMP is to include a Construction Environmental Management Plan (CEMP) and Environmental Monitoring Guidelines (EMG).

3.2 The PMP shall include a Construction Management Plan (CMP) to be provided to Auckland City Council (Group Manager: City Planning) prior to commencement of works. The purpose of the CMP is to avoid, remedy or mitigate any effects of construction, through methods identified in the CMP, including the preparation of management plans. The CMP shall be prepared in consultation with the directly affected parties and parties affected by proximity (including other neighbouring submitters) as shown in Appendix 1 to the decision (refer to Plan Modification 32).

3.3 The CMP shall include specific details relating to the demolition, construction and management of all works associated with the Project, including the details indicated below:

1. Details of the site or project manager, including their contact details (phone, facsimile (if any), postal address, email address);
2. The location of large notice boards that clearly identify the name, telephone number and address for service of the site or project manager;
3. An outline construction programme of the works indicating in particular likely time periods for partial or complete road closures and anticipated traffic diversion effects;
4. Any means to ensure that no damage occurs to street trees throughout the construction period;
5. Any means of protection of services such as pipes and watermains within the road reserve;
6. Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
7. Location of workers' offices and conveniences (e.g. portaloos);
8. Procedures for controlling sediment runoff, dust and the removal of soil, debris and demolition and construction materials from public roads or places, including wheel wash for construction vehicles. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
9. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works;
10. Procedures for ensuring that blasting events, if any, occur at times least likely to disturb all people in the immediate vicinity of the construction areas, and for reasonable notice or warning of any blasting events to be given;
11. Procedures to be followed to ensure that those working in the vicinity of identified heritage features are aware of the heritage values of these features and the steps which need to be taken to meet the conditions applying to work on the site;
12. Procedures to be followed to ensure that iwi representatives are notified of the proposed commencement of works and of the discovery of any koiwi or other artefacts;
13. Procedures to be followed in the event that any historic artefacts are disturbed, being in accordance with any Authority obtained under the Historic Places Act;
14. Means of ensuring the safety of the general public;
15. Methods for receiving and responding to complaints about construction dust and odour from the works;
16. Protocols for offering mitigation such as temporary relocation of households where noise and other impacts cannot be managed to comply with relevant standards.

NOISE AND VIBRATION

4. Operational Noise

4.1 A Noise Management Plan (NMP) shall be prepared by a suitably qualified acoustics expert for the purposes of avoiding, mitigating or remedying any adverse noise effects from the operation of the Project following its construction. The NMP shall be provided to the Auckland City Council (Group Manager: City Planning) prior to the commencement of works.

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4.2 The NMP shall include:

1. General measures to achieve, at a minimum, compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999), including (but not limited to) the following mitigation measures:
 - i. the construction of noise walls (to a maximum of 5 metres in height in the St Mary's Bay area);
 - ii. the use of Open Graded Porous Asphalt "OGPA" or equivalent material to surface the carriageway;
2. Specific measures for existing dwellings, where these are necessary in addition to the general measures under (a) above to achieve at a minimum, compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999).

4.3 The NMP shall identify the existing dwellings for which specific measures are required in accordance with condition 4.2.2) above. These dwellings are referred to as the 'affected dwelling(s)'.

4.4 Not less than three months prior to the completion of construction of the Project, the Requiring Authority shall give written notice to the owner of each affected dwelling:

1. Advising the options available for mitigation treatment to the affected dwelling and the predicted benefits of implementation of such options in term of noise levels; and
2. Advising that the owner has six months within which to decide whether or not to accept mitigation treatment to the dwelling.
3. Once an agreement on mitigation is reached between the Requiring Authority and the owner, the mitigation shall be implemented in an accepted timeframe between the Requiring Authority and the owner.

4.5 The Requiring Authority shall advise the Auckland City Council (Group Manager: City Planning) of:

1. All written notices served in accordance with condition 4.4;
2. Any responses received to those written notices;
3. Those affected dwellings in respect of which no response has been received.

4.6 Where specific measures are required for an affected dwelling, the Requiring Authority shall be deemed to have complied with condition 4.1 where:

1. The Requiring Authority has completed noise mitigation treatment to an affected dwelling; or
2. The owner of the affected dwelling has refused to accept the Requiring Authority's offer to implement noise mitigation treatment to the dwelling prior to the expiry of six months after the practical completion of the Project; or
3. The owner of the affected dwelling cannot after reasonable enquiry be found prior to the expiry of six months after the completion of construction of the Project.

4.7 Subject to condition 4.6, all noise mitigation measures identified by the NMP shall be implemented prior to the completion of construction of the Project.

4.8 As required by the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999), measurements of noise levels existing prior to construction shall be used to establish ambient noise levels. Measurements shall be undertaken by a suitably qualified person and the results of 24 hour ambient noise measurements at a total of six (6) positions within 100 metres of the designation boundary, together with site maps and photographs detailing the measurement positions and key data on measurement conditions shall be forwarded to the Auckland City Council (Group Manager: City Planning) prior to the commencement of construction.

4.9 Following completion of the Project, the Requiring Authority shall arrange for an appropriately qualified person to undertake monitoring of the level of traffic noise at the above six (6) sites for which ambient noise level data has been previously recorded, within a period between 2 and 3 years following completion of construction of the Project and shall report the findings of monitoring to the Auckland City Council (Group Manager: City Planning), within one month of the monitoring being undertaken.

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5. Operational Vibration

5.1 Vibration levels of the existing State Highway 1 operations shall be measured at critical locations nominated by Transit New Zealand, and submitted to the Auckland City Council (Group Manager: City Planning), prior to the commencement of works. These baseline measurements will provide levels for current use and for comparison with future levels.

6. Construction Noise and Vibration

6.1 The Construction Management Plan shall be implemented and maintained throughout the entire demolition and construction periods of the Project and shall include the following:

Noise

1. The CMP shall include a Construction Noise and Vibration Management Plan (CNVMP) describing the measures adopted to, as far as practicable, meet the requirements of NZS6803:1999 Acoustics - Construction Noise. The CNVMP shall refer to noise management measures set out in Annexure E of NZS6803:1999, and as a minimum shall address the following;

- i. Construction sequence;
- ii. Machinery and equipment to be used, including the use of non-percussive machinery where practicable;
- iii. Hours of operation, including times and days when noisy construction work would occur;
- iv. The design of noise mitigation measures such as temporary barriers or enclosures;
- v. Construction noise limits for specific areas;
- vi. Development of alternative strategies where full compliance with NZS6803:1999 cannot be achieved, including consultation with residents and other occupiers to achieve acceptable outcomes;
- vii. Methods for monitoring and reporting on construction noise.
- viii. Methods for receiving and responding to complaints about construction noise.

Vibration

2. The CNVMP shall also describe measures adopted to, as far as practicable, meet the vibration criteria of the German Standard DIN 4150, and shall address the following aspects:

- i. Vibration monitoring measures;
- ii. Criteria;
- iii. Possible mitigation measures;
- iv. Complaint response;
- v. Reporting procedures;
- vi. Notification and information for the community of the proposed works;
- vii. Vibration testing of equipment to confirm that the vibration limits will not be exceeded;
- viii. Location for vibration monitoring when construction activities are adjacent to critical buildings;
- ix. Operational times;
- x. Preparation of dilapidation reports on critical dwellings prior to, during and after completion of works.

7. Blasting

7.1 If any blasting is required during construction, it shall be so controlled as to ensure that any ground vibration as a result of any blasting will not adversely affect the structural stability of any building or structure including electrical equipment (that is not connected with the site covered by this designation) or cause any reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3:1986 'Structural Vibration in Buildings - Effect on Structures', will be deemed to meet these requirements. Peak particle velocity means the maximum particle velocity in any of the three mutually perpendicular directions. The units are millimetre per second (mm/s).

7.2 The noise created by the use of explosives for blasting shall not exceed a peak overall sound pressure of 128dB (i.e. peak over pressure of 0.05kPa) or alternatively the noise shall not exceed a peak sound level of 122dBC. The measurement shall be made in either case at 1m from the most exposed window or door of any

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occupied building (that is not subject to this designation).

CONSTRUCTION TRAFFIC

8. Traffic Management Plan

8.1 The Construction Management Plan shall include a Traffic Management Plan (TMP). In developing the TMP:

1. The Requiring Authority shall use advanced traffic modelling tools to better understand the effects of construction of the Project on the affected road network. These tools will be developed and calibrated in conjunction with the Auckland City Council (Group Manager: City Planning) and have the ability to simulate lane restrictions and road closures;

2. The Requiring Authority shall undertake measures to avoid road closures and also the restriction of vehicle and pedestrian movements to the greatest extent practicable. In particular, the measures shall ensure that vehicle and pedestrian accesses in the vicinity of the Victoria Street / Franklin Road intersection are maintained to the greatest extent practicable during the construction period, so as to provide full access for vehicle movements from Franklin Road into Victoria Street and at a minimum left turn access from Victoria Street into Franklin Road.

8.2 The TMP shall describe the measures that will be undertaken to achieve, as far as practicable, the following:

1. Methods of avoiding, remedying or mitigating the local and network wide effects of construction of the Project. In particular, the TMP shall describe:

i. Traffic management measures to address and maintain, where practicable traffic capacity, including bus services, at traffic peak hours during week days and weekends in Victoria Street, Beaumont Street, Fanshawe Street, Franklin Road, Cook Street, College Hill and Union Street;

ii. Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses (including the restriction of right turn movements into Franklin Road);

iii. Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (eg intersections/tunnel) and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;

iv. Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks);

v. The numbers, frequencies, routes and timing of construction traffic movements; and

vi. Monitoring to measure the impact of traffic, in terms of traffic speeds and volumes on those roads described in 8.2.1(i);

vii. Alternative locations to mitigate the temporary loss of off street parking during construction;

viii. Traffic management measures to ensure, to the greatest extent practicable, that during the peak trading hours of the Victoria Park New World, namely 4.00pm to 7.00pm on weekdays and 11.00am to 4.00pm on weekends:

a. access for vehicle movements from Franklin Road into Victoria Street (and at a minimum left turn access from Victoria Street into Franklin Road) is maintained; and

b. access is maintained to the carpark of the Victoria Park New World.

2. Methods to manage the effects of traffic during construction, including the requirement to detour or divert traffic. These methods shall:

i. Seek to avoid, remedy or mitigate effects on access to and from residential areas in Franklin Road, Beaumont Street and Victoria Street and the effects of traffic noise at night.

ii. Seek to avoid, remedy or mitigate effects on access to and from businesses and other organisations in the area particularly on Franklin Road, Victoria Street and Beaumont Street including the New World supermarket and the Victory Christian Church.

3. Traffic management measures during construction to be developed in consultation with the Auckland Regional Transport Authority (ARTA), Bus and Coach Association and the Auckland City Council to address and maintain, where practicable, traffic capacity at peak hours to provide for passenger transport services on the road network.

4. Consultation with the Auckland City Council (Group Manager: City Planning) with regard to the most

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appropriate means for providing access on Council roads within and adjacent to the designation.

5. Identification of any existing on-site parking and manoeuvring areas which are affected by the works. Then, as far as practicable, and in consultation with the Auckland City Council (Group Manager: City Planning) and the affected landowners, how the affected areas will be relocated or reinstated to achieve compliance with the Auckland City District Plan: Isthmus Section 1999 or Auckland City District Plan: Central Area Section 2004 or to a similar standard to that existing.

6. Measures to maintain existing vehicle access to the greatest extent practicable or where the existing property access is to be removed or becomes unsafe as a result of the works, to provide alternative access arrangements to an equivalent standard as that removed, as far as practicable, and in consultation with the Auckland City Council (Group Manager: City Planning) and the affected landowner.

7. Details on the maintenance of pedestrian access with thoroughfare to be maintained on all roads and footpaths adjacent to the construction works, where practicable. Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours. This shall include the areas of high pedestrian traffic of Fanshawe Street, Wellington Street, Franklin Road, Union Street, Cook Street, Victoria Street and Beaumont Street as well as Point Erin, St Mary's Bay and Victoria Park reserve areas.

8. Consistency with Transit New Zealand 'Code of Practice for Temporary Traffic Management' (COPTTM).

9. Recognition of the need for the Auckland City Council to access and maintain its roading network during the construction phase of the Project.

10. Recognition of the need to coordinate and to consult directly with the proponents of any major construction occurring concurrently with, and in the vicinity of, the Project during construction.

8.3 During construction of the proposed tunnel, Transit shall ensure that all storage and vehicle parking takes place within the boundaries of the designation or in compliance with all parking restrictions and Council bylaws.

8.4 Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of the designation at all times and not on surrounding streets.

8.5 All storage of materials and equipment associated with the construction works shall take place within the boundaries of the designation.

8.6 Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and roads during the site preparation and construction phase of the Project. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standard as existed prior to such damage at no cost to the Auckland City Council.

OPERATIONAL TRAFFIC

9. Traffic management measures that are practicable will be developed by Transit in consultation with ARTA and the Northern Busway partners and implemented, if required, to provide northbound bus priority through the Fanshawe Street / Beaumont Street intersection and the St Mary's Bay section of the motorway corridor.

PUBLIC OPEN SPACE AND AMENITY

10. Trees

10.1 The Requiring Authority is to produce a feasibility report, prepared by a qualified arboriculturalist and transplanting specialist, on transplanting the scheduled London Plane Trees in Victoria Park which are affected by the proposed designation and works to a location to be determined in consultation with Auckland City. This feasibility report shall address the likelihood of tree survival, the effects of relocation (temporary or permanent), the timeframes required and their effects on the Project, and the overall benefits/costs. If transplanting one or more of the trees is found to be feasible by the transplanting specialist, and Transit agrees with the estimated cost of transplantation, the transplantation shall be undertaken prior to the commencement of the works in that vicinity. The transplanting shall be accompanied by a maintenance programme approved in advance by the Auckland City Arborist.

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10.2 The methodology for relocating any such trees shall be approved by the Auckland City Arborist.

10.3 In the event that it is not feasible to transplant one or more of the scheduled London plane trees, their removal shall be mitigated by the planting of an appropriate number of London plane trees in Victoria Park with the intent that the ring of trees that delineates the Park is maintained. The Auckland City Arborist is to determine how many replacement trees will be required in the case of each London plane tree so removed. The replacement trees shall be planted within the next available planting season. If the planting positions are not available until after the construction period is complete, the trees shall be grown on in a nursery until required. These trees shall be a minimum of 6m high when planted. Each of the trees shall have a two year maintenance programme approved by the Auckland City Arborist. The planting locations for the replacement trees shall be addressed as part of the Requiring Authority's landscape mitigation package and shall be approved by the Auckland City Arborist.

10.4 The Requiring Authority shall develop a tree mitigation package comprising transplanting or replanting of trees, and planting of new trees.

10.5 The removal of any elm trees is to follow MAF (Biosecurity New Zealand) requirements. All plant and machinery used during any such removal must be cleaned before off-site use.

10.6 Monitoring of the groundwater conditions is to be undertaken around trees in the vicinity of the tunnel excavation during construction. If, in the opinion of the Auckland City Arborist, groundwater levels decline to a level that may adversely affect tree health, appropriate remedial measures shall be undertaken by the Requiring Authority to the satisfaction of the City Arborist.

10.7 Conditions 10.8 to 10.15 apply to trees within the designation area that would be subject to Tree Protection rules under the underlying zoning provisions of the District Plan ("Protected Trees").

10.8 Removal, trimming/pruning or works within the drip line of Protected Trees shall be limited to those trees identified in Appendix 2 of the decision (refer to Plan modification 32). A tree may be added to this Appendix with the approval of the Auckland City Arborist.

10.9 A suitably experienced, Council approved arborist ('nominated arborist') shall be employed by the Requiring Authority for the duration of the works, at the Requiring Authority's expense, to monitor, supervise and direct all works within the drip line or in the vicinity of those Protected Trees to be retained.

10.10 Prior to any site works commencing, a pre-commencement site meeting shall be held so that the conditions of designation that pertain to the retained vegetation are explained by the nominated arborist to all contractors or sub-contractors who will be working on site within the drip-line of, or adjacent to, any protected vegetation that is covered by the designation.

10.11 A copy of the conditions of designation pertaining to the Protected Trees shall be held at the main construction site office, on site, at all times.

10.12 The following measures shall be taken in respect of the remaining Protected Trees within the designation area:

1. Prior to the commencement of construction activity temporary protective fencing shall be erected around the Protected Trees to be retained, and shall remain in place for the duration of the Project. The purpose of the temporary protective fencing is to provide an area around the retained trees that will facilitate their successful retention during the construction process. The parameters of the enclosure shall be as directed by the nominated arborist.

2. Except as provided for in conditions below, the area within the temporary protective fencing shall be considered a total exclusion zone. The Requiring Authority and/or its agents shall not:

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- i. Enter into the delineated area without prior consultation and agreement from the nominated arborist;
 - ii. Alter the dimensions of the delineated area without prior consultation and agreement from the nominated arborist;
 - iii. Store diesel, cement, building materials, site huts, spoil, equipment, or machinery within the delineated area;
 - iv. Spill substances likely to be injurious to tree health within seepage distance of the delineated area
3. The temporary protective fencing shall be constructed with a solid face (e.g. plywood or corrugated iron) and attached to a sturdy framework of freestanding scaffolding or posts. It must be constructed to a minimum height of 1.8m and must remain in place for the duration of the Project.

10.13 The nominated arborist shall undertake all necessary trimming and pruning works, including the pruning of tree roots uncovered during excavations. Exposed roots shall be covered and kept moist.

10.14 The nominated arborist shall undertake a tree monitoring program throughout the construction phase, including monitoring of:

- a. The condition repair and location of the temporary protective fencing;
- b. Any excavation within the drip line of Protected Trees;
- c. General tree health; and
- d. Compliance with the conditions of designation by way of fortnightly inspections during the construction period. A copy of the monitoring results from each visit shall be sent to the Auckland City Arborist, with one copy being retained on site by the Project Manager, while a further copy is to be retained by the nominated arborist.

10.15 During the construction process the Requiring Authority shall implement, where practicable, any recommendations made by the nominated arborist on the installation of irrigation systems, mulch, or remedial pruning works if they are required to improve tree health.

11. Auckland City Parks and Reserves

11.1 The design of the Victoria Park tunnel shall not preclude undergrounding of the southbound carriageway in the future.

11.2 The design of the Victoria Park tunnel shall not unreasonably preclude surface parks and recreational land uses from locating above it.

11.3 All land owned by the Auckland City Council shall be restored to its pre-construction state, or as otherwise agreed by the Auckland City Council (Manager Property Group) and the Requiring Authority in accordance with the Urban Design and Landscape Mitigation Plan.

11.4 Any structures and associated infrastructure required to be located within Victoria Park to provide emergency access to and egress from the Victoria Park tunnel shall be:

- 1. Made as unobtrusive as practicably possible, while achieving their necessary functionality;
- 2. Located in a manner consistent with existing buildings and site features, or otherwise near the periphery of Victoria Park, to the extent practicable;
- 3. If possible integrated into other Park features or structures;
- 4. Suitably designed and landscaped to minimise their adverse effects.

11.5 The design and location of any such structures in Victoria Park shall be approved by the Auckland City Council (Group Manager: Community Planning) prior to its construction.

11.6 A site-specific slope stability assessment shall be carried out by a suitably qualified engineer for the southern abutments of the Shelly Beach Road overbridge and Jacob's Ladder Pedestrian Bridge, as well as at any location where Tunnel Project works are within 10m of the St Mary's Bay cliff face. Where a moderate or greater risk of instability is assessed as a result of works on the Project, a slope movement monitoring system

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shall be installed with site-specific stability criteria and trigger levels. If the slope movement monitoring system observes deformation in excess of specified trigger levels as a result of the Project works, the Auckland City Council (Group Manager: Community Planning) in consultation with Transit New Zealand's nominated contractor shall coordinate the appropriate remedial actions. Where practicable, stabilisation works shall be undertaken in a manner that is sensitive to the natural character and gateway values of this area.

12. Integrated Urban Design and Landscape Mitigation Plan

12.1 The PMP shall include an integrated Urban Design and Landscape Mitigation Plan ("UDLMP") to be provided to the Auckland City Council (Group Manager: Community Planning) prior to or together with the outline plan of works for the Project or relevant Project stage. The UDLMP shall be prepared by a suitably qualified person or persons and shall take into account the following:

1. Transit New Zealand's "Guidelines for Highway Landscaping" (dated September 2002);
2. Transit New Zealand's "Central Motorway Improvements: Urban Design Framework" (dated 6 September 2001); and
3. Transit New Zealand's "Urban Design Implementation Principles" (2006).

12.2 The UDLMP is to be based on the draft "Vic Park Tunnel Urban Design Framework" dated 20 October 2006, prepared for Transit New Zealand by Boffa Miskell Limited, and shall include the following key principles:

1. The importance of the tree-lined St Mary's Bay cliffs as a gateway to Auckland City;
2. The existing landscape values of the area;
3. Treatment of the motorway corridor subject of the notices of requirement in a unified way;
4. The considered and careful use of major structural elements;
5. The design of noise barriers as possible sculptural elements (i.e., well designed, elegant and functional structures) but without detracting from principles 1 and 2 above;
6. Support for a strong pedestrian experience;
7. Recognition of Maori values, associated with the history of settlement and use of the area, including the connection with Watchmans Island (Motu Ngaengae) and the former pa site on Te To headland.

12.3 The UDLMP shall consist of:

1. The Final Urban Design Framework: The Framework shall depict the overall urban design concept, the design intent, layout and mitigation proposals for key components and areas (or sectors) of the Project, and provide a framework for the design, layout, landscape planting and streetscape measures. The Framework will:
 - i. Be determined in consultation with the Auckland City Council (Group Manager: Community Planning) and relevant iwi (by way of a joint working party);
 - ii. Consider further comments that may be obtained from the Auckland City Council Urban Design Panel (which shall be obtained prior to lodgement of the UDLMP with the Auckland City Council (Group Manager: Community Planning)); and
 - iii. Consider further comments from a stakeholder workshop to which affected parties listed in Appendix 1 to the decision (refer to Plan Modification 32) will be invited.
2. Detailed Design Plans: These plans shall depict landscape and streetscape design elements for the Project, as appropriate, and shall consist of:
 - i. An overall "masterplan" of the Project showing the location and extent of landscape and streetscape improvements and mitigation measures;
 - ii. Where required, detailed concept plans for each sector of the route, including cross-sections and elevations of common and site-specific landscape and streetscape elements.

12.4 Contents of detailed design plans.

1. Streetscape elements to be included in the detailed design plans as described in condition 12.3 (2.) shall include:
 - i. Noise attenuation barriers no greater than 5m in height;
 - ii. Road safety barriers;
 - iii. Retaining walls;

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- iv. External appearance and safety consideration (eg stone-throwers) of tunnel portals, the edges of the tunnel portal approaches, and emergency egress;
- v. The relocated Birdcage (Rob Roy) Hotel and surrounding Franklin Road precinct;
- vi. Open space in front of the relocated Birdcage Hotel and between the southern tunnel portal and Franklin Road;
- vii. Replacement of pedestrian and park facilities displaced by the Project;
- viii. The new pedestrian footbridge and other new pedestrian facilities proposed by the Project, including those within the St Mary's Bay reserve and Victoria Park;
- ix. Local road reserves affected by the designation, including Franklin Road, Victoria Street, Beaumont Street, and Fanshawe Street;
- x. The Fanshawe Street/Beaumont Street intersection and the Victoria Street West/Franklin Road/Union Street intersection, including the following elements:
 - Sensitivity to the safety of pedestrians;
 - Improved pedestrian linkages;
 - Consistency with local traffic plans and requirements;
 - Landscaping and design consistent with the Urban Design Framework which also recognises the setting and context of the surrounding area including significant cultural and historic features (if any);
- xi. Streetlights and sign gantries;
- xii. Preservation of the Jacob's Ladder pedestrian route in recognition of that route's historic significance and social value.

2. Landscape elements to be included in the detailed design plans as described in 12.3 (2) shall include the following:

i. A plan for the St Mary's Bay Reserve from Shelley Beach Road through to Beaumont Street, developed in accordance with the following concepts:

- The final Urban Design Framework;
- The recognition of the tree-lined St Mary's Bay cliffs as a gateway to Auckland City;
- The existing high natural character of the area;
- The importance of good pedestrian linkages including footpaths, boardwalks and the access to the pedestrian overbridge and Jacob's Ladder;
- The need for ground contouring and landscaping which avoids surface water ponding, where practicable, and that is sensitive to user amenity and safety and the ability to appreciate existing views, having regard to the effects of any noise barriers that are installed;
- Replacement and replanting of trees affected by the works and noise barrier.

ii. A plan for the western end of Victoria Park, developed in accordance with the following concepts:

- The Victoria Park Management Plan (2005);
- The final Urban Design Framework;
- Recognition of the existing character and design of the Park;
- The maintenance of a ring of Plane Trees and the location of landscaping features having regard to the amenity of the Park;
- Public access and use including access ways and recreational activities;
- Effective and imaginative use of the space directly under the viaduct structure;
- Minimising the effect of the location and design of any structures and associated infrastructure required for emergency access to or egress from the tunnel;
- Areas identified for active recreation including re-establishment of existing activities or new activities such as playgrounds etc and associated parking.

iii. Specific vegetation removal and modification plans showing all scheduled and non-scheduled trees and significant vegetation to be removed/relocated/modified and the landowner(s) involved;

iv. Specific planting plans showing the trees and vegetation to be retained, all new planting, and a detailed plant list and specifications including number, size and species;

v. Planting programme - the staging of planting in relation to the construction programme;

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vi. Detailed specifications relating to (but not limited to) the following:

- Vegetation protection (for desirable vegetation to be retained);
- Weed control and clearance;
- Ground preparation (topsoiling and decompaction to ensure rapid plant establishment and ongoing vigour);
- Mulching;
- Plant supply and planting;
- Maintenance regime (requirements and programme);
- Performance standards (for site preparation, plant supply, planting and maintenance).

12.5 Where appropriate, landscape mitigation proposals outside of the designation (e.g. Victoria Park, St Mary's Bay reserve, Westhaven Drive and Point Erin) may be agreed by the Requiring Authority with the appropriate landowner and subsequently implemented.

12.6 In developing the UDLMP consideration shall also be given to:

1. Other measures that may assist the Auckland City Council to promote safety and security for local residents and open space users;
2. Other measures to assist the Auckland City Council to promote a positive pedestrian experience within the Project area, including the development of pedestrian links in Freeman's Bay (Napier Street to the Birdcage Hotel), through Victoria Park and the St Mary's Bay reserve;
3. Cooperating with the Auckland City Council to identify and to provide opportunities to accommodate any stakeholder funded art works;
4. The requirement that Transit's financial commitment to the urban design process is limited to the mitigation of Project-related effects resulting from within its designation.

12.7 The noise barrier along the St Mary's Bay Reserve shall be designed in accordance with the principles of the Urban Design Framework. This design shall take into account the following considerations:

- The provision of acoustic barriers beside the carriageway to achieve, at a minimum, compliance with the Transit New Zealand 'Guidelines for the Management of Road Traffic Noise - State Highway Improvements' (December 1999). Such barriers, where appropriate, shall be transparent.
- Allowing maximum appreciation by southbound motorists of the gateway effect of the tree-lined cliffs;
- Allowing good views of the Westhaven Marina and the Waitemata Harbour from properties on the cliffs and also from the adjacent walkway;
- Making the barrier itself an attractive landscape element;
- The cost, constructability, and the maintenance requirements of the barrier (including cleaning, removal of graffiti and any advertising posters).

12.8 A management and maintenance plan shall be prepared by the requiring authority and implemented for all noise barriers to ensure that, to the extent practicable, the barriers are continually maintained in good condition and free of graffiti and other defacements that may affect the visual amenity of the surrounding areas.

12.9 Prior to planting and throughout the ensuing maintenance period, all weed species declared as plant pests in the Auckland region by the ARC (including Total Control/Containment Pests/Surveillance Pests & Research Organisms) shall be controlled and removed from the designated areas by the requiring authority

12.10 In areas where shrub mixes are used, planting densities shall ensure low canopy coverage has been attained by the end of the maintenance period, which will run for three years following the completion of the construction works.

12.11 Where native plants are used, the composition shall reflect the natural plant associations of the area, and the mixes (where relevant) shall be of suitable richness and diversity to encourage self-sustainability once established. This will require the inclusion of appropriate successional species, including canopy tree species

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either in the initial planting mix or as enrichment planting.

12.12 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

12.13 Planting areas shall be mulched using suitable weed-free, granular organic mulch. The only exceptions to this shall be where the slopes are too steep to allow for its retention. In such cases a neutral or black coloured biodegradable or photodegradable geotextile is to be used.

12.14 The landscaping shall be implemented in accordance with the UDLMP within the first planting season following the completion of the construction works provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained for the next 3 years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping may be implemented after the first planting season of each stage.

13. Lighting

13.1 Motorway lighting should be designed and screened to minimise the amount of lighting overspill and illumination of residential areas.

AIR QUALITY

14. Dust

14.1 The Requiring Authority shall ensure that the Construction Environmental Management Plan developed for the Project contains measures to control dust, generated during the construction process, in order to minimise dust deposition and nuisance beyond the designation boundaries.

Contaminated site/odour

14.2 The Requiring Authority shall ensure that the Construction Environmental Management Plan developed for the Project contains appropriate mitigation measures to control offensive odours, generated as a result of the construction process, occurring beyond the designation boundaries.

15. Monitoring and Review

15.1 At least 6 months prior to commencement of construction of the project, an air quality monitoring station is to be established at a site comparable with the station located within the car park of the Victory Christian Church during 2005 / 2006.

1. The station will monitor the following parameters for a period of six months prior to construction of the project commencing:

- i. Fine particulates (PM10) in accordance with the specifications given in the National Environmental Standards, Air Quality;
- ii. Meteorological measurements of wind speed, wind direction and temperature.

2. The station will monitor the following parameters during construction of the project:

- i. Dust, measured as Total Suspended Particulates (TSP) using a continuous particulate monitor equivalent to that used to measure fine particulates prior to construction;
- ii. Meteorological measurements of wind speed, wind direction and temperature.

3. The station will monitor the following parameters for a period of twelve (12) months after completion of construction of the Project:

- i. Fine particulates (PM10), carbon monoxide (CO) and oxides of nitrogen (NOx) in accordance with the specifications given in the National Environmental Standards, Air Quality;
- ii. Meteorological measurements of wind speed, wind direction and temperature.

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4. Results of the monitoring in summary form, assessed against the National Environmental Standards, Air Quality and the Auckland Regional Council target values, shall be reported quarterly to the Auckland City Council.

15.2 Prior to commissioning of the air quality monitoring station, Transit will submit a plan to the Auckland City Council (Group Manager: City Planning) detailing how it will comply with condition 15.1 above.

16. Iwi Matters, Archaeological, Heritage

16.1 An Auckland City Council approved and qualified archaeologist and a Kaitiaki monitor approved by Ngati Paoa and Ngati Whatua shall be provided with 7 working days' notice of the commencement of initial earthworks for the Project in relation to each of the tunnel alignment, its approaches, the basement excavation of the Birdcage Hotel and the relocation site for the Hotel in order that they may be present to monitor those activities.

16.2 Detailed protocols for the management of archaeological, koiwi and waahi tapu discoveries shall be developed in conjunction with tangata whenua prior to construction.

16.3 If any koiwi are exposed during site works the following procedures shall apply:

- a. Immediately after it becomes apparent that koiwi have been exposed, all site works in the immediate vicinity shall cease;
- b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched;
- c. The Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust, the Auckland City Council (Group Manager: City Planning) and, where appropriate, the New Zealand Police as soon as possible so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the koiwi until any approval required has been obtained.

16.4 The Requiring Authority shall develop a methodology and monitoring programme for the relocation and restoration of the Birdcage Hotel (formerly the Rob Roy) to be agreed in writing by the Auckland City Council (Group Manager: City Planning) prior to the works commencing and shall:

- a. Take into account the Conservation Plan undertaken by Matthews and Matthews Architects, dated January 2003, and in particular, the policies and schedule of significant features; and
- b. Include an inventory of those parts of the Birdcage Hotel (interior and exterior) which are proposed to be: left in place and protected during relocation; removed and reinstated; and those to be removed and not reinstated;
- c. Include a schedule of the planned restoration and reinstatement works for the Birdcage Hotel and surrounds (including the forecourt area) and additions to the building as part of the relocation; and
- d. Include regular liaison and consultation with the Auckland City Council (Group Manager: City Planning) and the New Zealand Historic Places Trust during the relocation phase.

16.5 All work concerned with the relocation and restoration of the Birdcage Hotel as approved under Condition 16.4 shall be carried out under the direction of an appropriately qualified architectural conservation specialist, the appointment of whom is to be agreed in advance in writing by the Auckland City Council (Group Manager: City Planning).

16.6 Prior to the commencement of construction activities in the vicinity of the Campbell Free Kindergarten, a Condition (Dilapidation) Report on the structure of the Kindergarten building shall be agreed in writing by the Auckland City Council (Manager Property Group) and shall:

- a. Be prepared by a suitably qualified building certifier;
- b. Make any necessary recommendations for reinforcing the Kindergarten;
- c. Include a definition of the level of effects to be considered 'significant' pursuant to Condition 16.8; and
- d. Include consultation by the requiring Authority with the New Zealand Historic Places Trust.

16.7 Prior to the commencement of construction activities in the vicinity of the Campbell Free Kindergarten, the structure of the Kindergarten building shall be reinforced as per the recommendations of the Condition

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(Dilapidation) Report of Condition 16.6. This reinforcement work shall be certified by a building certifier familiar with the Condition (Dilapidation) Report and shall be completed, inspected and agreed in writing by the Auckland City Council (Manager Property Group) prior to the Project works commencing.

16.8 During construction, the effects of vibration on the Birdcage Hotel, Campbell Free Kindergarten, Auckland Municipal Destructor and Depot (also known as the Victoria Park Market) and the former Auckland Gas Company buildings in Beaumont Street shall be monitored by the Requiring Authority and the results of the monitoring provided to the Auckland City Council (Group Manager: City Planning). Appropriate action shall be undertaken if the effects of vibration are significant, including any reasonable restoration or reconstruction of any heritage elements of the buildings noted above, and in the event of damage or failure as a direct result of the Project works, at the cost of the Requiring Authority and to the written approval of the Auckland City Council.

16.9 Prior to the commencement of the Project works, recording of the historical significance of the HMNZS Ngapona, including exterior and interior photographic archival documentation, shall be undertaken and a report prepared. This report is to be completed in consultation with the New Zealand Historic Places Trust and the Auckland City Council.

SERVICES

17. Infrastructure Service Networks

17.1 The Requiring Authority shall liaise with the providers of infrastructure service networks including, but not limited to: water, gas, stormwater, wastewater, power and telecommunications, to develop methodologies and timing for necessary services relocation with the objective of minimising disruption to the operation of these networks during construction of the Project.

Advice Notes

1. The Requiring Authority shall obtain all other necessary consents and permits and comply with all relevant Auckland City Council bylaws, and obtain any approvals under the Reserves Act (where required.)

2. The Requiring Authority shall obtain all necessary resource consents and permits in relation to sediment and stormwater discharges from the Auckland Regional Council.

3. Under the Historic Places Act 1993, an Authority to Modify an Archaeological Site is required from the NZ Historic Places Trust before any work takes place on an archaeological site.

4. All archaeological sites are protected under the provisions of the Historic Places Act 1993. It is an offence under that Act to modify, damage or destroy any archaeological site, whether the site is recorded or not. Application must be made to the New Zealand Historic Places Trust Pouhere Taonga for an authority to modify or destroy archaeological site(s).

5. Some of the land is subject to existing designations and the provisions of Section 177 of the Resource Management Act 1991 apply accordingly.

Attachments

No attachments.

6736 State Highway 1 and 16 - Central Motorway Junction, Auckland Central

Designation Number	6736
Requiring Authority	New Zealand Transport Agency

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Location	State Highway 1 and 16 from Grafton Road, Grafton to Wellington Street, Auckland Central and State Highway 16 from Parnell Rise to Newton Road, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 284, Auckland Council District Plan (Central Area) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The designation is to include, and allow for, the control of this State Highway, including planning, design, supervision, construction and maintenance in accordance with the provisions of the Government Roadway Powers Act 1989.

Conditions

1. Prior to the lodgement of any outline plan of works for activities on the following sites:
 - a. 11 Stanley Street (Lot 11 DP 19627);
 - b. 13-15 Stanley Street (Part Allotment 19 Section 9 Auckland City);
 - c. 17 Stanley Street (Lot 3 DP 19627);
 - d. 21 Stanley Street (Lots 1 and 2 DP 19627);
 - e. 1-3 Beach Road (Lot 15 DP 19627);
 - f. 17-35 Beach Road (Lots 8, 9 and 10 DP 19627); and
 - g. 20 Churchill Street (Lot 7 DP 19627).

The NZTA will consult with the NZ Historic Places Trust and Ngati Whatua o Orakei regarding the effects of the works on historic features on the affected sites.

Attachments

No attachments.

6738 State Highway 16 - Te Atatu

Designation Number	6738
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 from Whau Creek to Henderson Creek, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation NZTA1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Alteration to designation NZTA1, SH16, between Whau River and Henderson Creek, to include widening of the SH16 carriageway, modifications to the existing Te Atatu interchange, ancillary safety and operational services, temporary works, a cycleway and pedestrian path, and ancillary works and services – NOR1.

Conditions

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For a complete set of conditions, refer to the Waterview Connection Proposal Board of Inquiry decision titled “Final Report and Decision of the Board of Inquiry into the New Zealand Transport Agency Waterview Connection Proposal - Volume 2” dated June 2011.

General Designation Conditions

DC.1

Except as modified by the conditions below, the works shall be undertaken in general accordance with the information provided by the New Zealand Transport Agency (NZTA being the Requiring Authority), the Notice(s) of Requirement and the supporting documents, and supplementary information provided in evidence. This information is summarised as follows:

(a) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Parts A-E;

(b) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part F: Plans and Drawings, except as updated through the hearing (Refer Schedule A for current plan and drawing references); and

(c) Waterview Connection Project. Assessment of Environmental Effects Report (dated August 2010). Part G: Technical Reports:

(i) Technical Report G.1 Assessment of Air Quality Effects

(ii) Technical Report G.2 Assessment of Archaeological Effects

(iii) Technical Report G.3 Assessment of Avian Ecological Effects

(iv) Technical Report G.4 Assessment of Coastal Processes

(v) Technical Report G.5 Assessment of Construction Noise Effects

(vi) Technical Report G.6 Assessment of Freshwater Ecological Effects

(vii) Technical Report G.7 Assessment of Groundwater Effects

(viii) Technical Report G.8 Assessment of Herpetofauna Ecological Effects

(ix) Technical Report G.9 Assessment of Land and Groundwater Contamination

(x) Technical Report G.10 Assessment of Lighting Effects

(xi) Technical Report G.11 Assessment of Marine Ecological Effects

(xii) Technical Report G.12 Assessment of Operational Noise Effects

(xiii) Technical Report G.13 Assessment of Ground Settlement Effects

(xiv) Technical Report G.14 Assessment of Social Effects

(xv) Technical Report G.15 Assessment of Stormwater and Streamworks Effects

(xvi) Technical Report G.16 Assessment of Temporary Traffic Effects

(xvii) Technical Report G.17 Assessment of Terrestrial Vegetation Effects

(xviii) Technical Report G.18 Assessment of Transport Effects

(xix) Technical Report G.19 Assessment of Vibration Effects

(xx) Technical Report G.20 Assessment of Visual and Landscape Effects

(xxi) Technical Report G.21 Construction Environmental Management Plan (CEMP)

(xxii) Technical Report G.22 Erosion and Sediment Control Plan (ESCP)

(xxiii) Technical Report G.23 Coastal Works

(xxiv) Technical Report G.24 Geotechnical Interpretive Report

(xxv) Technical Report G.25 Traffic Modelling Report

(xxvi) Technical Report G.26 Operational Model Validation Report

(xxvii) Technical Report G.27 Stormwater Design Philosophy Statement

(xxviii) Technical Report G.28 Geotechnical Factual Report – 500 Series

(xxix) Technical Report G.29 Geotechnical Factual Report – 700 Series

(xxx) Technical Report G.30 Assessment of Associated Sediment and Contaminant Loads

(xxxi) Technical Report G.31: Technical Addendum Report (September 2010)

(d) PT & Active Mode Transport Routes Existing and Proposed (Refer Schedule A, Row 22).

(e) Waterview Connection Project, Evidence and Supplementary Information provided to the Board of Inquiry:

(i) Evidence in Chief (Numbers 1-37)

(ii) Rebuttal Evidence (Numbers 1-33)

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(iii) Supplementary Information (Numbers 1-8)

DC.1A

Within 3 months of the designations being confirmed for the Project (or at least 1 month prior to any Auckland Council approvals or certifications required by these Conditions, whichever is the earlier), the NZTA shall update and finalise to the satisfaction of the Major Infrastructure Team Manager, Auckland Council all drawings and Plans cited in Schedule A, and provide a full set of the information and documentation referred to in Condition DC.1 to the Major Infrastructure Team Manager Auckland Council. At the same time the NZTA shall prepare to the satisfaction of the Major Infrastructure Team Leader, Auckland Council, a document for each designation which sets out the designation and have attached to it in text format a comprehensive set of the conditions imposed by the Board of Inquiry in its Final Decision as summarised in Schedule B, inclusive of any standard conditions and advice notes.

In particular (but not limited to), the following Plans will need to be amended in light of these Final Conditions:

- (a) F.2 Operational Scheme Plans (refer Schedule A, Row 3) require amendment detailing the amended location of the ventilation stacks and southern ventilation buildings;
- (b) F.5 Construction Scheme Plans (refer Schedule A, Row 4) require amendment to detail changes to the construction footprint for the amended location of the ventilation stacks and southern ventilation buildings and reconfiguration of Construction Yard 1);
- (c) F.6 Construction Yard Plans 101 and 107 (refer Schedule A, Row 7), detailing amendments to the Construction Yard 1 in light of the reconfiguration of this Yard and for Construction Yard 7 in light of the relocation of the northern ventilation stack (refer Schedule A, Row 34);
- (d) F.8 Plans of Structures and Architectural Features (refer Schedule A, Row 9), detailing the amended location of the northern ventilation stack and the design and location of the southern ventilation building and stack;
- (e) The CNVMP (including flow diagram and the supplementary evidence produced by Ms Wilkening) (refer Schedule A, Rows 36, 37 and 39);
- (f) The areas of the Open Space Restoration Plans (Schedule A, Row 30) to:
 - (i) Extend these areas in geographic extent to provide for the works identified in the Management Plan notations identified in the OS Conditions (in particular OS.5 and OS.6) (e.g. these areas will (as relevant) include Eric Armishaw Park, Howlett Reserve and Waterview Esplanade Reserve); and
 - (ii) Exclude the operational area of designation required for the northern ventilation stack (as identified through the OPW process (refer Condition DC.8); and
- (e) Schedule A, Row 28 the Plan detailing proposed open space impacts and replacements needs to be updated to recolour the two land parcels on Hendon Avenue (which are excluded from the replacement calculations) to 'brown' to confirm they are part of the operational impact and will not be returned as open space.

DC.2

The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

DC.3

The NZTA shall update and finalise the relevant Construction and Operational Management Plans required under these conditions to ensure compliance with the designation conditions imposed by the Board of Inquiry. The relevant Management Plans shall be submitted to the Major Infrastructure Team Manager, Auckland Council within the timeframes specified in the following conditions. No works shall be undertaken until the relevant management plans have been finalised and certified or approved in accordance with the relevant conditions.

DC.4

Any Management Plans submitted to the Major Infrastructure Team Manager, Auckland Council for approval or certification may be submitted in stages to reflect any proposed staging of the physical works. Plans submitted

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shall clearly show the integration with adjacent stages and interrelated activities.

DC.5

In the event of any dispute, disagreement or inaction arising as to any Auckland Council Manager certification/ approvals required by the designation conditions, or as to the implementation of or monitoring required by the conditions, matters shall be referred in the first instance to the NZTA Regional State Highway Manager and to the Resource Consents Manager, Auckland Council to determine a process of resolution. If a resolution cannot be agreed, then the matter may be referred to an independent appropriately qualified expert, agreeable to both parties, setting out the details of the matter to be referred for determination and the reasons the parties do not agree. The independent appropriately qualified expert shall be appointed within 10 working days of the NZTA or Auckland Council giving notice of their intention to seek expert determination. The expert shall, as soon as possible, issue his or her decision on the matter. In making the decision, the expert shall be entitled to seek further information and hear from the parties as he or she sees fit.

Advice note: The dispute resolution process provided for in this condition does not prejudice any party's right to take enforcement action in relation to the implementation of the designation conditions. However, the dispute resolution process will be applied before any formal enforcement action is taken by the Council, except in urgent situations.

DC.6

Except for Conditions DC.7, DC.8 and DC.9, the NZTA shall be exempt from providing an Outline Plan of Works for the Project, as provided for in Section 176A (2)(a) and (b) of the RMA.

Advice note: The Construction and Operational Management Plans, together with the provision of detailed drawings required by Condition DC.1(b) are considered sufficient detail in all aspects of the Project, with the exception of proposed works for the northern and southern ventilation buildings and stacks where further details are required.

DC.10

The NZTA shall give notice to the Manager Regional and Local Planning, Auckland Council in accordance with Section 182 and 181 respectively of the RMA for:

(a) Within six months of the State highway opening (being operational), removal of those parts of the designation that are not required for the long term operation, maintenance and mitigation of effects of the State highway.

Note: this condition is specific to land no longer required for construction purposes once the Project is completed and includes the land of 6 Barrymore Road, refer Condition OS.17.

(b) The designation to be altered to remove those conditions no longer required for long term operation and maintenance of the Project.

DC.12

Unless otherwise provided for by Condition RC.2, if any monitoring required to be undertaken by any party by the designation conditions indicates non-compliance with any designation condition, the NZTA must provide written notice to the Major Infrastructure Team Manager Auckland Council as soon as it becomes aware of same, stating the following:

(a) A description of the non-compliance; and

(b) The measures NZTA proposes for addressing the non-compliance, including any additional mitigation measures.

Subject to the Council's approval, the NZTA must implement the additional mitigation measures to address the non-compliance.

DC.13

Pursuant to Section 36(1)(d) of the RMA, the requiring authority is required to pay to Auckland Council any

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administrative charge for the carrying out by the local authority of its functions in relation to the administration, monitoring, and supervision of designation conditions.

DC.14

The servants of agents of Auckland Council shall be permitted to have access to relevant parts of the Project at all reasonable times for the purpose of carrying out inspections, investigations, tests, measurements and/or to take samples.

Construction Environment Management Plan Conditions

CEMP.1

Except where provided for in Condition CEMP.1A below, the NZTA shall update and finalise the draft Construction Environmental Management Plan (CEMP) including all the Management Plans which form part of the CEMP and are included as appendices, submitted with this application to ensure compliance with the consent and designation conditions imposed by the Board of Inquiry. The CEMP shall be provided to the Major Infrastructure Team Manager, Auckland Council for review at least 20 working days prior to the commencement of works to certify compliance and consistency with the conditions. Construction shall not commence until certification is obtained.

Advice note: For clarity the CEMP will be updated and finalised in accordance with the conditions. Any amendments will be limited to reflecting the requirements of the conditions, specifying personnel, and completing the Environmental Risk Register.

Advice note: Particular care must be taken with development and operation of Construction Yard 7. When the CEMP is being updated and finalised, consideration must be given to the contents of the draft SSCEMP prepared for Construction Yard 7 (Row 41, Schedule A) recognising changes required by inclusion of the ventilation stack in this yard.

CEMP.1A

In the case of the trial embankment, where works will commence well in advance of the main construction works for the Causeway, the NZTA will provide to the Major Infrastructure Team Manager, Auckland Council, a site-specific CEMP for review and approval at least 20 working days prior to commencement of the trial embankment works.

CEMP.1B

For the purposes of staging works, as some works may commence well in advance of others, the NZTA may provide staged or site specific CEMPs for those works to the Major Infrastructure Team Manager, Auckland Council. The NZTA shall consult with the Team Manager about the need and timing for any other site-specific or staged CEMPs and shall provide any required site-specific or staged CEMPs to the Major Infrastructure Team Manager, Auckland Council for review at least 20 working days prior to commencement of such the specific stage (including enabling) or site works.

CEMP.2

The certification process of the CEMP (and its appendices) shall confirm that the CEMP gives effect to the relevant conditions, as well as those matters in CEMP.6, and that it includes details of:

- (a) Staff and contractors' responsibilities;
- (b) Training requirements for employees, sub-contractors and visitors;
- (c) Environmental incident and emergency management;
- (d) Communication and interface procedures (in accordance with the Communication Plan required under Condition PI.2);
- (e) Environmental complaints management (including the procedures required under Condition PI.4);
- (f) Compliance monitoring;
- (g) Reporting (including detail on the frequency of reporting to the Auckland Council);

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- (h) Environmental auditing; and
- (i) Corrective action.

CEMP.3

The management of key environmental effects associated with the construction phase of the Project is detailed within environmental management plans that are included in the CEMP as appendices. This suite of management plans as shown on Figure CEMP.A comprises:

- (a) Construction Noise and Vibration Management Plan (CNVMP);
- (b) Construction Air Quality Management Plan (CAQMP);
- (c) Erosion and Sediment Control Plan (ESCP);
- (d) Temporary Stormwater Management Plan (TSMP);
- (e) Ecological Management Plan (ECOMP);
- (f) Groundwater Management Plan (GWMP);
- (g) Settlement Effects Management Plan (SEMP);
- (h) Contaminated Soils Management Plan (CSMP);
- (i) Hazardous Substances Management Plan (HSMP);
- (j) Archaeological Site Management Plan (ASMP);
- (k) Construction Traffic Management Plan (CTMP);
- (l) Concrete Batching and Crushing Plant Management Plan (CBCPMP);
- (m) Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP) (to be prepared in accordance with Condition CEMP.15);
- (n) Waste Management Plan (to be prepared in accordance with Condition CEMP.10); and
- (o) Temporary Construction Lighting Management Plan (to be prepared in accordance with Condition L.2).

CEMP.4

The CEMP shall be implemented and maintained throughout the entire construction period.

CEMP.5

A copy of the CEMP shall be held on each construction site at all times and be available for inspection on request by the Auckland Council.

CEMP.6

The finalised CEMP shall include specific details on demolition, construction and management of all works associated with the Project. The certification process of the CEMP shall confirm that the CEMP includes details of the following:

- (a) Details of the site or Project manager and the community liaison person, including their contact details (phone, facsimile, postal address, email address);
- (b) The location of large notice boards that clearly identify the NZTA and the Project name, together with the name, telephone, email address and address for service of the site or Project manager and the community liaison person;
- (c) An outline construction programme of the work indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- (d) The hours of work, which should reflect the need to ensure that residents enjoy reasonable freedom from noisy or intrusive construction activity in their neighbourhood at night, on Sundays and during public holidays;
- (e) Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/ storage of rubbish, storage and unloading of building materials and similar construction activities;
- (f) Location of worker's offices and conveniences (e.g. portaloos);
- (g) Procedures of controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- (h) Methods to stabilise ingress and egress points to construction sites, to the standard required by ARC Technical Publication 90 (Nov 2007);

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- (i) Procedures for ensuring that residents within 100m of construction areas or other people whose use of an area may be disrupted by construction works (for example the Te Atatu Boating Club for works on the Whau River) are given notice of the commencement of construction activities and are informed about the expected duration of the works, including potentially through the community liaison person;
- (j) Procedures to be followed to ensure that those working in the vicinity of identified heritage and ecological features are aware of the heritage or ecological values of these features and the steps which need to be taken to meet the conditions applying to work on the site;
- (k) Means of ensuring the safety of the general public;
- (l) Procedures for the community liaison person to receive and respond to complaints about construction activities, including dust and odour from the works;
- (m) Methods of mitigating the local and network wide effects of construction of individual elements of the Project, including measures to ensure that parking of staff vehicles on surrounding streets is restricted;
- (n) All temporary boundary/ security fences shall be maintained in good order, with any graffiti removed as soon as possible;
- (o) Confirmation of a Project Arborist and completion of a STEM assessment of the preliminary list of Amenity Trees in Schedule E.7 of the AEE to confirm the final Amenity Trees; and
- (p) The process to minimise removal of Amenity Trees, maximise the protection of those retained, undertake relocation of Amenity Trees and replacement planting of specimen trees (in accordance with Conditions LV.10 and ARCH.9)).
- (q) Advice note: For the purposes of CEMP.6(o) and (p), Amenity Tree is defined as a tree or trees that contribute significantly to amenity, taking into account its form, size, health, ecological or historical significance (a preliminary list of these trees is provided in Appendix E.7 of the AEE).

CEMP.7

The layout of the 12 Construction Yards, including associated buildings, fencing and site access shall be developed in accordance with Waterview Connection Project Construction Yards Plans (Refer Schedule A, Row 7). The layout drawings shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to the occupation of the yard, for review and certification that the final layout of the construction yards is in accordance with the conditions. The layout drawings shall incorporate the following:

- (a) The main access to the construction yards to be located as far as practicable from residential dwellings, taking into account site and public safety and environmental constraints, in the locations shown on Waterview Connection Project Construction Yards Drawings (Refer Schedule A, Row 7);
 - (b) Noisy construction activities to be located as far as practicable, and preferably no less than 100m, from residential dwellings; Construction of temporary boundary/ security fences to be undertaken in a manner which minimises impacts on existing trees;
 - (c) Temporary acoustic fences and visual barriers;
 - (d) Temporary buildings greater than 8 metres in height to be located in a position which minimises visual impact on adjacent residential dwellings; and
- Location of workers' and Project vehicle parking.

CEMP.8

All storage of material and equipment associated with the construction works shall take place within the boundaries of the designation.

CEMP.9

Temporary protection shall be installed to prevent vehicles damaging drains, footpaths, berms, kerbs, vehicle crossings and the roads during the site preparation and construction phase of the Project. Any damage to the drains, footpaths, berms, kerbs, vehicle crossings and the road attributable to any vehicle associated with construction activities shall be repaired to the same or similar standards as existed prior to such damage at no cost to the Auckland Council.

CEMP.10

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The NZTA shall finalise and implement the Hazardous Substances Management Plan (HSMP), through the CEMP (as per Condition CEMP.1), submitted with this application, prior to works commencing on site. The certification process of the CEMP shall confirm that the HSMP clearly identifies the requirements for proper storage, handling, transport and disposal of hazardous substances during the construction phase of the Project and confirm that there shall be no storage of explosives on the Project site.

CEMP.11

The NZTA shall develop and implement a Waste Management Plan in accordance with the waste management principles, controls and methods set out in the CEMP. The Plan shall be provided to the Major Infrastructure Team Manager, Auckland Council and be implemented throughout the entire construction period.

CEMP.12

The CEMP shall be reviewed by the NZTA at least annually or as a result of a material change to the Project. The review shall take into consideration:

- (a) Compliance with designation and consent conditions;
- (b) Any changes to construction methods;
- (c) Key changes to roles and responsibilities within the Project;
- (d) Changes in industry best practice standards;
- (e) Changes in legal or other requirements;
- (f) Results of inspections, monitoring, incidents, corrective actions, internal or external assessments; and
- (g) Public complaints.

A summary of the review process undertaken shall be kept by the NZTA, provided annually to the Major Infrastructure Team Manager, Auckland Council and made available (with any related data) to the Auckland Council upon request.

CEMP.13

Following the review process (as described in Condition CEMP.12), the CEMP may require updating. Any material change proposed to the CEMP (including appended Management Plans) shall be submitted for approval to the Major Infrastructure Team Manager, Auckland Council at least 10 working days prior to the proposed changes taking effect.

Advice note:

Material change will include amendment to any base information informing the CEMP or any process, procedure or method of the CEMP (such as the environmental constraints map, compliance monitoring process, complaints procedure or mitigation / remedial methods identified) which has the potential to increase adverse effects on a particular value. For clarity changes to personnel and contact schedules do not constitute a material change.

CEMP.14

The CEMP shall include, as an appendix, an Electrical Infrastructure Site Development and Construction Management Plan (EISDCMP). The EISDCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council, and include:

- (a) Methods and measures:
 - (i) To ensure that the existing high voltage infrastructure can be accessed for maintenance at all reasonable times, or emergency works at all times, during and after construction activities.
 - (ii) To appropriately manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear, to the overhead transmission lines
 - (iii) To ensure that no activity is undertaken during construction that would result in ground vibrations and/or ground instability likely to cause material damage to the transmission lines, including support structures.
 - (iv) To ensure that changes to the drainage patterns and runoff characteristics do not result in adverse effects from stormwater on the foundations for any high voltage transmission line support structure.
- (b) Sufficient detail to confirm that new planting and maintenance of vegetation will comply with the New Zealand

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Electricity (Hazard from Trees) Regulations 2003, including, but not limited to, the provisions of Schedule (Growth Limit Zones) to those Regulations.

(c) Sufficient detail to confirm that the works will comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001), including, but not limited to, the provisions of:

- (i) Clause 2.2 with respect to excavations near overhead support structures;
- (ii) Clause 2.4 with respect to buildings near overhead support structures;
- (iii) Section 3 with respect to minimum separation between buildings and conductors;
- (iv) Section 5 with respect to minimum safe distances for the operation of mobile plant; and,
- (v) Table 4 with respect to minimum safe separation distances between the ground and the overhead conductors.

(d) Confirmation that Transpower has been provided a copy of the EISCDMP for their review at least 20 working days prior to construction.

Advice note: With respect to clause (c), specific consideration must be given to the height and location of temporary structures (such as Project offices and other construction site facilities) and permanent structures (such as lighting poles, signage, gantries and acoustic barriers).

CEMP.15

The NZTA will be responsible for all service relocations required for construction of the Project. The NZTA shall liaise with the providers of infrastructure service networks (including, but not limited to water, gas, stormwater, wastewater, power and telecommunications), and private property owners with on-site services to develop methodologies and timing for necessary services relocation required for the Project, with the objective of minimising disruption to the operation of these service networks and onsite services.

Advice note:

(a) It is noted that if separate consents are required for relocations for any services of network utility operators or landowners, such consents will be obtained before construction commences in the relevant area, and any effects of those relocations would be considered at that time. The same applies to any alteration of consents if required.

(b) Network infrastructure owned and operated by Watercare Services is located within the designations. An operating agreement will be developed by the NZTA and Watercare Services which will include appropriate notification and access protocols where works are to be undertaken by either network operator on or adjacent to Watercare Services infrastructure within the designations.

Public Information Conditions

PI.1.

A community liaison person shall be appointed by the NZTA for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the Project. The liaison person's name and contact details shall be made available in the CEMP and on site signage by the NZTA. This person must be reasonably available for on-going consultation on all matters of concern to affected parties arising from the Project.

PI.2.

The NZTA shall prepare and implement a Communications Plan that sets out procedures detailing how the public, Ministry of Social Development, Housing New Zealand Corporation and other organisations representing the particular demographic characteristics of the community (including but not limited to Primary Health Organisations, general practitioners, youth, education organisations, aged care groups and groups representing ethnic and migrant communities) will be communicated with throughout the construction and monitoring periods (as prescribed in the designation and consent conditions).

In preparing the Communications Plan, the NZTA will liaise with Auckland Council to access its community liaison databases. The Communications Plan will include details of:

- (a) The site or Project manager and the community liaison person, including their contact details (phone,

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facsimile, postal address, email address);

(b) In accordance with these Conditions, the database of the key construction activities and monitoring requirements that are the subject of the Communications Plan;

(c) The database of stakeholders and residents who will be communicated with;

(d) Communication methods, an assessment of how these methods reach the different audience/ stakeholder groups (including those methods set out in Condition CEMP.6), and detail on when each of these methods will be used (e.g. regular communication or event specific methods);

(e) The appointed specialist in Environmental and Occupational Medicine, including contact details (as per Condition SO.13);

(f) Any stakeholder specific communication plans required; and

(g) Monitoring and review procedures for the Communications Plan.

The Communications Plan shall be written in accordance with the external communication procedures set out in the CEMP and provided at least 20 working days prior to construction commencing, to the Major Infrastructure Team Manager, Auckland Council, Working Liaison Group and the Community Liaison Group(s) established by Condition PI.5. The structure of the communication groups set out in these conditions is attached as Figure PI.A.

PI.3.

At least 15 working days prior to the commencement of construction, and at 15 working day intervals thereafter, or as required depending on the scale of works and effects on the community, advertisements will be placed in the relevant local newspapers and community notice boards (as identified in Condition CEMP.6(b)) detailing the nature of the forthcoming works, the location of the forthcoming works and hours of operation. All advertisements will include reference to a 24 hour toll free complaints telephone number. Where relevant, advertisements will also include but not be limited to details of:

(a) Any traffic disruptions or controls or changes to property access, pedestrian/ cycle routes and bus stops; and

(b) Any other construction activities, including night time works, blasting, and structure-borne noise, as identified in the conditions.

PI.4.

The NZTA shall manage, investigate and resolve (as appropriate) all complaints for the duration of the construction works in accordance with the environmental complaints section of the CEMP. The implementation strategy for complaints includes:

(a) A 24 hour toll free telephone number and email address, which shall be provided to all potentially affected residents and businesses. The number shall be available and answered at all times during the entire duration of the works for the receipt and management of any complaints. A sign containing the contact details shall be located at each site specific work activity;

(b) The NZTA shall maintain a record of all complaints made to this number, email or any site office, including the full details of the complainant and the nature of the complaint;

(c) Upon receiving a complaint, within 10 days of complaint receipt, a formal written response will be provided to the complainant and Auckland Council;

(d) The NZTA shall undertake corrective action where necessary to resolve any problem identified. All action taken and relevant information shall be documented. For the avoidance of doubt, 'where necessary' refers to where the works are not being carried out in accordance with conditions of this designation;

(e) Where issues and complaints about effects cannot be resolved through the CEMP complaints management process, a meeting shall be held between the NZTA, the complainant and the Auckland Council representative(s) to discuss the complaint and ways in which the issue may be resolved. If parties cannot agree on a resolution, an independent qualified mediator will be appointed, agreeable to all parties and at the shared cost of all parties, to undertake mediation of the dispute or concerns; and

(f) All information collected in Conditions PI.4 (b), (c) and (d) shall be detailed in a Construction Compliance Report (including the means by which the complaint was addressed, whether resolution was reached and how the response was carried out) prepared by the NZTA. This Report shall be submitted to the Major Infrastructure

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Team Manager, Auckland Council on a quarterly basis commencing at the beginning of the works and for the entire duration of construction.

PI.5.

The NZTA shall establish Community Liaison Group(s) at least two months prior to construction commencing in each of the following key construction areas:

- (a) Te Atatu (including the SH16 Causeway)
- (b) Waterview (including works to St Lukes on SH16 and on the Waterview Estuary and Causeway Bridges)
- (c) Owairaka

and hold regular meetings (at least three monthly) throughout the construction period and up to 24 months following construction completion relevant to these areas (or less if the members of the Group agree), so that on-going monitoring information can continue to be disseminated.

The Community Liaison Group(s) shall be open to all interested parties within the Project area including, but not limited to the following groups:

- (a) Auckland Council and Auckland Transport;
- (b) Educational facilities within the Project area (including schools, kindergartens, childcare facilities and Unitec Institute of Technology);
- (c) Relevant community/ environmental groups (including but not limited to Friends of Oakley Creek, Star Mills Preservation Group, Cycle Action Auckland and representatives from those organisations identified in the Communications Plan (as required by Condition PI.2) and local residents;
- (d) Department of Conservation;
- (e) Local Boards;
- (f) Iwi groups with Mana Whenua;
- (g) Public transport providers; and
- (h) Housing New Zealand Corporation.

Advice note: The purpose of the Community Liaison Group(s) is to provide a regular forum through which information about the Project can be provided to the community, and an opportunity for concerns or issues to be raised.

PI.6.

The Community Liaison Group(s) shall be provided opportunities to review and comment on the following (amongst other things):

- (a) The Outline Plan of Works detailing designs for the northern and southern ventilation buildings and stacks (the outcomes of this consultation will be reported in accordance with the processes required in DC.8(n) and DC.9(k);
- (b) The Open Space Restoration Plans (as required by Condition OS.3);
- (c) Finalisation and amendment to Urban Design and Landscape Plans (UDL Plans) (as required by Condition LV.1);
- (d) The Oakley Inlet Heritage Plan (as required by Conditions OS.5(b)(i) and ARCH.6);
- (e) The detail of the Oakley Creek restoration (as required by Condition STW.20);
- (f) Publicly available results of environmental monitoring as required by the designation and/or these Consents (e.g. air quality monitoring); and
- (g) The finalisation of the STEM assessment required by CEMP.6(o) and a schedule of trees that are required to be removed for consideration of timber use in heritage projects as required by Condition SO.7.

Advice Note: Attention is drawn to the Vegetation conditions concerning identification and protection of Significant Vegetation and Valued Vegetation.

- (h) Detailed design features of the Te Atatu underpass (e.g. lighting and architectural treatment).

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Temporary Traffic Conditions

TT.1

The NZTA shall update and finalise the Construction Traffic Management Plan (CTMP) submitted with this application, in accordance with these conditions, and implement it through the CEMP.

In finalising the CTMP, the NZTA shall:

- (a) Provide simulation modelling demonstrations to better understand the effects of construction of the Project on the affected road network;
- (b) Include measures to avoid road closures and restrictions of vehicle, bus, cycle and pedestrian movements;
- (c) Where road closures or restrictions cannot reasonably be avoided the particular vulnerabilities and sensitivities of pedestrian diversions and restricted conditions shall be taken into account in the planning of any closures or restrictions.

TT.2

The CTMP shall require the development of Site Specific Traffic Management Plans (SSTMPs) and their approval by the Traffic Management Project Governance Group (as defined by the CTMP), for each construction activity that may affect traffic or transportation infrastructure and services. The SSTMPs shall be provided to the Traffic Management Coordinator(s) for the relevant Road Controlling Authority at least 10 working days prior to each construction activity.

TT.3

Each SSTMP shall describe the measures that will be undertaken to avoid, remedy or mitigate the local and network wide effects of construction of the Project. In particular, the SSTMP shall include the following matters:

- (a) Traffic management measures to address and maintain, traffic capacity, including bus services, at peak traffic periods during weekdays (6:00 to 9:00 and 16:00 to 19:00) and peak traffic periods at weekends (including Te Atatu Road, Great North Road and Richardson Road);
- (b) Methods to manage the effects of traffic during construction including the requirement to detour or divert traffic. These methods shall seek to avoid, remedy or mitigate effects on access to and from businesses and other organisations in the area;
- (c) Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- (d) Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (e.g. intersections/ overbridges) and the use of staging to allow sections of the Project to be opened to the traffic while other sections are still under construction;
- (e) Methods to manage the effects of the delivery of construction material, plant and machinery (including cranes and oversized trucks) during construction;
- (f) Any routes where construction traffic movements will be restricted (either for particular times for construction periods);
- (g) Measures to maintain existing vehicle access, as far as practicable, or where the existing property access is to be removed or becomes unsafe as a result of the construction works, measures to provide alternative access arrangements in consultation with the Auckland Council and the affected landowner; and
- (h) Measures to maintain pedestrian and cycle access with thoroughfare to be maintained on all roads and footpaths adjacent to the construction works, where practicable (e.g. unless provision of such access is severed by the works or such access will become unsafe as a result of the construction works). Such access shall be safe, clearly identifiable, provide permanent surfacing and seek to minimise significant detours. (This Condition does not act as a qualification to the commitment to maintain access to open space and education facilities, as required in Condition OS.13).

TT.4

The SSTMPs shall include traffic management measures developed in consultation with the Auckland Transport, Bus and Coach Association and the Auckland Council, to address and maintain, where practicable, existing levels of service for buses particularly at peak periods (6:00 to 9:00 and 16:00 to 19:00) on weekdays.

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TT.5

The NZTA shall consult with the Traffic Operations Manager, Auckland Transport with regard to the most appropriate means for providing access on Council roads within and adjacent to the designation. The NZTA shall also coordinate and consult directly with the proponents of any major construction or major traffic generating event occurring concurrently with, and in the vicinity of the Project.

TT.6

The SSTMPs shall include measures developed in consultation with Auckland Transport to, as far as practicable, enable continued public walking and cycling passage along the existing Northwestern Cycleway (between Te Atatu Interchange and St Lukes Interchange) and along Great North Road and the public walkway along Oakley Creek, with any interruptions being as short as feasible.

TT.7

The NZTA shall undertake construction works so as to avoid significant long duration impacts or the full closure of Te Atatu Road for all road users heading to or from the Te Atatu Peninsula and to ensure that access for emergency service vehicles is maintained.

TT.8

The NZTA shall restrict construction truck movements during peak hours (6:00 to 9:00 and 16:00 to 19:00) on weekdays and during the peak periods at the weekends to avoid the following:

- (a) Te Atatu Road Interchange, during both morning and afternoon peak hours
- (b) Great North Road Interchange, city bound during the morning peak hours
- (c) Great North Road Interchange, west bound onto SH16 and southbound onto Great North road during the afternoon peak.

Construction truck movements during these hours shall only be allowed under exceptional circumstances agreed in advance with the Traffic Management Project Governance Group.

TT.9

The NZTA shall maintain at least the existing active traffic lane configuration capacity on SH16, at the Te Atatu Interchange area, Te Atatu Road, Richardson Road and on Great North Road during peak periods being 6:00 to 9:00 and 16:00 to 19:00 on weekdays and during the peak periods on weekends, for the duration of the temporary construction programme.

TT.10

The NZTA shall monitor the impact of construction traffic in terms of traffic speeds and volumes on SH16, Great North Road, Te Atatu Road and Richardson Road throughout the construction period to confirm the expected traffic effects as set out in the Temporary Traffic Assessment (Technical Report G.16) submitted with this application.

- (a) This monitoring will be undertaken on a daily, weekly and monthly basis; and
- (b) Monitoring results will be made available to the Traffic Operations Manager, Auckland Transport on request.

TT.11

If monitoring undertaken pursuant to Condition TT.10 indicates that traffic volumes or traffic conditions are significantly different from those expected, the SSTMPs will be reviewed and as appropriate amended to the satisfaction of the Traffic Management Project Governance Group.

Operational Traffic Conditions

Integration with Local Road Network

OT.1

The NZTA shall prepare in collaboration with Auckland Transport a Network Integration Plan (NIP) for the Project, or relevant Project phases, to demonstrate how the Project integrates with the existing local road

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network and with future improvements (identified in the Western Ring Route (Northwest) Network Plan) planned by the Auckland Council. The NIP shall include details of proposed physical works at the interface between the State highway and the local road network, and shall address such matters as pedestrian/ cycle ways, lane configuration, traffic signal co-ordination, signage and provision for buses

In addition, the NIP will address:

- (a) The commitment of the NZTA to progress bus priority measures northbound on Great North Road as part of the reinstatement of Great North Road, as proposed by Auckland Transport and indicated on the Plans Great North Road Option 1 Proposed Road Marking (Schedule A, Row 33), subject to the agreement with Auckland Transport;
 - (b) How the works committed to by the NZTA for pedestrian and cycle ways, as detailed in the PT and Active Mode Transport Routes Plan Set (Condition DC.1(d) (refer Schedule A, Row 22)), integrate with pedestrian and cycle ways on the wider transport network;
 - (c) The Richardson Road Bridge, which shall be designed in general accordance with the structural plans (Schedule A, Row 9) and the commitment of the NZTA to provide a 2m footpath on Richardson Road Bridge, subject to confirming appropriate bus stop locations with Auckland Transport;
 - (d) Integration of the works proposed on Te Atatu Road to appropriately transition between the Waterview Connection Project and any projects being progressed by Auckland Transport;
 - (e) Opportunities to review traffic signal timings at the Te Atatu Interchange with a view to minimising delays to all users, including cyclists on the SH16 cycle way; and
 - (f) The commitment of the NZTA to provide for cycle “aspects” (cycle signal lights) at the Great North Road Interchange.
 - (g) As part of detailed design at the Te Atatu Interchange, the installation of underpasses and/or overbridges, provided however that should some not prove feasible in civil or traffic engineering design terms, the installation of coordinated traffic signal operation for cyclists on the north-western cycleway by means of synchronised cycle lights which seek to reduce delays for cyclists.
- Works identified in the NIP which are the responsibility of the NZTA, will be undertaken as at the time of construction works for the Project.

Noise and Vibration Conditions – Construction

CNV.1

The NZTA shall finalise and implement through the CEMP, a Construction Noise and Vibration Management Plan (CNVMP) throughout the entire construction period of the Project.

The CNVMP shall describe the measures adopted to meet:

- (a) the noise criteria set out in Conditions CNV.2 and 3 below;
- (b) the vibration criteria set out in Condition CNV.4 below; or
- (c) where (a) or (b) cannot be met, the process that will be followed to appropriately mitigate noise and vibration effects including methods that may be applied outside the designation.

The CNVMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CNVMP, as a minimum, addresses the following:

- (i) Construction noise and vibration criteria (Conditions CNV.2, CNV.3, and CNV.4);
- (ii) Hours of operation, including times and days when noisy and/or vibration inducing construction activities would occur;
- (iii) Machinery and equipment to be used;
- (iv) Vibration testing of equipment to confirm safe distances to buildings prior to construction;
- (v) Preparation of building condition surveys of critical dwellings prior to, during and after completion of construction works;
- (vi) Roles and responsibilities of personnel on site;
- (vii) Construction operator training procedures;
- (viii) Methods for monitoring and reporting on construction noise and vibration;

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- (ix) A hierarchy of mitigation options that will be assessed for the Project noise mitigation, including alternative strategies where full compliance with the relevant noise and/or vibration criteria cannot be achieved;
- (x) Management schedules containing site specific information;
- (xi) Measures for liaising with and notifying potentially affected receivers of proposed construction activities and the potential for noise and vibration effects, specifically:
 - PPFs located within a horizontal distance of 35 metres of underground excavation works, along the tunnel alignment shall receive prior notification not greater than 7 days (and not less than 24 hours) prior to the commencement of works.
 - Methods for ensuring residents affected by night works (within 100m of the construction site night works, as defined on the maps (refer Schedule A, Row 35) are notified of such works (i.e. any works during the hours of 20:00 to 06:30) at least 5 days prior to the commencement of any such work.
 - The maps showing PPFs to be notified of night works (refer Schedule A, Row 35, shall be reviewed and included within the CNVMP.
- (xii) Methods for receiving and handling complaints about construction noise and vibration;
- (xiii) Measures for preventing the occurrence of rogue fly rock, including management of charge weights and face loading procedures, stemming of charge holes and profiling of the face to maintain minimum burden (face cover);
- (xiv) Investigations on the practicability of implementing permanent noise mitigation works for construction mitigation (as per Condition CNV.7);
- (xv) Investigations of the practicability of implementing Building Modification mitigation, as required in accordance with Conditions ON.6 and ON.11, prior to commencement of construction within 100m of the relevant PPFs (including those on the Unitec site); and
- (xvi) The process for developing Site Specific Noise Management Plans (SSNMP), in accordance with the SSNMP Flow Chart (refer Schedule A, Row 36), including templates and a certification process for the Major Infrastructure Team Manager, Auckland Council (in accordance with Condition CNV.13) to confirm the process of SSNMP review of noise mitigation options where, the modelled/predicted levels or subsequent actual levels exceed the criteria in Conditions CNV.2 and/or CNV.4.

CNV.2

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction noise (excluding noise from blasting Monday to Saturday inclusive) shall be measured and assessed in accordance with NZS 6803:1999 "Acoustics - Construction Noise" and shall comply with the following criteria:
 Note: In Condition CNV.2 (T) means a duration between 15 minutes and 60 minutes, in accordance with NZS6803:1999.

(a) Project Construction Noise Criteria: Residential Receivers

Time of Week	Time period	Project Construction Noise Criteria (Long Term Construction) dB		
		Sectors 1-7	Sectors 8-9	All Sectors
		LAeq(T)	LAeq(T)	LAeq(T)
Monday- Saturday	0630-0730	60	45	75
	0730-1800	70	70	85
	1800-2000	65	65	80
	2000-0630	60	45	75
Sundays and Public Holidays	0630-0730	45	45	75
	0730-1800	60	45	85
	1800-2000	45	45	75
	2000-0630	45	45	75

(b) Project Construction Noise Criteria: Commercial and Industrial Receivers

Time Period	Project Construction Noise Criteria (Long Term Construction) dB
	LAeq(T)

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0730-1800	70
1800-0730	75

(c) Project Construction Noise Criteria: Internal Structure-borne Noise from tunnelling for Residential Receivers

Time Period	Project Construction Noise Criteria Inside	
0600-2200	35 dB LAeq(T)	All habitable rooms
2200-0600	30 dB LAeq(T)	Bedrooms

(d) Project Construction Noise Criteria: Internal noise for Licensed Educational Facilities

Time Period (School Days)	Project Construction Noise Criteria Inside	
Teaching Hours	45 dB LAeq(T)	Classrooms, library, offices, teaching, laboratories, manual arts, workshops
Teaching Hours	40 dB LAeq(T)	School hall, lecture theatres

Note: In Condition CNV2(d) "Teaching hours" means: Primary schools and Kindergartens: 9am to 3pm Unitec: 8am to 9pm

CNV.4

Except where certified by the Council through the SSNMP (in accordance with Condition CNV.13), construction vibration received by any building shall be measured and assessed in accordance with the German Standard DIN 4150-3:1999 "Structural vibration – Part 3: Effects of vibration on structures", and shall comply with the criteria set out as follows:

Type of Structure	Short-term vibration			Long-term vibration	
	PPV at the foundation at a frequency of				
	1-10 Hz (mm/s)	1-50 Hz (mm/s)	50-100 Hz (mm/s)	PPV at horizontal plane of highest floor (mm/s)	PPV at horizontal plane of highest floor (mm/s)
Commercial/Industrial	20	20-40	40-50	40	10
Residential/School	5	5-15	15-20	15	5
Historic or Sensitive structures	3	3-8	8-10	8	2.5

CNV.5

Notwithstanding Condition CNV.3 above,

(a) Blasting activities shall be conducted so that 95% of the blasts undertaken (measured over any twenty blasts on the foundation of any building outside the designation boundary) shall produce peak particle velocities not exceeding 5mm/s and 100% of the blasts undertaken shall produce peak particle velocities not exceeding 10mm/s irrespective of the frequency of the blast measured.

(b) Construction activities, which occur within Sectors 1, 6, 8 and 9 which are identified in Technical Report no. G.19 Assessment of Vibration Effects, as being at a 'High Risk' of exceeding the DIN 4150-3:1999 criteria (being excavation, piling, compaction and drilling) shall be conducted so that 95% of the activities undertaken (measured over at least 20 representative samples of the relevant activity on any residential building) shall produce peak particle velocities not exceeding the relevant criterion in DIN 4150-3:1999 and 100% of the activities undertaken shall not exceed 10mm/s irrespective of the frequency of the activity measured.

CNV.6

Blasting shall be undertaken between 09:00h and 17:00h, Monday to Saturday, except that blasting may be undertaken between 09:00h and 17:00h on Sundays where:

- (a) The blasting is at least 50m inside the Sector 8 tunnel;
- (b) The blasting produces peak particle velocities at any residential building not exceeding 0.5mm/s; and
- (c) The Project construction noise criteria set out in Condition CNV.2 for Sundays are complied with.

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CNV.7

Where practicable, permanent (traffic) noise barriers, required in any Sector as Detailed Mitigation Options for operational noise following completion of the Project (in accordance with Conditions ON.3 to ON.5) shall be erected prior to noise generating construction works commencing. Where this is not practicable, temporary noise mitigation measures shall be implemented in accordance with the CNVMP, prior to noise generating construction works commencing.

CNV.8

Pile driving or pile removal shall not be undertaken at night (i.e. during the hours of 20:00 – 06:30).

CNV.9

The concrete batch plants, rock crushing plants and the loading bays and conveyors for such plants shall be fully enclosed.

CNV.13

SSNMPs (required by Condition CNV.1(xvi)) above, shall be submitted to Major Infrastructure Team Manager, Auckland Council for review and certification at least 7 working days prior to the proposed works commencing. A decision will be provided by the Council within 5 working days of receipt of the SSNMP.

Works will not commence until certification is received from the Major Infrastructure Team Manager, Auckland Council. The Council may, at its discretion, waive the requirement for SSNMPs to be submitted to the Council where an SSNMP is required.

If monitoring shows that levels specified in a SSNMP are being exceeded, work generating the exceedence will stop and not recommence until further mitigation is implemented in accordance with an amended SSNMP certified by Council.

Advice note: It is accepted that the criteria of CNV.2 and CNV.4 may not be met at all times, but that the NZTA will take all practical steps to achieve compliance, taking into account the hierarchy of mitigation options outlined in Condition CNV.1 (ix).

Noise Conditions – Operation

ON.1

For the purposes of Conditions ON.2-ON.14 the following terms will have the following meanings:

- Appendix E – means Appendix E to the Technical Report G.12 'Assessment of Operational Noise Effects' submitted with this application.
- BPO – means Best Practicable Option.
- Building Modification Mitigation – has the same meaning as in NZS 6806:2010.
- Design Year – means a point in time that is 10 years after the opening of the Project to the public
- Emergency Mechanical Services – means mechanical services used for emergency situations only.
- Habitable room – has the same meaning as in NZS 6806:2010.
- Noise Criteria Categories – means groups of preference for time-averaged sound levels established in accordance with NZS 6806:2010 when determining the BPO mitigation option; i.e. Category A - primary noise criterion, Category B - secondary noise criterion and Category C - internal noise criterion.
- NZS 6806:2010 – means NZS 6806:2010 Acoustics – Road-Traffic Noise – New and Altered Roads.
- PPFs – means only the premises and facilities identified in green, yellow or red in Appendix E.
- Structural mitigation – has the same meaning as in NZS 6806:2010.

ON.2

The NZTA shall implement the traffic noise mitigation measures identified as the "Preferred Mitigation Options" in Appendix E as part of the Project, in order to achieve the Noise Criteria Categories indicated in Appendix E ("Identified Categories"), where practicable and subject to Conditions ON.3-ON.11 below.

ON.3

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The detailed design of the structural mitigation measures of the “Preferred Mitigation Options” (the Detailed Mitigation Options) shall be undertaken by a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council prior to construction of the Project, and, subject to Condition ON.4, shall include, as a minimum, the following:

- (a) Noise barriers with the location, length and height in general accordance with Appendix E and designed in accordance with the ULDF (Section B) (refer Schedule A, Row 38); and
- (b) A requirement that Open Graded Porous Asphalt (“OGPA”) or equivalent low-noise generating road surface be used on all surface roads throughout the Project, except at the Great North Road Interchange; and
- (c) For the Great North Road Interchange, a requirement that Twin Layer Open Graded Porous Asphalt (“Twin Layer OGPA”) or equivalent low-noise generating road surface be used as shown in Appendix E.

ON.4

Where the design of the Detailed Mitigation Options identifies that it is not practicable to implement a particular structural mitigation measure in the location or of the length or height included in the “Preferred Mitigation Options”, either:

- (a) If the design of the structural mitigation measures could be changed and would still achieve the same Identified Category at all relevant PPFs, and a suitably qualified expert approved by the Major Infrastructure Team Manager, Auckland Council, certifies to the Auckland Council that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed mitigation measures; or
- (b) If the changed design of the structural mitigation measure would change the Noise Criteria Category at any relevant PPF from Category A or B to Category C but Major Infrastructure Team Manager, Auckland Council confirms that the changed structural mitigation measure would be consistent with adopting BPO in accordance with NZS 6806:2010, the Detailed Mitigation Options may include the changed structural mitigation measures.

ON.5

The Detailed Mitigation Options shall be implemented prior to completion of construction of the Project.

ON.6

(a) Sectors 1 to 8 - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options:

- i. A noise level increase of 3 decibels or more will occur due to road-traffic noise from the Project; and
- ii. Habitable spaces are likely to receive in excess of 45 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year.

For those PPFs, following the process set out in Conditions ON.7 to ON.11, it shall be determined which Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces.

(b) Sector 9 - Prior to construction of the Project, a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council shall identify those PPFs within 100m of the edge of the closest traffic lane of the motorway carriageway where, following implementation of all the structural mitigation measures included in the Detailed Mitigation Options, habitable spaces are likely to receive in excess of 40 dB LAeq(24h) from motorway operational noise with windows closed, in the Design Year. For those PPFs, following the process set out in ON.7 and ON.8, it shall be determined if Building Modification Mitigation may be required to achieve 40 dB LAeq inside habitable spaces. For those PPFs where Building Modification Mitigation is required to achieve 40 dB LAeq inside habitable spaces, this shall be implemented following the process set out in ON.9 to ON.11.

ON.7

(a) Prior to commencement of construction of any sector of the Project in the vicinity of a PPF identified under Condition ON.6, the NZTA shall write to the owner of each such building seeking access for the purpose of measuring internal noise levels and assessing the existing building envelope in relation to noise reduction

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performance.

(b) If the owner(s) of the building approve the NZTA's access to the property within 12 months of the date of the NZTA's letter (sent pursuant to Condition ON.7(a)), then no more than six months prior to commencement of construction in any sector of the Project, the NZTA shall instruct a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council, to visit the building to measure internal noise levels and assess the existing building envelope in relation to noise reduction performance.

ON.8

Where a PPF identified under Condition ON.6 is identified, the NZTA shall be deemed to have complied with Condition ON.7 above where:

- (a) The NZTA (through its acoustics specialist) has visited the building; or
- (b) The owner(s) of the building approved the NZTA's access, but the NZTA could not gain entry for some reason after repeated attempts; or
- (c) The owner(s) of the building did not approve the NZTA's access to the property within the time period set out in Condition ON.7(b) (including where the owner(s) did not respond to the NZTA's letter (sent pursuant to Condition ON.7(a) within that period); or
- (d) The owner(s) of the building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.

If any of (b) to (d) above apply to a particular Building, the NZTA shall not be required to implement any Building Modification Mitigation at that Building

ON.9

Subject to Condition ON.8, within 6 months of the assessment required under Condition ON.7(b), the NZTA shall give written notice to the owner of each PPF identified under Condition ON.6:

- (a) Advising of the options available for Building Modification Mitigation to the building; and
- (b) Advising that the owner has three months within which to decide whether to accept Building Modification Mitigation for the building, and if the NZTA has advised the owner that more than one options for building modification mitigation is available, to advise which of those options the owner prefers.

ON.10

Once an agreement on Building Modification Mitigation is reached between the NZTA and the owner of an affected building, the mitigation shall be implemented (including the NZTA undertaking any required third party authorisation) in a reasonable and practical timeframe agreed between the NZTA and the owner. Building Modification Mitigation shall be to the standard specified in section 8.3.2 of NZS 6806:2010.

Advice Note: The NZTA will be responsible for obtaining any necessary building consents or other approvals to undertake the above Building Modification Mitigation.

ON.11

Subject to Condition ON.8, where Building Modification Mitigation is required, the NZTA shall be deemed to have complied with Condition ON.10 above where:

- (a) The NZTA has completed Building Modification Mitigation to the Building; or
- (b) The owner(s) of the Building did not accept the NZTA's offer to implement Building Modification Mitigation prior to the expiry of the timeframe stated in Condition ON.9(b) above (including where the owner(s) did not respond to the Requiring Authority within that period); or
- (c) The owner of the Building cannot, after reasonable enquiry, be found prior to completion of construction of the Project.

ON.12

The NZTA shall manage and maintain the Detailed Mitigation Options to ensure that, those mitigation works are maintained to retain their noise attenuation performance indefinitely

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ON.14

(a) Prior to construction, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake a minimum of 8 (eight) representative measurements of ambient noise levels. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(b) Following completion of the work, the NZTA shall arrange for a suitably qualified and experienced acoustics specialist approved by the Major Infrastructure Team Manager, Auckland Council to undertake traffic noise monitoring at the same sites surveyed in Condition ON.14 (a) above, within 2 to 3 years following completion of construction of the Project. Measurements shall be undertaken in accordance with the requirements of Section 5.2 of NZS6806:2010.

(c) The results of the noise level monitoring in accordance with ON.14(b) above shall be used to verify the computer noise model of the Detailed Mitigation Option. A report describing the findings of the verification shall be provided to the Major Infrastructure Team Manager, Auckland Council within one month of it being completed.

Vibration Conditions - Operation

OV.1

Existing ambient vibration levels shall be measured at critical locations nominated by the NZTA, and submitted to the Major Infrastructure Team Manager, Auckland Council for approval prior to the commencement of works. These baseline measurements will establish pre-Project vibration levels for comparison with future vibration levels.

Air Quality Conditions – Construction

GENERAL CONDITIONS

AQ.1.

The NZTA shall finalise and implement, through the CEMP, the Construction Air Quality Management Plan (CAQMP) and Concrete Batching and Crushing Management Plan (CBCMP) submitted with the application. The CAQMP and CBCMP shall be provided to the Major Infrastructure Team Manager, Auckland Council at least 20 working days prior to construction activities being undertaken for review and certification that the CAQMP and CBCMP includes the following details:

- (a) Daily visual monitoring of dust emissions;
- (b) Procedures for responding to process malfunctions and accidental dust discharges;
- (c) Criteria, including consideration of weather conditions and procedures for use of water sprays on stockpiles and operational areas of the site;
- (d) Continuous monitoring of Total Suspended Particulate (TSP) concentrations and meteorology;
- (e) Monitoring of the times of detectable odour emissions from the ground;
- (f) Procedures for responding to discharges of odour (including in the event of excavation of contaminated sites);
- (g) Monitoring of construction vehicle maintenance;
- (h) Process equipment inspection, maintenance, monitoring and recording, including baghouses, pressure relief valves and high level alarms;
- (i) Complaints investigation, monitoring and reporting; and
- (j) The identification of staff and contractors' responsibilities.

AQ.2.

The NZTA shall review the CAQMP and CBCMP at least annually and as a result of any material change to the Project. Any consequential changes will be undertaken in accordance with Condition CEMP.13.

AQ.3.

All construction activities shall be operated, maintained, supervised, monitored and controlled at all times so that all emissions authorised by this consent are maintained at the minimum practicable level.

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AQ.4.

The NZTA shall undertake construction activities in accordance with the CEMP, CAQMP and CBCMP, such that:

- (a) Hard surfaced areas of the construction yards and active construction areas are vacuum swept or scraped down at least twice each week and additionally as reasonably required;
- (b) All unsealed areas of the site used for vehicle movement are maintained visibly damp by the use of water sprays or a water cart during weather conditions where the potential for dust emissions exist;
- (c) Wheel wash systems are installed at all truck exits from unpaved areas of the site onto public roads are used for all trucks that depart from the site;
- (d) All stockpiles are constructed and positioned to minimise the potential for dust emissions. The surfaces of all stockpiles are maintained adequately damp at all times to minimise the release of particulate matter;
- (e) Belt conveyors for moving dry materials are fitted with water sprays or enclosed to minimise wind entrainment of dust. Where installed, water suppression is used whenever the conveyors are used for moving dry materials.

AQ.5.

Unless expressly provided for by conditions of this consent, there shall be no odour, dust or fumes beyond the site boundary caused by discharges from the site which, in the opinion of an enforcement officer, is noxious, offensive or objectionable.

AQ.6.

All offensive or objectionable dust beyond the boundary of the site caused as a result of processes on the site shall be mitigated forthwith in accordance with the requirements of the Construction Air Quality Management Plan.

AQ.7.

Beyond the site boundary there shall be no hazardous air pollutant caused by discharges from the site that causes, or is likely to cause, adverse effects on human health, environment or property.

AQ.8

No discharges from any activity on site shall give rise to visible emissions, other than water vapour, to an extent which, in the opinion of an enforcement officer, is noxious, dangerous, offensive or objectionable.

MONITORING

AQ.14

The NZTA shall undertake visual inspections of dust emissions as follows:

- (a) Visual inspections of all active construction areas at least three times daily during October to April inclusive, whenever there are construction activities. The results of visual monitoring shall be logged.
- (b) Visual inspections of dust emissions from the concrete batching plants and rock crushing plant shall be undertaken daily while the plant is operating

AQ.15

The operation of water sprays shall be checked at least once each day.

AQ.16

Continuous monitoring of TSP concentrations shall be undertaken in at least one location in Sector 1, in at least two locations in Sectors 5 and/or 7, and in at least two locations in Sector 9 while construction activities are being undertaken in those Sectors. The locations of continuous TSP monitors shall, as far as practicable, comply with the requirements of AS/NZ 3580.1.1:2007 Method for Sampling and Analysis of Ambient Air – Guide to Siting Air Monitoring Equipment.

AQ.17.

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Continuous monitoring of wind speed and direction shall be undertaken in at least one location in each of Sector 1, Sectors 5 or 7 and Sector 9 while construction activities are being undertaken in those Sectors. The locations of wind speed and direction monitors shall, as far as practicable, comply with the requirements of AS 2923:1987 Ambient Air – Guide for the Measurement of Horizontal Wind for Air Quality Applications and be at the same locations as the TSP monitors required by Condition AQ.16.

AQ.18.

The locations and types of continuous TSP and meteorological monitoring sites required by Conditions AQ.16 and AQ.17 shall be selected by the NZTA in consultation with the Auckland Council. In the event of a failure of the monitoring equipment, this shall be repaired or replaced within 2 working days

REPORTING

AQ.19.

All records, logs, monitoring and test results that are required by the conditions of this consent shall be made available on request, during operating hours, to an Auckland Council enforcement officer and shall be kept for the duration of the consent.

AQ.20. If the monitoring required by Condition AQ.16 shows that concentrations of TSP in ambient air at or beyond the boundary of the site exceeds 80 micrograms/m³ as a 24-hour average, the NZTA shall undertake an investigation into the cause of the exceedance in accordance with the CAQMP.

AQ.21.

A report into the outcome of any investigation required by Condition AQ.20 shall be forwarded to the Major Infrastructure Team Manager, Auckland Council within 10 working days of the exceedance. If the cause of the exceedance is identified as being an activity undertaken on the site, the report shall also identify additional measures to be taken to reduce discharges of particulate matter into air from that activity.

AQ.22.

Log books shall be maintained that record all relevant information that is required to demonstrate compliance with the conditions of this consent. This information shall include, but is not limited to:

- (a) Visual assessments of any dust emissions from the site and the source;
- (b) Any dust control equipment malfunction and any remedial action taken;
- (c) When a water cart was used and, if so, the frequency of use and the volume of water used (including identification of location);
- (d) All relevant details of the TSP and meteorological monitoring required by Conditions AQ.16 and AQ.17;
- (e) Any additional dust control measures undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

AQ.23.

The NZTA shall maintain a log of any complaints received relating to air quality. Details of each complaint received shall be forwarded to the Major Infrastructure Team Manager, Auckland Council within 24 hours of receipt of the complaint. The log shall include any complaints lodged with the Auckland Council where the Council has informed the NZTA of the complaint. The log shall include, but not be limited to the following:

- (a) The date, time, location and nature of the complaint;
- (b) Weather conditions at the time of the complaint (including approximate wind speed, wind direction, cloud cover);
- (c) Any possible other contributing factors (such as a fire, smoky vehicle, a local chimney emission, etc.);
- (d) The name, phone number and address of the complainant (unless the complainant elects not to supply these details);
- (e) Any remedial actions undertaken; and
- (f) The date and time of the entry and the signature of the person entering the information.

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Landscape and Visual Conditions

LV.1.

The Urban Design and Landscape Plans (UDL Plans) (Plan Set F.16, refer Schedule A, Row 17) shall be reviewed and revised in accordance with the conditions and submitted to the Major Infrastructure Team Manager, Auckland Council for certification that they comply with the conditions of the consents/ designation prior to construction of the relevant Project stage, at least 20 working days prior to the commencement of construction.

The UDL Plans shall be updated to:

- (a) Reflect relevant details from the PT and Active Mode Transport Routes Plan Set (Schedule A, Row 23);
- (b) Remove the playing field at Waterview Reserve;
- (c) Confirm the reconfigured bund design at Alwyn Avenue (Schedule A, Row 42);
- (d) Reflect landscaping required in relation to the northern vent stack in Waterview Glades pursuant to Conditions DC.8.

LV.2.

In certifying the UDL Plans, prepared in accordance with Condition LV.1, the Major Infrastructure Team Manager, Auckland Council shall be satisfied the UDL plans includes:

- (a) The visual mitigation of infrastructure as detailed in Section B of the UDLF (refer Schedule A, Row 38).
- (b) Incorporation of art or art through design of structures, particularly as it relates to noise barriers and the Great North Road Interchange piers and ramps (Refer to clauses (g) and (i) below).
- (c) Planting to screen houses and noise walls (including cross section details);
- (d) Planting along the corridor on Traherne Island, in accordance with these conditions and the Ecological Management Plan;
- (e) Specimen planting on the Great North Road Interchange and the Te Atatu Road Interchange;
- (f) Specimen planting at the tunnel portals (except where this is within the OPW area);
- (g) Finalisation of the noise barriers (as required by Condition ON.3(a)) in accordance with the design principles for noise walls (refer Schedule A, Row 32);
- (h) Delineation of the final areas of the Open Space Restoration Plans in accordance with the Open Space Restoration Plans (Schedule A, Row 30), and reference that all works within the Open Space Restoration Plan Areas are subject to Conditions OS.1 to OS.8;
- (i) Oakley Inlet Heritage Plan, prepared in accordance with Conditions OS.5, and in particular, consideration shall be given to the design treatment of the Great North Road Interchange piers and ramps to take into consideration the impact of the structures on the visual quality of the open space beneath;
- (j) Ecological Management Plan, prepared in accordance with Conditions V.1, A.1, H.1, F.1 and M.1;
- (k) Western Ring Route: Maioro Street Interchange and Waterview Connection - Oakley Creek Rehabilitation and Restoration Guidelines (Boffa Miskell, 2010); and
- (l) Details of artworks or art through design of structures within the Project (e.g. design detailing of median barriers, bridge railings, safety barriers, piers, retaining walls and tunnel portals), in accordance with Section B of the Urban Landscape and Design Framework (UDLF June 2010) (refer Schedule A, Row 38) and F.8:Plans of Structures and Architectural Features, but excluding the north and south ventilation buildings, plans sections and elevations.

LV.3.

The NZTA shall have implemented the UDL Plans within 6 months of practical completion of construction of the Project.

LV.4.

The landscaping shall be implemented in accordance with the UDL Plans within the first planting season following the completion of the construction works, provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained for a period of 10 years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping shall be implemented

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in accordance with this Condition for each stage unless subsequent construction staging requires use of the proposed landscaping area.

Advice note: On-going control and management of the landscaping within the designation is the responsibility of the NZTA.

LV.5.

The NZTA shall implement the UDL Plans taking into account the pest plant management guidelines detailed in the Ecological Management Plan (as required by Condition CEMP.3).

LV.6.

The UDL Plans shall make provision for close planting of fast growing native shrubs or small trees (Griselinia, Karo, Tarata or similar) along the security boundary of Construction Yard 1 facing Te Atatu Road. This planting shall be implemented prior to operational use of the yard and maintained in a healthy state for the duration of the works programme. Such planting shall occur at no greater than 1.0m centres and shall comprise plants that are Pb28 or larger at the time of planting.

LV.8.

The NZTA shall ensure that any areas within the designation affected by construction activities have sub-soil rehabilitated and top-soil replaced so that the hydrological response including the volume of stormwater runoff generated is as close as practicable to the predevelopment situation. The methodologies to achieve this shall be documented and provided to the Major Infrastructure Team Manager, Auckland Council with the revised UDL Plans submitted pursuant to Condition LV.1.

LV.10.

The UDL Plans shall identify all Amenity Trees required to be removed over the construction of the Project (in accordance with Condition CEMP.6(o) and (p)). Replacement trees shall be sized at 160Lt and will either draw from the Coastal Forest or Basalt Rock Forest ecotypes listed in the Landscape Planting Schedules (provided in F.16, refer Schedule A, 17) or an agreed alternative species (confirmed by Major Infrastructure Team Manager, Auckland Council), except in the case of those trees subject to Condition ARCH.9.

Advice note: This does not necessarily apply to any replacement planting in the Open Space Restoration Plan areas, which will be confirmed in approval from Auckland Council and will be in accordance with relevant Auckland Council Park guidelines (see Condition OS.4).

LV.11.

The UDL Plans shall make provision for the rehabilitation of McCormick Green at the completion of the SH16 construction works and removal of the construction stormwater pond. Works will be in general accordance with the UDL Plans 202 and 203, (Refer Schedule A, Row 17), providing for replacement Amenity Tree planting in accordance with Condition LV.10 above.

Open Space Conditions

OS.1 For the purposes of Conditions OS.2 – OS.15 the following terms will have the following meanings:

- Full size – means a football (soccer) field with the dimensions 100m x 60m.
- Half size – means a football (soccer) field with the dimensions less than 100m x 60m but no smaller than 50m x 30m.
- Toddler – means a playground specifically designed for children between the ages of 1 and 3
- Junior – means a playground specifically designed for children between the ages of 4 and 8
- Youth – means a playground specifically designed for children between the ages of 9 – 14 years
- Open Space Restoration Plans – means those plans listed in Schedule A, row 30.
- Open for Play - means the sports field has a level surface and a dense weed-free sward of mature grass, goal posts and lighting if indicated in the Open Space Restoration Plans approved by the Auckland Council.

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- Sand - carpeted - means the field has been levelled and irrigated, and conventional sub-soil drains, slit drains and a 50mm deep sand carpet have been installed. The field has been stolonised with a warm season grass such as kikuyu or couch.
- Auckland Council Park Guidelines – means the document by Auckland City Council titled “Furnishing our parks: design guidelines for park furniture”, dated September 2009
- Park furniture – means those items described in the Auckland Council Park Guidelines
- AS2560 – means the Australia New Zealand Standard for lighting of sports fields.
- AS4282 – means the Australia New Zealand Standard for the control of the obtrusive effects of outdoor lighting.
- Way finding exercise – means a process for determining the number, size, location and content of signage to provide clear direction for all park users.
- Skate-park for the purpose of conditions OS.5(b)(iii) means a skate park with a size of approximately 1,400 sq. m. (generally 25 wide x 55m long), incorporating a range of design variations. Suitable for beginners (providing training facilities to develop their skills) but primarily catering for intermediate to advanced level skaters.
- BMX bike track for the purpose of condition OS.5(b)(iii) means a low maintenance, non-competition BMX bike track, incorporating a range of design variations. Primarily catering for beginner and intermediate riders.

OS.2

The NZTA shall prepare Open Space Restoration Plans to outline how the open space replacement land, as defined in the Open Space Restoration Plan Areas (Schedule A, Row 30) (including land occupied during construction) will be reinstated or replaced on completion of construction, for handover to Auckland Council and those areas identified in Condition DC.1A(f) and RC.3(f). Following the consultation detailed in Condition OS.3 below, the Open Space Restoration Plans listed in Condition OS.3(a) to (f) shall be submitted within 12 months of construction commencing in the specific areas affecting the reserves or within 12 months of occupation of open space, whichever is the sooner, to the Major Infrastructure Team Manager, Auckland Council.

Advice note: Conditions OS.9 and OS.10 require certain works to be provided prior to occupation of Construction Yards 6 and 7 (Waterview Reserve) and Construction Yards 9-12 (Alan Wood Reserve) and this may impact on the timing of Open Space Restoration Plans for these areas.

OS.3

The Open Space Restoration Plans shall be prepared in consultation with the Auckland Council, Iwi, the Community Liaison Groups (Condition PI.5), NZHPT, and other recreation users and other user representatives identified by Auckland Council. The Open Space Restoration Plans shall comprise the following specific plans:

- (a) Waterview Reserve Restoration Plan;
- (b) Alan Wood Restoration Plan (including Hendon Park and 25 Valonia Street);
- (c) Oakley Creek Esplanade (Waterview Glades) Restoration Plan;
- (d) Jack Colvin Park Restoration Plan;
- (e) Rosebank Domain Restoration Plan;
- (f) Harbourview-Orangihina Reserve Restoration Plan.
- (g) The areas of the Open Space Restoration Plans are shown in the Open Space Restoration Plan Areas (Refer Schedule A, Row 30).

OS.4

All Open Space Restoration Plans shall be prepared in general accordance with the UDL Plans (Schedule A, Row 30), and shall include, but not be limited to, the following:

- (a) Details of, including the location, of any artworks and educational signage, and directional signage. In the case of Alan Wood Reserve, Waterview Reserve and Oakley Creek Esplanade (Waterview Glade) this shall include a “way-finding exercise” in accordance with Auckland Council practice, to determine all signage to be provided; and
- (b) Evidence of integration with the Oakley Creek restoration works required under Conditions STW.5, STW.20,

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V.16 and LV.2(i); and a summary of the consultation

undertaken (as required by Condition OS.3) and the response received; and

(c) Details of any vehicle access through the reserves and parking areas; and

(d) Park furniture (including quantity and quality) to be provided in accordance with relevant Auckland Council Park guidelines, except for:

(i) The riparian area within Alan Wood Reserve where the only furniture required is a maximum of 10 seats; and

(ii) Oakley Creek Esplanade (Waterview Glades) where the only furniture required is replacement of 3 existing seats; and

(e) The inclusion and integration of the design for all pedestrian and cycleway linkages and facilities detailed on the PT and Active Mode Transport Routes (Schedule A, Row

22). The design integration shall be in accordance with CPTED principles;

(f) Implementation programme, including sequencing of works and completion dates. This shall include works that could be implemented prior to practical completion of construction works or are outside the Project area (e.g. upgrading of the Waterview Esplanade Reserve set out in Condition OS.5(b)(vii);

(g) Implementation programmes for planting and field reinstatement. This shall include:

(i) A 12 month maintenance period for built structures and soft landscaping; and

(ii) For any landscaping accessible to horses an assessment to demonstrate that the planting schedule is not toxic to horses and that consultation on this has been undertaken with the Te Atatu Pony Club;

(h) The specific requirements for each Restoration Plan area as set out in Conditions OS.5 – OS.8;

(i) Documentation of consultation undertaken required by Condition OS.3 and the views and concerns expressed by this consultation and the written approval of the Manager Community and Cultural Policy.

Advice note:

For the avoidance of doubt provision of (a) to (h) above will require elevations, cross sections, engineering drawings and written documentation to supplement the UDL Plans. It is also noted that the UDL Plans identify landscaping, planting and other works beyond the Open Space Restoration Plans (refer Conditions LV.1 – LV.6, LV.9 and LV.10). Educational signs and artworks are particularly encouraged.

OS.13

During construction, the NZTA shall maintain pedestrian accessways to all open space available for public use during construction and education facilities where access is affected by the works, including any public access that crosses private land. Such access shall be safe, clearly identifiable, provide appropriate surfacing and seek to minimise significant detours. The access shall be of a same or similar standard as that disrupted and will be provided and maintained by the NZTA.

Advice note: This specifically includes the existing pedestrian access that provides a connection to the crossing over Oakley Creek between 1510 Great North Road and Unitec Mt Albert Campus.

Jack Colvin Park Restoration Plan (Specific)

OS.8

In preparing the Jack Colvin Park Open Space Restoration Plan, equivalent reinstatement of the benched seating area will be offered to Auckland Council.

OS.15

The works shall not result in any permanent loss of carparking from Western Springs Garden carpark.

Social Conditions

SO.1

In addition to the Community Liaison Groups established pursuant to Condition PI.5, the NZTA shall establish an Education Liaison Group (including representatives from local schools, kindergartens, childcare facilities, Unitec Institute of Technology, the Ministry of Education and Housing New Zealand Corporation), to provide a forum through which:

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- (a) Relevant monitoring data can be provided (e.g. air quality monitoring);
- (b) Notice can be provided of when particularly noisy activities will occur in close proximity to schools and education facilities, to enable the opportunity to identify any potential conflict with particular sensitive periods, and the requirement for specific mitigation strategies (e.g. rescheduling of construction activities where practicable);
- (c) Particular concerns can be raised by educational facilities or parents, discussed and potentially addressed;
- (d) Notice can be provided of potential construction impacts on school transport routes (including pedestrian/cycle access) to enable the opportunity to identify specific mitigation preferences of the education facilities (e.g. any detour routes) and to enable these facilities to appropriately inform students and/or parents; and
- (e) Learning and teaching opportunities for educational facilities to participate in Project works (e.g. planting or artworks).

The Education Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period. The Education Liaison Group shall continue to meet for at least 12 months following the completion of the Project (or less if the members of the Education Liaison Group agree), so that ongoing monitoring information can continue to be disseminated.

SO.2

In addition to Condition SO.1(b) above, where noisy construction activities (that are projected to exceed the Noise Criteria in the CNVMP) are proposed in close proximity or adjacent to schools/ childcare centres, the NZTA shall, when preparing their SSNMP (in accordance with Condition CNV.1) give specific consideration to options to carry out these works outside school hours or during school holidays as a mitigation option.

SO.6

In addition to the Community Liaison Group established pursuant to Condition PI.5, the NZTA shall establish a Working Liaison Group (WLG) inviting the following:

- (a) Auckland Council;
- (b) Housing New Zealand Corporation;
- (c) Te Kawerau Iwi Tribal Authority;
- (d) Ngati Whatua o Orakei;
- (e) KiwiRail;
- (f) Department of Conservation;
- (g) Ministry of Education; and
- (h) Local Boards.

The purpose of this WLG will be to provide a forum through which:

- (a) Opportunities for public work development (including social housing, passenger transport or recreation / open space) are identified in areas where the NZTA confirms that the designation is no longer required (e.g. following construction activities);
- (b) Comment can be provided on updated Urban Design and Landscape Plans, including the finalised designs of structural elements for the Project (prior to their submission to the Auckland Council);
- (c) Opportunities for integration of other environmental projects (e.g. restoration plantings) are identified;
- (d) Consideration is given to appropriate protocols for commencement and completion of construction activities (including blessings for commencement of construction phases); and
- (e) Comment can be provided by Te Kawerau a Maki on the detailed lighting design of SH16, to consider how lighting effects on cultural sites and practices might be mitigated without compromising traffic safety or those performance standards identified in Condition L.1.

The Working Liaison Group shall be established at least 2 months prior to construction commencing and shall have regular meetings (at least three monthly) throughout the construction period.

SO.7

A schedule of trees that require removal for construction of the Project will be identified and reported to the

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Community Liaison Group for their consideration of potential provision of timber for heritage projects (including in particular the provision of Robinia wood for heritage boat building). If the demand for this timber is identified to the Construction Team, appropriate measures for felling and removal from the site will be confirmed.

SO.8

The NZTA will provide financial support to Te Atatu Pony Club over the period of occupation of Construction Yard 1 for additional feed supplement required as a consequence of the area of lost grazing. Support will be paid on receipt of proof of purchase up to a maximum of \$12,000/yr and excluding any existing feed purchase that is required by the club (e.g. the amount of additional feed purchased in the 2010 and 2011 years, when the club had full use of the proposed construction yard 1).

Except this condition will be amended if additional grazing land becomes available or is provided by the Auckland Council (Areas A and B identified in the Henderson Massey Local Board Minutes, dated 7 April 2011). In this instance, providing the forage on that pasture is suitable for food for horses, the amount payable would be pro-rated based on the shortfall in area from the 'pre-construction' lease area only.

SO.9

The NZTA will provide annual financial support to Te Atatu Pony Club for monies lost from the 'One Day Events' held on the Harbourview - Orangihina Park, calculated on the basis of average annual funds derived from such events over the Feb 2008 to Feb 2011 years (up to a limit of \$8,000). This payment will be over the period from the contractor's occupation of Construction Yard 1 to the confirmation of the Open Space Restoration Plan (required by Condition OS.2 – OS.4). If the Open Space Restoration Plan for Harbourview - Orangihina Park confirms that the Pony Club will be reinstated on the site, then payment will continue up until restoration is completed to the satisfaction of Auckland Council.

SO.10 Subject to any necessary consent and landowner approvals, the NZTA will construct a raceway on the alignment shown on the Plan 'Te Atatu Interchange': Construction Yard 1, including annotations (see Schedule A, Row 34). The raceway shall be not less than five metres wide and enclosed on both sides by timber rail fencing.

SO.11

The NZTA shall form a level, grassed area having approximate dimensions of 90 metres by 170 metres suitable for the exercise of horses, within the general location shown on the Drawing 'Te Atatu Interchange': Construction Yard 1 (see Schedule A, Row 34). Except this condition will cease to have effect if other adjacent land becomes available or is provided by the Auckland Council to the Te Atatu Pony Club for the duration of the NZTA's occupation of the land for Construction Yard 1 (for example, if the Areas A and B identified in the Henderson Massey Local Board Minutes, dated 7 April 2011 are made available).

SO.12

The NZTA shall comply with the obligations offered by the NZTA in its letter to the Te Atatu Pony Club, 21 March 2011, including the following:

- (a) Development of a Construction Yard Plan in consultation with the Te Atatu Pony Club and the Auckland Council to minimise the impacts on ponies and horses which will address:
 - (i) The location, timing and monitoring of construction yard activities which could affect ponies and horses; and
 - (ii) Confirm the programme of key events in the Te Atatu Pony Club calendar so that, any construction yard activities with the potential to cause disruption can be rescheduled; and
 - (iii) Confirm communication protocols between the NZTA and its contractors and the TAPC;

Advice note:

The attention of NZTA and the club is drawn to the PI suite of conditions concerning communication, consultation, and liaison.

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(b) Subject to any necessary consent and landowner approvals, undertake the following works (where relevant, these works are to be in accordance with the details identified on the plan Te Atatu Interchange: Construction Yard 1 (see Schedule A, Row 34)):

- (i) Relocate existing water troughs (and their supply lines), trees (in accordance with Condition CEMP.6(n) and CEMP.6(o)) and horse jumps located within the construction yard to elsewhere in the remaining area leased by the Te Atatu Pony Club;
- (ii) Provide surface water drainage for the south western paddock adjacent to the Motorway (SH16).

Vegetation Conditions

V.1

The NZTA shall finalise the ECOMP submitted with this application, prior to works commencing on site. The ECOMP shall be implemented through the CEMP. The ECOMP shall clearly identify the location and identity of:

- (a) All Significant Vegetation within the designation that is to be fully protected or relocated; and
- (b) All Valued Vegetation within the designation that is affected by the works (protected or removed).

Note: Significant and Valued Vegetation shall be as defined in the ECOMP.

V.2

The NZTA shall employ a suitably experienced botanist ('nominated botanist') for the duration of the works to monitor, supervise and direct all works affecting or otherwise in close proximity to the Significant Vegetation and Valued Vegetation identified in the ECOMP.

V.3

Prior to any site works commencing, a pre-commencement site meeting shall be held so that the conditions that pertain to the Significant Vegetation and Valued Vegetation and all vegetation in general (both native and exotic) are explained by the nominated botanist to all contractors or sub-contractors who will be working on site within the close vicinity of that vegetation.

V.4

The NZTA shall minimise the amount of vegetation (both native and exotic) which is to be cleared, with the exception of weeds (both woody and otherwise, unless agreed with the Major Infrastructure Team Manager, Auckland Council and the Community Liaison Group that the retention of these 'weeds' has other environmental or ecological benefits that warrant their retention). All vegetation clearance shall be undertaken in accordance with the measures set out in the ECOMP.

V.5

The NZTA shall install protective fencing around, or otherwise clearly demarcate, all of the Significant Vegetation identified in the ECOMP as requiring full protection, under the supervision of the nominated botanist.

V.6

The NZTA shall replace any terrestrial Valued Vegetation that is required to be removed as a result of construction activities, in accordance with the ECOMP and the Urban Design and Landscape Plans.

V.7

The nominated botanist shall supervise all trimming, pruning and relocation work associated with the Significant Vegetation and Valued Vegetation required as part of the works.

V.8

Immediately prior to planting, and for a period of 2 years following completion of construction, the NZTA shall undertake weed control and management of all invasive plant pests within the vegetated areas of the surface designation for the Project. Following this 2 year period, on-going control and management of all invasive plant pests within these areas will be the responsibility of the NZTA.

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V.9

The nominated botanist shall undertake a monitoring programme throughout the construction period, including monitoring of:

- (a) The condition, repair and location of the temporary protective fencing or other forms of demarcation used to identify the Significant Vegetation;
- (b) Any works within the vicinity of the Significant Vegetation and Valued Vegetation;
- (c) The general health of the Significant Vegetation and Valued Vegetation (including any Significant or Valued Vegetation that has been relocated away from the works area); and
- (d) Compliance with the vegetation conditions of designation by way of fortnightly inspections during the construction period.

V.10

Any planting utilising native plants shall use plants genetically sourced from the Tamaki Ecological District where possible or otherwise shall use plants that have been genetically sourced from within the Auckland Ecological Region.

Avian Conditions

A.1

The NZTA shall finalise, and implement through the CEMP, ECOMP submitted with this application to include the matters set out in Conditions A.2 to A.6.

A.3 The NZTA shall employ a suitably qualified ecologist to undertake monitoring of the roosting areas located at:

- (a) The existing high tide roost in Harbourview-Orangihina Park; and
- (b) The temporary construction roosting structure(s) pursuant to Condition A.2.

Monitoring shall be undertaken on a monthly basis, with a monitoring report prepared on a quarterly basis. The monitoring report shall be made available to the Major Infrastructure Team Manager, Auckland Council and Department of Conservation upon request.

A.4

Should the monitoring results indicate that the roosting sites have been abandoned, consultation shall be undertaken with the Department of Conservation and the Major Infrastructure Team Manager, Auckland Council to determine the need for and type of further management strategies (if any) required.

Herpetofauna Conditions

H.1

The NZTA shall finalise and implement through the CEMP, the ECOMP submitted with this application to include details of lizard management to be undertaken, including the following:

- (a) Lizard capture methodology, including timing;
- (b) Lizard release locations(s);
- (c) Lizard habitat enhancement at population release sites, including a detailed pest control programme for a minimum of one month prior to release and for a minimum of three consecutive years' duration after release;
- (d) Location(s), monitoring and maintenance of lizard protective fencing;
- (e) Post-release monitoring methodology; and
- (f) Lizard captive management methodology.

Lighting Conditions

Operation

L.1

Lighting shall be designed and screened to minimise the amount of lighting overspill and illumination of residential areas, in general accordance with the Waterview Connection Lighting Plan (Drawing Set F.11 (Refer

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Schedule A, Row 12):

- a) All motorway lighting shall be designed in accordance with "Roadlighting Standard AS/NZS1158";
 - b) All other lighting shall be designed in accordance with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
 - c) Fully cut off luminaries shall be used on SH20 from the Southern Tunnel Portal to the Maioro Street Interchange to minimised lighting overspill, as shown on Drawing Set F.11(Refer Schedule A, Row 12).
- Construction Zones and Construction Yards

L.2

A Temporary Construction Lighting Management Plan shall be prepared for all construction zones and construction yards prior to commencement of any night time works within the construction zones and construction yards. The Temporary Construction Lighting Management Plan shall be independently verified by a lighting specialist and provided to the Major Infrastructure Team Manager, Auckland Council for certification of compliance 10 working days prior to any night time work commencing.

The certification process shall ensure that the Plan includes (but is not be limited to):

- a) The layout and arrangement of all temporary lighting required for night time works, and shall show how this avoids the "Light Spill Restriction Zone" identified on the Construction Yard Plans (Refer Schedule A, Row 7) submitted with the application, and that the temporary lighting complies with relevant rules provided in Rule 14 of the Waitakere City District Plan or Part 13 of the Auckland City Bylaw (April 2008);
- b) Provision for a 10m buffer between the night time work and any residential boundary at all times to minimise potential for light spill; and
- c) General operating procedures outlined in the CEMP.

L.3

Asymmetrical floodlights with horizontal glass visors that are not raised more than 3 degrees above the horizontal plane shall be used for any temporary construction night time lighting requirements. Alternative temporary lighting arrangements may be used, subject to the prior approval of the Major Infrastructure Team Manager, Auckland Council, where it can be demonstrated that the proposed lighting is similar or better to asymmetrical floodlights with glass visors. Glare shall be kept below the recommendation given in AS 4282 – 1997 "Control of the Obtrusive Effects of Outdoor Lighting" Tables 2.1 and 2.2.

Archaeology Conditions

ARCH.1

The NZTA shall complete, and implement through the CEMP, the Archaeological Site Management Plan (ASMP) submitted with the notice of requirement, to include, but not be limited to:

- a) Identification of the Project archaeologist, their role and responsibility on the Project;
- b) Who reports to the Project archaeologist;
- c) Specific sites requiring supervision, and measures to be undertaken to protect and manage these sites;
- d) Whether NZHPT and/or Auckland Council heritage and/or iwi supervision is required for the specific site (the latter to be determined through consultation with the relevant iwi groups); and
- e) Accidental discovery protocols in the event that unknown archaeological sites are uncovered.

ARCH.2

The NZTA shall employ at its expense a qualified archaeologist (the Project archaeologist) who shall be on site to monitor all initial earthworks, including surface stripping of the site, for all specific areas identified in the ASMP to establish whether any sub-surface archaeological features are present. This includes, but is not limited to, the following areas:

- (a) All unmodified areas in the vicinity of Rosebank Road;
- (b) All works in the vicinity of the "Oakley Inlet Heritage Area", located adjacent to the Great North Road Interchange;
- (c) Works in the vicinity of two midden sites (recorded R11/2214 and R11/2215) within Great North Road

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Interchange, and all previously unmodified areas near the banks of the Oakley Inlet;

(d) Any ground disturbance works in Construction Yard 7 within Oakley Creek Reserve.

ARCH.3

If any archaeological sites, including human remains are exposed during site works, then the following procedures shall apply:

(a) Immediately it becomes apparent that a possible archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;

(b) The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched and notify the Project archaeologist;

(c) The Project archaeologist shall inspect the site to assess the relevance of the find, and then the Auckland Council shall be advised of the significance;

(d) If the site is confirmed to be an archaeological site by the Project archaeologist, the site supervisor shall then notify tangata whenua, the New Zealand Historic Places Trust, and the Auckland Council that an archaeological site has been exposed so that appropriate action can be taken;

(e) In the case of human remains, the NZ Police shall be notified.

ARCH.8

All contractors and subcontractors working on the Project shall be trained on the archaeological requirements set out in the ASMP.

Advice note:

Any archaeological sites within the area affected by the Project shall not be modified or disturbed in any way unless written authorisation has been obtained from the NZ Historic Places Trust.

Contaminated Land and Contaminated Discharges Conditions

CL.1

The NZTA shall finalise and implement through the CEMP, the Contaminated Soil Management Plan (CSMP) submitted with this application prior to commencement of any site works. The CSMP shall include, but not be limited to:

(a) Measures to be undertaken in the handling, storage and disposal of all material excavated during the construction works;

(b) Soil validation testing and groundwater testing;

(c) Soil verification testing to be undertaken to determine the nature of the excavated spoil and potential reuse or disposal options;

(d) Measures to be undertaken in the event of unexpected contamination being identified during construction activities; and

(e) Measures to be undertaken for the handling of asbestos containing material.

CL.4

All excavated soil shall be tested by the NZTA in general accordance with the CSMP, prior to either reuse on site or disposal off site. The testing regime shall be submitted for approval by the Major Infrastructure Team Manager, Auckland Council.

CL.5

The NZTA shall notify the Major Infrastructure Team Manager, Auckland Council within 5 working days of identification of any contamination at the site which was not identified in the reports submitted in support of this application, including contaminated soil, surface water or groundwater. The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.6

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The removal of any excavated contaminated soil shall be in accordance with the CSMP. The removal and disposal of any contaminated groundwater/ surface water from the site shall be in accordance with the GWMP and the ESCP.

CL.7

The NZTA shall engage a suitably qualified contaminated land specialist to supervise the works, excavation and removal of any contaminated soils from the site and undertake sampling (if required) of imported material.

CL.8

All testing / sampling techniques shall be carried out in accordance with the Ministry for the Environment Contaminated Land Management Guidelines or other equivalent standards approved in writing by the Major Infrastructure Team Manager, Auckland Council.

CL.11

The NZTA shall submit to the Major Infrastructure Team Manager, Auckland Council, a Site Closure Report no later than three (3) months after the completion of the earthworks. The Report shall be prepared in accordance with Schedule 13 (Schedules for Reporting on Contaminated Land) of the Proposed Auckland Regional Plan: Air Land and Water and include:

- (a) Results of any soil reuse and imported material testing carried out to ensure compliance with the CSMP;
- (b) Volumes of soil removed from site;
- (c) Copies of the waste disposal receipts; and
- (d) Reports of any non-compliance with the CSMP procedures or complaints received while undertaking the site works.

Freshwater Conditions

F.1

The NZTA shall finalise, and implement through the CEMP, the ECOMP submitted with this application. The ECOMP shall be updated to ensure compliance with the conditions of this consent and include changes to the details of construction processes prior to construction commencing. The ECOMP shall include, but not be limited to details of:

- (a) Monitoring of freshwater ecology;
- (b) Monitoring of freshwater and stream sediment quality;
- (c) Trigger event criteria for undertaking additional monitoring;
- (d) Procedures for responding to accidental discharges of contaminants to the freshwater environment; and
- (e) Contingency plans and/or remedial measures in the event monitoring results identify adverse effects.

F.2

The NZTA shall engage a suitably qualified ecologist and water quality scientist to undertake freshwater monitoring programme prior to, during and following construction to monitor the effect of the Project on the freshwater ecology. The freshwater monitoring shall be undertaken in Oakley Creek, Pixie Stream and Meola Creek. The freshwater monitoring programme shall be undertaken in accordance with the details set out in the ECOMP and include:

- (a) Cross sectional profiles;
- (b) Macro invertebrate sampling; and
- (c) Freshwater fish monitoring.

F.3

The freshwater monitoring programme shall, as a minimum, be undertaken in accordance with the following frequency:

- (a) Prior to construction – two baseline ecological surveys.
- (b) During construction – twice per year for fish and macro invertebrates and cross sectional profiles, within one month prior to the beginning of the earthworks season and within one month either side of the end of the

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earthworks season.

(c) Post construction – on an annual basis for a maximum period of three years, or less if the Major Infrastructure Team Manager, Auckland Council is satisfied that no adverse effects have occurred or are likely to occur from the Project.

(d) Monthly water quality samples at the five existing Oakley Creek sample locations to be analysed for pH, turbidity, suspended solids, metals (Zn, Cu and Pb) and nutrients.

(e) Four “event based” samples per annum from each of the current two Oakley Creek sites. The samples are to be analysed for pH, turbidity, suspended solids, metals (Zn, Cu and Pb), hydrocarbons (TPH) and nutrients.

(f) Two sediment quality samples per annum (January and July) at the five existing water quality Oakley Creek sites (if there is sufficient sediment to sample). The samples are to be analysed for metals (Zn, Cu and Pb), polycyclic aromatic hydrocarbons (PAH), hydrocarbons (TPH) and semi-volatile organic compounds.

Advice note: The sample collection and analysis required under sub-clauses (d) to (f) shall be undertaken following an IANZ accredited methodology by a suitably accredited laboratory (International Accreditation New Zealand).

F.4

The NZTA shall undertake additional freshwater monitoring in the event of a ‘trigger event’ for freshwater habitats. For the purposes of this consent, a ‘trigger event’ for freshwater habitats is defined in the ECOMP.

F.5

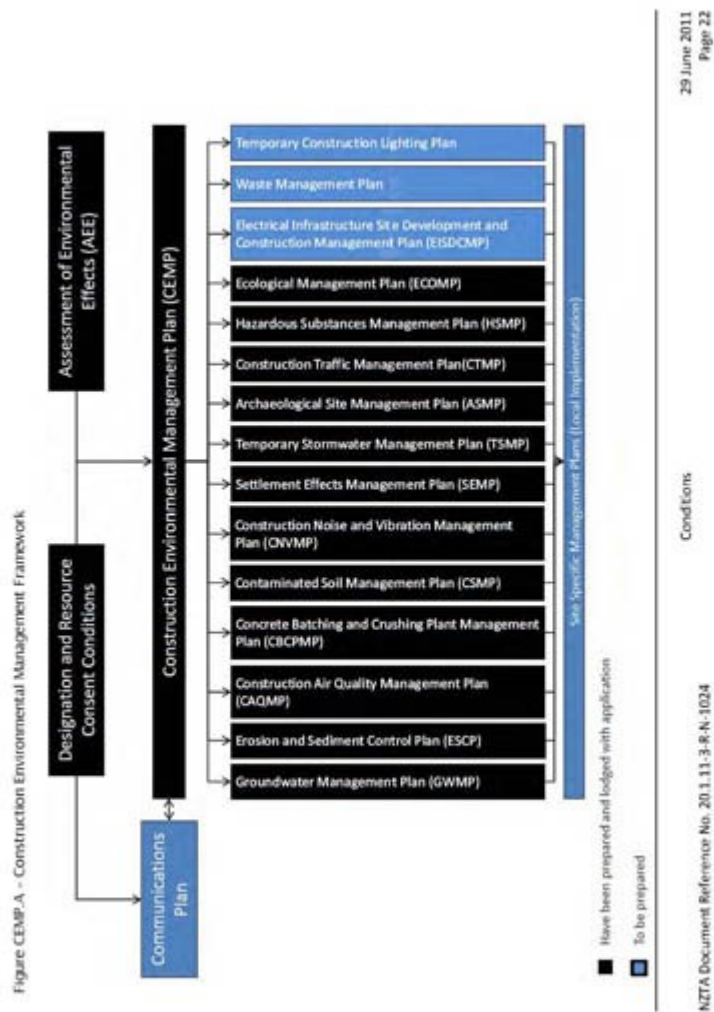
The NZTAs ecologist/hydrologist (required by condition F.2) shall review, every six months, the freshwater monitoring results, provided from Conditions F.2 to F.4, and results in monitoring detailed in earthworks Conditions E.9 and E.19 and Groundwater Condition G.10. In the event that potential adverse effects are identified, including through review of the Condition G.10 monitoring results by the hydrologist and freshwater ecologist required by Condition G.12, the NZTA shall develop and submit for the approval of the Major Infrastructure Team Manager, Auckland Council appropriate contingency plans and/or remedial measures in accordance with the measures set out in the ECOMP.

F.6

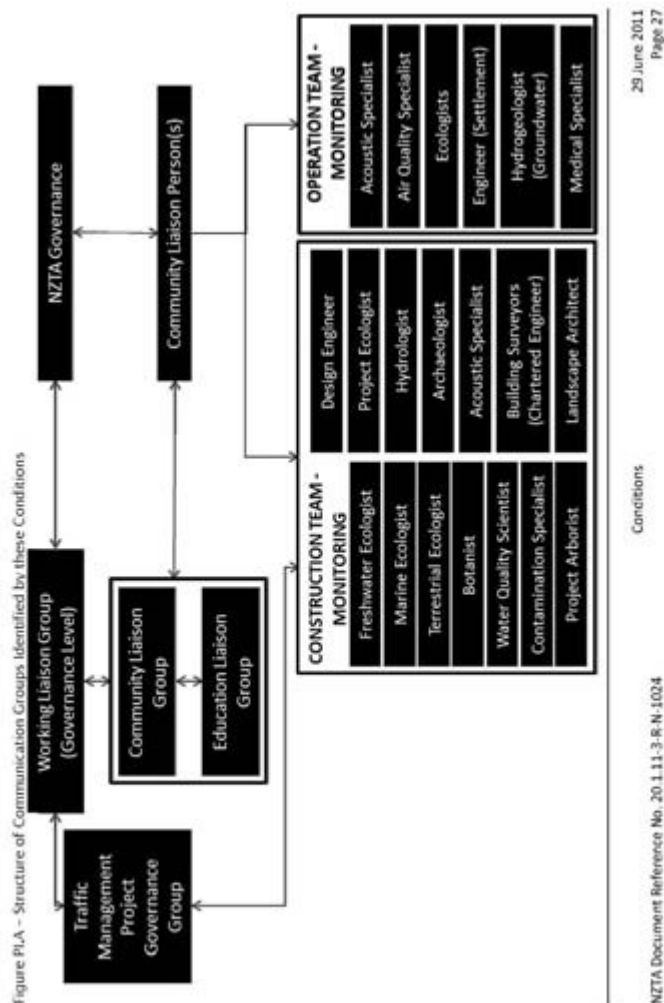
Freshwater monitoring reports shall be compiled from the monitoring undertaken pursuant to Conditions F.2 to F.4 and the review of Condition F.5, and a report provided to the Major Infrastructure Team Manager, Auckland Council every 6 months.

Attachments

Attachment 1: Figure CEMP.A - Construction Environmental Management Framework



Attachment 2: Figure PI.A - Structure of Communication Groups



6740 State Highway 16 - Westgate to Whenuapai

Designation Number	6740
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 from north end of Fred Taylor Drive to Brighams Creek, Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation NZTA3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

N/A.

Conditions

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1. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 1. Note that major earthworks may require a consent from the Auckland Council.

Attachments

No attachments.

6741 State Highway 16 and 18 - Westgate to Whenuapai and Hobsonville

Designation Number	6741
Requiring Authority	New Zealand Transport Agency
Location	State Highways 16 from Westgate interchange, Westgate to Brigham Creek Road intersection, Whenuapai and State Highway 18 from Westgate interchange, Westgate to Greenhithe Bridge, Hobsonville
Rollover Designation	Yes
Legacy Reference	Designation NZTA4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

N/A.

Conditions

1. General

Modification of SH16B

i. That the proposed SH16B designation be modified by reducing its size so that it does not extend northward of the current SH16 intersection with Brigham Creek Road. This modification shall be as shown on Plan TNZ/03 attached to these conditions.

Maintenance of Land

ii. That any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

Access

iii. Where private access to private property is directly affected by the designation, Transit New Zealand, in consultation with each affected owner, shall provide suitable alternative vehicular access to those properties unless the affected landowner agrees otherwise. Such alternative access shall:

a. In those cases where the proposed access serves the same or lesser number of properties as the existing access or accesses, be of no lesser construction standard than the existing access.

b. In those cases where the proposed access serves a greater number of properties than an existing access or accesses, comply with the Waitakere City Council construction standards applicable at the time. In all cases works must be completed and maintained to ensure access to those properties at all times. For the purposes of this condition, the term "properties" shall include only those properties existing at the time of confirmation of the designation or once appeals have been determined (whichever is the later).

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Vehicular access

iv. At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, Transit New Zealand shall ensure that the property owner is consulted about the most suitable time for carrying out the work and shall minimise the period during which vehicular access is prevented.

Liaison person

v. That a permanent liaison person shall be immediately appointed by Transit New Zealand for the duration of the highway project to be the main and readily accessible point of contact for persons affected by the designation and construction works. The liaison person's name and contact details shall be advised to affected parties by Transit New Zealand. This person must be available for ongoing consultation on all matters of concern to affected persons.

Iwi protocols

vi. The iwi protocols submitted with the Notice of Requirement (Appendix 14, Volume 2 of the AEE) shall be followed.

Pegging properties

vii. That, where requested by owners, Transit New Zealand shall physically peg out the extent of the alignments on individually affected properties once the designation has been confirmed or once all appeals have been determined (whichever is the later).

Monterey Park Signage

viii. That appropriate signage shall be provided directing access to Monterey Park, in consultation with the owner of that site.

Specific properties

ix. In carrying out detailed design, Transit New Zealand shall consult with the owners of 143, 147 and 155 SH16, 21 Brigham Creek Road and 122 Hobsonville Road and shall to the greatest practicable extent minimise land take from those properties.

Definition of "practicable"

x. For the purpose of these conditions, in determining whether a proposed activity is "practicable" or "impracticable", Transit New Zealand shall have regard to:

- The nature of the proposed activity; and
- The sensitivity of the environment which will be affected by the proposed activity; and
- The financial implications of the proposed activity when compared with other options; and
- Relevant planning instrument; and
- The effects on the environment of the proposed activity when compared with other options; and
- The current state of technical knowledge and the likelihood that the proposed activity can be successfully carried out.

Outline Plans and Management Plans

xi.

a. Prior to the commencement of the works, Transit New Zealand shall submit to Council the relevant Management or Mitigation Plans required under Conditions 3.ii. and 6.i.

b. The Plans shall be submitted to Council as soon as reasonably practicable, and in any event, allowing sufficient time for review by Council and discussion with Transit.

c. Any Management, Mitigation or Outline Plans may be submitted in stages to reflect any proposed staging of

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the physical works.

d. If Council and Transit agree on the terms of such Management or Mitigation Plans, that agreement shall be deemed to be a waiver pursuant to section 176A(2)(c) of the RMA of the requirement for an Outline Plan and under section 176A.

e. If Council and Transit do not agree on the terms of such Plan or Plans, the provision of section 176A of the RMA shall apply of any matter not agreed.

f. The works shall be undertaken in accordance with the relevant Management or Mitigation Plan or Outline Plan (as the case may be).

2. Road Design

Shoulder bus lanes

i. That a motorway cross-section shall be provided for that can accommodate future 3.5m shoulder bus lanes.

Hobsonville Road interchange

ii. That Transit shall incorporate facilities for pedestrians and cyclists at the Hobsonville Road interchange in general accordance with the attached plan entitled Figure 1 - Hobsonville Road Cyclist Facilities.

Cycle and pedestrian paths

iii. That Transit New Zealand shall reinstate or replace existing cycle or pedestrian paths affected by the designation to a similar standard as existing.

Cyclists and Pedestrians

iv. That adequate provision shall be made to ensure that cyclists and pedestrians can travel between the Upper Harbour Bridge and Hobsonville Road.

Utility Operators

v. Subject to the general powers and obligations as set out in section 54 of the Transit New Zealand Act 1989, during the detailed design processes and subsequent construction processes, Transit New Zealand and its agents shall liaise with all relevant utility operators prior to undertaking any work in reliance on the designation and shall ensure that all existing utility services located in or adjacent to the motorway designation are:

a. Either protected from any activity which may interfere with the proper functioning of the services, or relocated; and

b. If damaged, repaired; at Transit New Zealand's expense, to the reasonable satisfaction of the affected utility operator.

3. Noise Impact Mitigation

i. That the alignments be designed and constructed in accordance with Transit New Zealand's "Guidelines for the Management of Traffic Noise for State Highway Improvements", December 1999.

ii. That a detailed Noise Mitigation Plan shall be prepared by a suitably qualified noise consultant in consultation with the Director of Planning, Waitakere City Council. The Noise Mitigation Plan shall be submitted to the Director of Planning, Waitakere City Council, prior to construction. The purpose of the plan is to describe the method by which noise associated with traffic using the roading within the designation will be made to comply with specified noise limits. Where the ambient sound level is required to be monitored to determine design limits then this shall be done prior to construction commencing.

iii. Noise monitoring shall be undertaken in accordance with NZS6801:1991 Measurement of Sound. Transit New Zealand shall ensure that representative noise monitoring of the Highway route is undertaken at its expense by a suitably qualified and experienced acoustical consultant if so requested by Waitakere

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City Council within nine months of the opening of the whole route if that occurs separately. Results of all noise monitoring shall be supplied to Council within six weeks of the monitoring being completed.

iv. That during construction, New Zealand noise standard NZS 6803P: 1984 The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Works be complied with.

v. Notwithstanding the generality of Condition 3.iii. above, at such time as the new Highway is operational, Transit shall:

a. Undertake specific noise monitoring on the properties at:

- 70 Trig Road owned by C & S Birch, legally described as Lot 8 DP 64470;
 - 72 Trig Road owned by Jon Winifred Boyle, legally described as Lot 7 DP 64470;
 - Kedgley Drive, legally described at Lot 3 DP 117530 owned by Annemarie de Vos,
- to ensure that the specified noise limits set out in Condition 3.i. are being complied with; and

b. If such limits are not being complied with, take such further action in consultation with each of those parties and/or their authorised representative as may be necessary to ensure compliance

4. Archaeological Remains

i. That, should construction work uncover any archaeological remains, Transit New Zealand immediately advise local Kaumatua and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained.

ii. That Transit New Zealand engage a recognised archaeologist:

- a. To undertake a scientific archaeological investigation of the Sinton Store site (R11/2000) and make the requisite applications to the New Zealand Historic Places Trust for authority to modify or destroy the site (on behalf of Transit New Zealand); and
- b. To be present during construction of the section of the new SH18 alignment between Upper Harbour Drive (Hobsonville Road) and Sinton Road and to determine whether any subsurface remains are present in this section of the alignment.

iii. That Transit New Zealand implement, where practicable, any recommendations made by the archaeologist in relation to conditions 4.i. and 4.ii. above.

5. Heritage

Relocation of Heritage Buildings

- i. With respect to the buildings at 1, 2 and 3 Clarks Lane, 1 Brigham Creek Road and 130 Hobsonville Road, Transit shall pay the reasonable costs (including the costs of any consents required) for each building of:
- a. relocating it appropriately to a new location within the wider Hobsonville area which recognises the historical significance of that building; then
- b. refurbishing to its “pre-removal” standard.

This Condition shall remain operative until such time as the construction of the SH16/18 realignment project requires that the building or buildings (as the case may be) need to be removed. Transit shall commence consultation with appropriate heritage authorities (including the Waitakere City Council) and landowners regarding relocation options not later than six months prior to the commencement of construction works. If no party has come forward who is willing to provide a suitable site for relocation, then Transit shall, subject to any necessary investigation and recording of heritage significance as required by the appropriate heritage authorities, be entitled to dismantle and/or dispose of the building or buildings at that time. It is noted that Historic Places Trust authorisations may also be required.

ii. 2-4 Sinton Road

- a. Subject to compliance with the mitigation requirements set out in this Condition, Transit is authorised under the designation to demolish the heritage building at 2-4 Sinton Road.

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- b. Demolition shall be undertaken under the supervision and instruction of a suitably qualified archaeological expert. Demolition shall be undertaken in a manner, and at a rate, that allows careful recording and appropriate sampling of materials to provide an archive of the historical evidence that is to be destroyed. The guiding principles that are to be followed in undertaking the demolition are those set out in the ICOMOS document 'Principles for the Recording of Monuments, Groups of Buildings and Sites (1996)'.
- c. In addition to the detailed recording set out in paragraph b. above, Transit shall use all reasonable endeavours to save parts of the building for display in a suitable archival institution. Assuming that suitable institution can be located that is interested in hosting such a display, Transit shall fully fund all steps necessary to prepare the display, including costs of transport, storage, and the preparation of explanatory materials showing the construction techniques and the materials utilised in construction.
- d. In addition to the foregoing, Transit shall fund the preparation of an illustrated booklet outlining the history, architecture and technology of the building (in the context of the history of experimentation with concrete structures and the relationship with the ceramics industry, particularly the Hobsonville ceramics industry). This study will also include information relating to the broader heritage context at the site, including its relationship with other historic houses in nearby Clarks Lane.
- e. In undertaking the mitigation works referred to in paragraphs (b) - (d) above, Transit shall not be required to expend more than a total of \$100,000.
- f. In addition to the mitigative works referred to above, Transit shall make a contribution to the Waitakere City Council of the sum of \$300,000 as offsetting mitigation for the loss of the heritage values associated with 2-4 Sinton Road. That sum is to be utilised by Waitakere City Council on such heritage projects within the broader Waitakere City area, and if possible the Hobsonville area, as the Council deems appropriate.

Hobsonville State Highway 16B and 18C: Mitigation Measures in Regard to Ecological Effects. Prepared by Boffa Miskell Limited March 1999

5.1 Wallace Inlet

It appears that SH18 C will pass close enough (i.e. the toe of the fill batter) to the Wallace Inlet that the native vegetation here will be affected through clearance, and that the existing riparian (buffer) vegetation will be disturbed. Adequate mitigation will involve the revegetation of an appropriate riparian buffer zone at the head of the Wallace Inlet (including road side batter slopes within the estuary area). It will also involve the promotion of natural regeneration of estuary inlet vegetation through weed control, monitoring and enhancing the establishment of mangroves either through using mangrove seed traps (which is as yet an experimental method and simply involves the installation of small stakes at strategic positions with which to encourage the settlement of mangrove seeds washed in by the full tide) or by direct planting of recently germinated seedlings thinned from the adjacent mangrove estuary. This should promote the re-establishment of estuary habitat with the eradication of the existing weed populations within the immediate area (including adjacent areas less affected by the roadway) and the revegetation of cleared or weeded areas. Because the batter toe appears to remove the small salt marsh at the inlet head, changing the topography as it does this vegetation type may not return to occupy its former position, however, with the proposed mitigation the system is highly likely to return to a native, natural, estuary condition.

The species used for revegetation should reflect the transition from estuary inlet to terrestrial and potentially be comprised species such as:

Canopy	Common Name	Spacing	Plant Size	% Composition
<i>Metrosideros excelsa</i>	Pohutakawa	7m	PB5	5
<i>Corynocarpus laevitagus</i>	Karaka	3m	PB5	10
<i>Sophora microphylla</i>	Kowphai	3m	PB5	10
Lower Tier				
<i>Pseudopanax lessonii</i>	Coastal Five Finger	0.5m	PB2	20
<i>Leptospermum scoparium</i>	Manuka	0.5m	PB2	25
<i>Phormium tenax</i>	Flax	1m	PB2	10
<i>Coprosma lucida</i>	Karamu	0.5m	PB2	10

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Cordyline australis	Cabbage Tree	0.5m	PB2	5
Pittosporum crassifolium	Karo	1m	PB2	5

5.2 SH16 B - SH18 C Intersection Wetland

Just north and immediately down stream of the proposed intersection of SH16 B and SH18 C is one of the better native wetland habitats through which the new highways pass (though it is nevertheless modified). A bridge for SH 18 C and a bridge like structure for SH 16 B in these areas may avoid adverse effects, but only if it retained habitat beneath its structure - this would be an expensive option and probably not warranted given the modified nature of the wetland. Suitable mitigation for the loss of some of this area could involve the following:

1. Plant the remainder of the alluvial flood plain north of SH 16 B beyond the earthworks (see Fig. 1, wetland corridor) with appropriate species to form a thin natural habitat corridor;
2. Begin the establishment of a swamp forest / flood plain forest habitat on the alluvial plain immediately adjacent to the designation in between SH 18 C and SH 16 B (Fig.1, swamp forest);
3. Recreate a new wetland of better (without the exotic tree components etc) quality than the existing one between SH 16 B and SH 18 C (Fig. 1, wetland) including an open water area;
4. Replace or create native riparian vegetation on the bank side-slopes and wetland edges and batter slopes (Fig. 1 riparian edges); and
5. Construct fish "friendly" culverts beneath the highways as these will be necessary in order to link the wetland with the wider freshwater ecosystem. For SH 16 B this may mean long lengths of culvert which are likely to need to have passage devices (such as baffles) to ensure no lamina flows (culverts over 20m and/or those that change the flow dynamics).

For establishment of a wetland this may involve some or all of the following:

- Creation of a shallow pond or ponds (minor earth works with associated sediment discharge precautions);
- A weir or weirs with suitable fish passage devices connecting the ponds and lower reaches and ensuring at least minimal water retention within the ponds;
- Planting of appropriate wetland vegetation.

This area could potentially also be used for stormwater treatment utilising the wetland vegetation to remove suspended solids and absorb and trap pollutants.

Wetland vegetation should be with species such as:

Inundated Area	Common Name	Spacing	Plant Size	% Composition
Phormium tenax	Flax	1m	PB5	50
Typa orientalis	Raupo	In clusters		Clusters in water
Carex secta	Carex	1m	PB2	20
Juncus articulartris	Jointed Rush	In clusters	PB2	20
Cordyline australis	Cabbage Tree	0.5m	PB2	10
Drier Areas				
Cordyline australis	Cabbage Tree	0.5m	PB2	20
Leptospermum scoparium	Manuka	0.5m	PB2	40
Cordaderia splendens	Toe-toe	1m	PB2	10
Coprosma lucida	Karamu	0.5m	PB2	10
Phormium tenax	Flax	1m	PB2	10

For establishment of the swamp forest / flood plain forest habitat vegetation should be with species suchas:

Canopy (later planting)	Common Name	Spacing	Plant Size	% Composition
Darcycarpus dacrydioides	Kahikatea	3m	PB8	30

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Podocarpus totara (drier areas)	Totara	5m	PB8	5
Agathus australis (drier areas)	Kauri	5m	PB8	5
Sophora microphylla (edges)	Kowphai	5m	PB8	5
Lower Tier (initial nursery planting)				
Cordyline australis	Cabbage Tree	0.5m	PB2	10
Leptospermum scoparium	Manuka	0.5m	PB2	30
Cordaderia splendens	Toe-toe	1m	PB2	5
Coprosma lucida	Karamu	0.5m	PB2	10

For terrestrial riparian vegetation (which maintains the terrestrial corridor connections beyond the wetland / swamp forest) (Fig. 1, riparian vegetation) the following species should be planted:

Canopy	Common Name	Spacing	Plant Size	% Composition
Sophora microphylla (edges)	Kowphai	5m	PB5	5
Cordyline australis	Cabbage Tree	0.5m	PB2	10
Phormium tenax	Flax	1m	PB2	10
Leptospermum scoparium	Manuka	0.5m	PB2	65
Coprosma lucida	Karamu	0.5m	PB2	10

For the corridor connection beyond the wetland / swamp forest area towards the lower existing flax swamp (Fig. 1, wetland corridor) the following species should be planted adjacent to the existing water channel to form a thin linear vegetation corridor:

Canopy	Common Name	Spacing	Plant Size	% Composition
Cordyline australis	Cabbage Tree	0.5m	PB2	20
Phormium tenax	Flax	1m	PB2	60
Carex secta	Carex	1m	PB2	10
Coprosma lucida	Karamu	0.5m	PB2	10

iv. Should the existing wetland located next to the intersection of SH16 and SH18 be used for the purposes of providing stormwater treatment, then it shall also continue to provide for wildlife habitats. This shall be achieved by ensuring that all stormwater is pre-treated prior to entering this wetland and all structures associated with pre-treatment are located, as far as practicable, adjacent to (rather than within) the wetland itself. In addition to this wetland being enhanced in accordance with condition 5.iii. above, all potential adverse effects on the existing water regime within this wetland, its stream and its adjacent flood plain shall be avoided if practicable or, if unavoidable, shall be minimised.

v. Where there is continuous water flow, Transit shall design and position culverts (with the assistance of a suitably qualified freshwater biologist) to facilitate the passage of fish species which are resident upstream at the following locations: Waiarohia Stream (chainages 2950 and 3950), Trig Stream (chainage 3050), Rawiri Stream (chainage 3300), Totara Creek (chainage 1500), Lower Totara Creek (chainage 2800), Upper Totara Creek (chainages 110-1350 and 1550) and Pikau Stream.

vi. Any realigning of existing perennial waterways shall be avoided or, if unavoidable, shall be minimised. Where streams are realigned, the design of any new channel shall be carried out with the advice of a fresh water biologist, and shall include the creation of appropriate habitat opportunities for aquatic fauna and the retention and establishment of riparian vegetation.

6. Ecological Impact Mitigation

i. Prior to the commencement of any works, an Ecological Mitigation Plan shall be prepared by a suitably qualified ecologist in consultation with the Waitakere City Council. This Plan shall address the

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matters raised in Conditions 6.ii. to 6.vii. below.

ii. That a revegetation programme be carried out for those parts of the Totara Stream within or adjoining the proposed SH16B designation footprint. This programme shall focus on revegetation with native species, eco-sourced and densely planted.

iii. The Wallace Inlet and wetland areas are to be rehabilitated in accordance with the Boffa Miskell Ecological Mitigation report Sections 5.1 and 5.2 (as below):

7. Visual Impact Mitigation

i. That Transit New Zealand engage a landscape architect to investigate and make recommendations with regard to the following conditions.

a. That all borrow and disposal areas for excess fill be designed and constructed to avoid significant impact, be in keeping with the general form of the surrounding landscape, and that all such areas be restored, in consultation with relevant land owners, upon completion of project construction.

b. That restoration measures include grassing and other planting for slope stability, together with landscape planting, using locally sourced native species where available.

c. That wherever possible embankment and slopes associated with the alignments be planted as soon as practicable, using locally sourced native species where available.

d. That in carrying out the detailed design for the alignment, Transit New Zealand shall take advice from a practising landscape architect and shall pay particular attention to:

i The attached plans entitled:

- Concept Landscape and Visual Mitigation (Plans 1 to 5) dated 2 March 1999;
- Landscape Mitigation for 70 & 72 Trig Road (Figure 1) dated 20 June 2001; and
- Kedgley Drive Replacement Planting Concept Plan (Figure 2) dated 12 February 2000.

ii. The angle and extent of cut and batter slopes;

iii. Oblique cuts through highly visible ridge lines:

- In order to achieve, as far as practicable, unity between the road and the surrounding landscape units; and
- Shall prepare, with advice from a practising landscape architect, and in due course implement, a planting plan that will integrate the alignments into the various landscape units through which it passes.

iv. Mitigation by appropriate replacement vegetation of any existing vegetation that must be removed within the designation.

e. That a landscape plan be finalised during the detailed design stage by an experienced landscape architect appointed by Transit New Zealand.

ii. That Transit New Zealand implement, to the greatest extent practicable, the recommendations of the landscape architect in relation to conditions 7.i.a to e. above.

8. Transpower New Zealand

a. All mobile plant operated in relation to the road alignment shall maintain a 6.5 metre clearance from Transpower New Zealand lines at all times and no temporary buildings or stationary plant shall be located within 8 metres of any line.

b. Any landscaping planting shall be selected and located to ensure that no part of any tree will be within or grow into an area closer than 4 metres vertical clearance within the 15 metre horizontal clearance from Transpower New Zealand lines.

c. All earthworks around the transmission lines of Transpower New Zealand shall maintain a ground level that provides a minimum 6.5 metre vertical clearance at all times.

d. Subject to the further condition 8.viii. below, no excavation works shall be undertaken within 12 metres of tower foundations, unless otherwise agreed to by Transpower New Zealand.

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e. Activities relating to the road alignment shall ensure that 4 wheel drive access to the existing support structures of Transpower New Zealand is possible at all times, provided that no access from the motorway lanes shall be permitted without the prior permission of Transit New Zealand.

f. Transit New Zealand shall inform Transpower New Zealand before any work is carried out within 30 metres of the existing transmission lines.

g. No excavation works shall be undertaken or structure built within 12 metres of the foundation of the pylon marked on the attached plan ("Transpower Plan") unless all necessary engineering calculations for the construction of the retaining wall have been submitted and approved by Transpower New Zealand.

9. Kedgley Road

a. Transit shall use its best endeavours to designate as "local access ancillary to State Highway purposes" the parts of Lots 1, 2, 3 and 4 DP 11750, Lots 3 and 4 DP 96884, and Lot 2 DP 127335 shown as "proposed road designation: on the plan entitled "Kedgley Drive - Proposed Designation" attached as Figure 3; and

b. In the event that the land referred to in Condition 1 above is designated and either acquired or rights of access secured by landowner agreement by 30 June 2003, then Transit will:

i. Build a replacement of the existing Kedgley Drive ("the new Kedgley Drive") in the location shown in Plan entitled "Kedgley Drive Replacement - Initial Development attached as Figure 4. The new Kedgley Drive will be constructed to Waitakere City Council standards with a 6m carriageway width with a design profile allowing for future widening to full road width and will be completed and operational before the existing Kedgley Drive is closed off.

ii. Undertake all legal steps necessary to establish a right of way over the new Kedgley Drive to the owners of land to be served by it. The right of way shall be established on terms which give those owners:

- Common and exclusive rights of occupation of the new private way; and
- Sole obligation for its maintenance and upkeep - subject to the Council choosing at some time in the future to acquire the relevant land and take over responsibility for the new Kedgley Drive as a public road;

iii. Form one vehicle crossing on to the new Kedgley Drive for each block of land served by it. Such vehicle crossings shall be constructed to the standards set out in the attached extract from Waitakere City Council's Engineering Standards Manual Issue 3.1, entitled "Heavy Commercial Vehicle Crossing - SD.3.11", November 1999 (Figure 5). The vehicle crossings shall be established in the location specified by each landowner (as far as that location is consistent with the Waitakere City Council standards);

iv. Form an additional residential standard crossing place onto Lot 3 DP 117530 at the location specified by the owner of that property; and

v. Form a "cul-de-sac" termination to the end of the new Kedgley Drive to Waitakere City Council standards in the general location shown on Plan SK8004/15 [Figure 4].

c. In the event that the land referred to in Condition 1 above is not designated by 30 June 2003 or the land cannot either be acquired or rights of access secured to it by that date, then Transit will:

i. Build a replacement of the existing Kedgley Drive ("the new private way") in the general location shown on Plan entitled "SH16/18 - Original Kedgley Drive" attached as Figure 6. The new private way will be constructed to the same specifications as the existing Kedgley Drive and will be completed and operational before the existing Kedgley Drive is closed off.

ii. Form a "cul-de-sac" termination to the end of the new private way to Waitakere City Council standards in the general location shown on Figure 6.

iii. Form one vehicle crossing on to the new private way for each of block of land served by it. Such vehicle crossings shall be constructed to the standards set out in the attached extract from Waitakere City Council's Engineering Standards Manual Issue 3.1, entitled "Heavy Commercial Vehicle Crossing - SD3.11", November 1999. The vehicle crossings shall be established in the location specified by each landowner (as far as that location is consistent with the Waitakere City Council standards); and

iv. Upon completion of the SH16/18 project:

- Undertake all legal steps necessary to establish a right of way over the new private way to the owners of

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land which will be served by it on terms which give those owners:

- Common and exclusive rights of occupation of the new private way; and
- Sole obligation for its maintenance and upkeep; and
- Vest the new private way with the landowners served by the new private way in the same proportions as those owners presently own the existing Kedgley Drive.

10. Duration of the Designation

In accordance with Section 184(1)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of fifteen years after the date on which it is included in the District Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

Advise Notes

1. Transit New Zealand is to take part as appropriate in investigations with the Waitakere City Council covering the following matters:

- a. Possible provision of linkages between SH18B and SH18C (including east-facing ramp arrangements for Trig Road);
- b. Possible provision of linkages between SH16B/SH18C, and Red Hills and Westgate; and
- c. Possible provision of an interchange at SH18C/Buckley Avenue/Monterey Park.

It is expected that these investigations shall be conducted in the 2001/2002 financial year.

2. It is expected that Transit New Zealand will, as undertaken at the hearing, proceed immediately to initiate the formal procedures necessary to designate the land required for the Buckley Avenue interchange and altered SH18C alignment in that area.

3. It is noted that Transit New Zealand will meet the relevant minimum site size standards applying in the Proposed District Plan when arranging for the disposal of surplus land.

4. That, should an agreement be reached between land owners obtaining access from Kedgley Drive and the Waitakere City Council with regard to the position of Kedgley Drive which would best serve the future roading pattern for the area, then Transit shall give consideration to providing a financial contribution to the establishment of that road to the same level as it would otherwise contributed towards (and in lieu of) works to replace Kedgley Drive.

5. Waitakere City Council requests that Transit New Zealand take all necessary steps to resolve issues of land purchase as soon as reasonably practicable.

Attachments

No attachments.

6742 State Highway 16 - Henderson to Massey

Designation Number	6742
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 from Henderson Creek, Henderson to Huruheru Road Bridge, Massey
Rollover Designation	Yes

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Legacy Reference	Designation NZTA5, Auckland Council District Plan (Waitakere Section)2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Refer NOR-2010-1559.

Conditions

Description of Works

1. Except as modified by the conditions below, the works which give effect to this alteration to the designation for State Highway 16 from the eastern abutments of Henderson Creek (at approximately chainage 8080) as shown on the Schedule of Plans and Drawings shall be undertaken in general accordance with the Notice of Requirement for an alteration to designation and the Assessment of Environment Effects titled "SH16 Western Ring Route Henderson Creek to Huruwharu Road Bridge" dated October 2010, referenced by the Auckland Council as "NOR-2010-1559" and subject to the conditions which follows.

Construction Environment Management Plan ("CEMP")

2. Prior to commencement of construction activity within the designation boundaries, the Requiring Authority shall submit a CEMP to the Auckland Council in respect of that stage of works. The CEMP shall include specific details relating to the demolition, construction and management of all works associated with the project, including:

- Details of the site or project manager, including their contact details (phone, email, postal address, The location of large noticeboards that clearly identify the name and telephone number of the project manager
- Any means, such as a restriction on the size of construction vehicles and machinery, required to ensure that no damage occurs to street trees throughout the construction period
- Any means of protection of services such as pipes and water mains (including infrastructure operated by Watercare Services Limited) within the road reserve
- Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building/construction materials and similar construction activities
- Measures to be adopted to ensure that pedestrian and cycle access past the works is provided where practicable and that such access is safe
- Location of workers conveniences (e.g. portaloos)
- Ingress and egress to and from the works for vehicles during the construction period
- Proposed maximum numbers and timing of truck movements throughout each day and the proposed routes to be used
- Procedures for controlling sediment runoff, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days
- Location of vehicle and construction machinery access and storage areas/facilities during the construction period
- Hours of operation and days of the week for construction activities
- Means of ensuring the safety of the general public
- Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works
- Provision for the saltmarsh protection methods referred to in condition 19 of resource consent 35599
- The appendix required by condition 4, the CTMP required by condition 6, the measures to protect Vodafone infrastructure required by condition 5 and the various management plans required by conditions 10 to 14.

3. The approved CEMP shall be implemented and maintained throughout the relevant stage of works. Any

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amendments are to receive the prior approval of the Council and are then to be incorporated into a single document.

Electrical Infrastructure

4. The CEMP shall include, as an appendix, an Electrical Infrastructure Site Development and Construction Management Plan ("EISDCMP"). The EISDCMP is to include:

i. Methods and measures to:

- a. Ensure that the existing high voltage infrastructure can be accessed for maintenance at all reasonable times, or emergency works at all times, during and after construction activities;
- b. Appropriately manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear, to the overhead transmission lines;
- c. Ensure that no activity is undertaken during construction that would result in ground vibrations or ground instability likely to cause material damage to the transmission lines, including the support structures;
- d. Section 5 with respect to minimum safe differences for the operation of mobile plant; and,

ii. Sufficient detail to confirm that new planting and maintenance of vegetation will comply with the New Zealand Electricity (Hazard from Trees) Regulations 2003, including but not limited to, the provisions of the Schedule (Growth Limit Zones) to those Regulations.

iii. Sufficient detail to confirm that the works will comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZCEP 34:2001), including but not limited to the provisions of:

- a. Clause 2.2 with respect to excavations near overhead support structures;
- b. Clause 2.4 with respect to buildings near overhead support structures;
- c. Section 3 with respect to minimum Section 5 with respect to minimum safe differences for the operation of mobile plant; and,
- d. separation between buildings and conductors;
- e. Table 4 with respect to minimum safe separation distances between the ground and overhead conductors.

Note:

With respect to clause c), specific consideration must be given to the height and location of temporary structures (such as project offices and other construction site facilities) and permanent structures (such as lighting poles, signage, gantries and acoustic barriers).

Vodafone Infrastructure

5. The CEMP prepared for the purpose of condition 2 shall include methods and measures:

- i. To ensure that the existing Vodafone infrastructure in the vicinity of the designation area can be accessed for maintenance at all reasonable times, or emergency works at all times, during construction activities;
- ii. To manage appropriately the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear, to the tower and the equipment shelter and the equipment within it;
- iii. To ensure that no activity is undertaken during construction that would result in ground vibration and/or ground instability likely to cause material damage to the tower, including support structures and the equipment shelter together with the associated electrical equipment in the shelter. This clause also covers cables associated with the Vodafone infrastructure, including any running from the Vodafone site to the Concourse;
- iv. To ensure that no plant or equipment of 18m or higher is used in the immediate vicinity of the cell tower;
- v. If plant or equipment used for the project works is likely to intrude into the path from the existing microwave dish on the Vodafone mast (located at 18 metres above ground level with an azimuth of 301 degrees True), NZTA shall endeavour to provide advance warning prior to these works being undertaken;
- vi. NZTA, together with its invitees, employees and or contractors, acknowledge that the operation of the telecommunications facility relies on the transmission and reception of radiofrequency emissions 38Ghz licensed band Tx 37667.0 Hz 7 Rx 38927.0 Hz, GSM900: UL: 899.8 – 915 MHz_DL:945- 960MHz GSM1800: UL 1710-1725 MHzDL:1805 – 1820 MHz, UMTS2100: UL:1920-1935 MHz_DL:2110-2125 MHz and will use its best endeavours not to permit any act that causes interference with the telecommunications facility (as defined in section 2 of the Radio Communications Act 1989).

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Construction Traffic

6. Any CEMP prepared in terms of condition 2 shall include a Construction Traffic Management Plan ("CTMP") for the project which shall be prepared by a suitably qualified person.

7. In developing the CTMP the Requiring Authority shall:

- i. Use best practice to understand the effects of construction of the project or project stage on the affected road network better which may include the use of appropriate traffic modelling tools. Any such assessment should be undertaken in consultation with the Auckland Council, and have the ability to simulate lane restrictions and road closures; and
- ii. As far as practicable, undertake measures to avoid road closures and also the restriction of vehicle, cycle and pedestrian movements.

8. The CTMP shall describe the measures that will be undertaken to address the following, as far as practicable:

Methods of avoiding, remedying or mitigating the local and network wide effects of construction of the project. In particular, the CTMP shall describe:

- i. Traffic management measures to address and maintain, where practicable, traffic capacity at traffic peak hours during weekdays and weekends at the Lincoln Interchange and Lincoln Road;
- ii. Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- iii. Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (eg. intersections/overbridges) and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- iv. Methods to manage the effects of the delivery of construction material, plant and machinery (including oversized trucks);
- v. The numbers, frequencies, routes and timing of construction traffic movements.

9. Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of the designation at all times and not on surrounding streets.

Air Quality

10. The Requiring Authority shall ensure that the CEMP developed for the project includes a dust monitoring programme to control dust generated during the construction and earthworks phases of the project, in order to minimise dust deposition and nuisance beyond the designation boundaries.

Monitoring activities shall include:

- i. Monitoring of total suspended particulate using e-BAMs or equivalent adjacent to particularly sensitive receiving environments such as dwellings and ecological habitat areas;
- ii. Daily inspection of all unsealed surfaces (including earthworks sites) for dampness and to ensure that surface exposure is minimised;
- iii. Daily inspection of all sealed surfaces to ensure that they are clean and all spillages have been cleared;
- iv. Daily inspection of stockpiles to ensure enclosure, covering, stabilisation or a damp condition;
- v. Monitoring of dust generating activities and water application rate in winds over 5.5m/s at ground level;
- vi. Weekly inspection of watering systems to ensure equipment is maintained and functioning to effectively dampen all exposed areas;
- vii. Weekly inspection of wheel wash equipment to ensure effective operation;
- viii. Weekly checking that all site windbreak fences are intact.

Construction Noise and Vibration Management Plan ("CNVMP")

11. Any CEMP prepared in terms of condition 2 shall include a CNVMP for the project or relevant project stage, which shall be prepared by an appropriately qualified person.

12. The CNVMP shall include specific details relating to the control of noise and vibration associated with

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demolition, construction and management of all works associated with the project.

13. The CNVMP be formulated to detail as far as practicable the manner in which construction noise will be managed to achieve compliance with the relevant construction noise limits. In summary this would address the following matters:

- i. the construction noise limits which apply to particular areas
- ii. construction techniques
- iii. machinery and equipment to be utilised
- iv. days and times when noisy construction work would occur
- v. the use of noise barriers
- vi. the design of noise mitigation measures
- vii. alternative mitigation measures
- viii. monitoring and reporting of noise levels at critical locations and methods for managing complaints.

14. As far as practicable the CNVMP shall be formulated to be in accordance with the vibration standards of German Standard DIN 4150 and shall address the following aspects:

- i. vibration limits
- ii. vibration monitoring measures
- iii. possible mitigation measures
- iv. complaint response
- v. reporting procedures.

15. The approved CNVMP shall be implemented and maintained throughout the entire demolition and construction periods. Any amendments must receive the prior approval of the Council and are then to be incorporated into a single document.

Landscape and Visual

16. The landscape planting shall be implemented in accordance with the Landscape Plan (Plan PD11901 to PD11903) and the Visual Assessment and Ecological Assessment (lodged with the Notice of Requirement) within the first planting season following the completion of the construction works provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained for the next 3 years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping may be implemented after the first planting season of each stage.

17. Where practicable, any planting utilising native species shall use plants genetically sourced from the ecological district.

18. Planting areas shall be mulched using suitable weed-free, granular organic mulch. The only exceptions to this shall be where the slopes are too steep to allow for its retention. In such cases a neutral or black coloured biodegradable or photodegradable geotextile is to be used.

Iwi Matters, Archaeology and Heritage

19. In the event of an accidental discovery of any unrecorded archaeological sites, including human remains, the following steps shall be taken:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease.
- ii. The site construction supervisor will notify the NZTA archaeological consultant who in turn will contact the project manager at NZTA. In the event of the project manager being unavailable the matter will be reported by the consultant to the Regional Manager of the NZTA.
- iii. NZTA will ensure that the matter is reported to the Regional Archaeologist at the NZHPT, the tangata whenua and to any required statutory agencies if that has not already occurred.
- iv. In the event that the accidental discovery material is confirmed as being archaeological, under the terms of

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the Historic Places Act, the NZTA shall ensure that the archaeologist carries out an archaeological assessment, and if appropriate, an archaeological authority is obtained from the NZHPT before work resumes.

v. NZTA will ensure that representatives of the consultant and the contractor, as appropriate, shall be available to meet and guide representatives of the NZHPT and tangata whenua, and any other party with statutory responsibilities, to the discovery site.

vi. Works in the site area shall not recommence until authorised by NZTA after consultation with the NZHPT, tangata whenua, the NZ Police (and any other authority with statutory responsibility) to ensure that all statutory and cultural requirements have been met.

vii. Work may recommence in the shortest possible timeframe provided that any archaeological sites discovered are protected until as much information as practicable (in the opinion of the archaeological consultant) is gained and a decision regarding their appropriate management is made, including obtaining an archaeological authority if necessary. (Note: Appropriate management could include recording or removal of archaeological material.)

Replacement of Kauri Trees

20. The Requiring Authority shall replace the two kauri trees identified on Plan SKC700 with two trees (Size PB 100, species - *Agathis australis* (Kauri), or *Dacrycarpus dacrydioides* (Kahikatea), or *Weinmania silvicola* (Towai)) in a new location, known as "Sherwood Park", 460 metres due south from the current Kauri location, the exact position of each new tree to be as approved by the Auckland Council. The trees are to be eco-sourced from the Tamaki Ecological District and if possible planted by members of the local community.

Provisions for QTN infrastructure

21. The Requiring Authority shall not remove or reduce in capacity the bus shoulder lanes on the on-ramps, or on the mainline motorway at Lincoln Road, without first consulting with Auckland Transport.

Integration with the local road network

22. In collaboration with Auckland Transport, within 60 days of the alteration of NZTA1 becoming operative the Requiring Authority shall prepare a Network Integration Plan ("NIP") to demonstrate how the project integrates with the existing local road network and with future improvements planned by Auckland Transport. The NIP shall include details of proposed physical works at the interface between the State Highway and the local road network, and shall address such matters as pedestrian / cycleways, lane configuration, traffic signal coordination, signage and provision for buses. In addition the NIP is to consider and to identify:

- i. opportunities to progress bus priority measures on Lincoln Road;
- ii. opportunities to provide an off-road cycle way, or on-road cycle lanes on both sides of Lincoln Road;
- iii. integration of the works proposed on Lincoln Road to transition appropriately between the SH16 Western Ring Route Henderson Creek to Huruwharu Road Bridge Project and any projects proposed by Auckland Transport at the time the NIP is prepared;
- iv. integration of works proposed on the Huruwharu Road bridge with the local road network;
- v. opportunities to review traffic signal timings at the Lincoln Road Interchange with a view to minimising delays to all users, including cyclists on the SH16 cycleway;
- vi. opportunities to progress bus priority measures on the on- and off-ramps at the Lincoln Road Interchange and on the Selwood Road Bridge.

Operational Noise

23. The operational noise emissions from State Highway 16 shall be managed in accordance with the recommendations of the Noise and Vibration Technical Report submitted with the Notice of Requirement being Volume 3 of "Western Ring Route – SH16 Henderson Creek to Huruwharu Road Bridge". This management shall include the provision of noise mitigation for protected premises and facilities where necessary to comply with NZS6806:2010. Design details of operational noise mitigation barriers are to be designed in accordance with Plan PD11361 (Revision B), Plan PD11362 (Revision B), Plan PD11363 (Revision B), Plan PD11364 (Revision B), Plan PD11365 (Revision B), Plan PD11366 (Revision B), Plan PD11367 (Revision A) and Plan PD11372 (Revision B).

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Vehicle Crossing

24. Vehicle access through the existing vehicle crossings to properties off Selwood Road and The Concourse shall be retained.

Vibration

25. If construction work requiring any one of the following activities: piling, blasting, vibratory roller and/or rock breaking, is to take place within 30 metres of a residential dwelling, the following shall be undertaken:

a. At least one month prior to the commencement of construction activities, the Requiring Authority shall (with the permission of the landowner) commission an independent consultant with expertise in the building effects arising from vibration effects to undertake a preconstruction condition survey of all dwellings that are within 30 metres or less from the edges of the construction zone. The condition survey shall identify and measure all exterior cracks and other features that may be subject to movement and shall record these for the information of the landowner, the Council and the Requiring Authority. A copy of the preconstruction survey shall be provided to the relevant landowner, the Council and the Requiring Authority prior to the commencement of construction works.

b. No less than 3 months and no more than 6 months after the completion of the construction works within the vicinity of the residential properties in respect of which the condition survey was undertaken, the Requiring Authority shall commission an independent consultant with expertise in the building effects arising from vibration effects to undertake a post construction condition survey of all dwellings surveyed as a requirement of condition 25.a. The survey shall measure and record the exterior cracks and other features surveyed previously and shall make recommendations as to what works and/or remediation, if any, are required to return the building(s) to their pre construction condition. A copy of the post-construction survey report shall be provided to the landowner, the Council and the Requiring Authority within 1 month of the completion of the report.

c. Within one month of the receipt of the post-construction survey report, the Requiring Authority shall inform the Council in writing as to the actions it will undertake to respond to each of the report's recommendations. Any actions required to be carried out as a result of the post construction report shall be completed within 4 months of the receipt of the post-construction report, provided that the relevant landowner agrees to the undertaking of the work and enables the Requiring Authority to access the property for the purposes of undertaking that work. If agreement or access is not forthcoming within one month of the request being made, the Requiring Authority shall be deemed to have complied with this condition.

Lighting

26. All lighting will be designed to comply with AS/NZS 1158.1.1:2005.

27. Maximum light spill at the boundary of the designation will be 10 lux.

Advice Notes

1. Network infrastructure owned and operated by Watercare Services is located within the designation boundaries. Agreements are being developed by the NZTA and Watercare Services which will include appropriate relocation, notification and access protocols for the construction duration and for notification and access protocols and the replacement of existing and installation of new infrastructure in the operations phase.

Attachments

No attachments.

6743 State Highway 16 - Massey to Westgate

Designation Number	6743
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 from west of Huruhuru Road bridge, Massey to Westgate interchange, Westgate
Rollover Designation	Yes

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Legacy Reference	Designation NZTA6, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Fifteen years from being included in the Auckland Council District Plan (Waitakere Section) 2003 unless given effect to prior

Purpose

Refer NOR-2010-1136.

Conditions

Description of Works

1. Except as modified by the conditions below, the works which give effect to this alteration to designation for State Highway 16 from west of Huruheru Road Bridge (at approximately chainage 8450) to Westgate (at approximately chainage 9725) as shown on the General Arrangement Plans C-GA-001 to C-GA-003 in Volume 4 (the Project) shall be undertaken in general accordance with the Notice of Requirement for an Alteration to Designation and Assessment of Environmental Effects titled "SH16 Western ring route Huruheru Road Bridge to Westgate" dated 2 September 2010, referenced by Auckland Council as NOR 2010 - 1136 and subject to the conditions which follow.

For the purposes of this condition, the works comprise the following (more specifically described in the NOR and AEE) –

- i. Between Chainage 8300 and Chainage 8450, the provision of one additional lane in each direction, a bus shoulder in each direction and a pedestrian/cycleway adjacent to the westbound shoulder.
- ii. Between Chainage 8300 and Chainage 9300, the realignment of the centre-line 2.7m north to align with the Henderson Creek to Huruheru Road Bridge Project.
- iii. Between Chainage 8450 and Chainage 9725 at Royal Road Interchange, the provision of one additional lane in each direction, a bus shoulder in each direction, a water quality wetland, a pedestrian/cycleway adjacent to the westbound shoulder and allowing for a centre-line shift.
- iv. At Chainage 9150 improvements and lengthening of the Royal Road Westbound Off-ramp.
- v. Between Chainage 9725 and 10100, the provision of one additional lane in each direction, a bus shoulder in each direction and a pedestrian/cycleway adjacent to the westbound shoulder.
- vi. Between Chainage 8300 and Chainage 10100, the treatment of stormwater.
- vii. Between Chainage 10100 and 10800, the provision of a pedestrian/cycle way.

Construction Environmental Management Plan

2. Prior to commencement of construction activity within the designation boundaries, the Requiring Authority shall submit a Construction Environmental Management Plan ("CEMP") to the Major Infrastructure Team Manager, Auckland Council, in respect of the project or relevant project stage. The CEMP shall include specific details relating to the demolition, construction and management of all works associated with this development or relevant stage of the development, including:

- i. Details of the site or project manager, including their contact details (phone, facsimile/email, postal address);
- ii. The location of large noticeboards that clearly identify the name and telephone number of the project manager;
- iii. An outline construction programme of the works;
- iv. Any means, such as a restriction on the size of construction vehicles and machinery, required to ensure that no damage occurs to street trees throughout the construction period;
- v. Any means of protection of services such as pipes and water mains (including infrastructure operated by Watercare Services Limited) within the designation boundaries. The CEMP is to be provided to Watercare Services Limited for review and comment prior to the commencement of construction activity;
- vi. Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish,

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storage and unloading of building materials and similar construction activities;

vii. Measures to be adopted to ensure that pedestrian access past the works is provided where practicable and that such access is safe;

viii. Location of workers' conveniences (e.g. portaloos);

ix. Ingress and egress to and from the works for vehicles during the construction period;

x. Proposed maximum numbers and timing of truck movements throughout each day and the proposed routes;

xi. Procedures for controlling sediment runoff, dust and the removal of soil, debris and demolition and construction materials from public roads or places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;

xii. Location of vehicle and construction machinery access during the construction period;

xiii. Hours of operation and days of the week for construction activities;

xiv. Means of ensuring the safety of the general public;

xv. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works;

xvi. A Construction Noise and Vibration Management Plan ("CNVMP") as required by condition 11;

xvii. A Construction Traffic Management Plan ("CTMP") as required by condition 6;

xviii. A dust monitoring programme as required by condition 10.

3. The approved CEMP required by condition 2 shall be implemented and maintained throughout the relevant stage of works.

Electrical Infrastructure

4. The CEMP shall include, as an appendix, an Electrical Infrastructure Site Development and Construction Management Plan ("EISDCMP"). The EISDCMP is to include:

i. Methods and measures to:

a. Ensure that the existing high voltage infrastructure can be accessed for maintenance at all reasonable times, or emergency works at all times, during and after construction activities;

b. Appropriately manage the effects of dust and any other material potentially resulting from construction activities and able to cause material damage, beyond normal wear and tear, to the overhead transmission lines;

c. Ensure that no activity is undertaken during construction that would result in ground vibrations or ground instability likely to cause material damage to the transmission lines, including support structures; and

d. Ensure that changes to drainage patterns and runoff characteristics do not result in adverse effects from stormwater on the foundations of any high voltage transmission line support structure;

i. Sufficient detail to confirm that new planting and maintenance of vegetation will comply with the New Zealand Electricity (Hazard from Trees) Regulations 2003, including but not limited to, the provisions of the Schedule (Growth Limit Zones) to those Regulations;

ii. Sufficient detail to confirm that the works will comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZCEP 34:2001), including but not limited to the provisions of:

a. Clause 2.2 with respect to excavations near overhead support structures;

b. Clause 2.4 with respect to buildings near overhead support structures;

c. Section 3 with respect to minimum separation between buildings and conductors;

d. Section 5 with respect to minimum safe differences for the operation of mobile plant; and

e. Table 4 with respect to minimum safe separation distances between the ground and overhead conductors.

Note: with respect to clause c), specific consideration must be given to the height and location of temporary structures (such as project offices and other construction site facilities) and permanent structures (such as lighting poles, signage, gantries and acoustic barriers). Watercare Infrastructure

5. Unless otherwise specified in an agreement between NZTA and Watercare, the CEMP shall include methods and measures to ensure that:

i. the existing Watercare Services Limited infrastructure can be accessed for maintenance at all reasonable times or emergency works at all times, during and after construction activities; and

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ii. written notice is provided to Watercare Services Limited of any works within 10 metres of Watercare Services Limited infrastructure prior to commencement of works.

Construction Infrastructure

6. The CEMP shall include a Construction Traffic Management Plan ("CTMP") for the project or relevant project stage which shall be prepared by an appropriately qualified person.

7. In developing the CTMP the Requiring Authority shall:

- i. use best practice to understand the effects of construction of the project or project stage on the affected road network better which may include the use of appropriate traffic modelling tools. Any such assessment should be undertaken in consultation with the Auckland Council, and have the ability to simulate lane restrictions and road closures; and
- ii. as far as practicable, undertake measures to avoid road closures and also the restriction of vehicle, cycle and pedestrian movements.

8. The CTMP shall describe the measures that will be undertaken to address the following, as far as practicable:

Methods of avoiding, remedying or mitigating the local and network wide effects of construction of the project or relevant project stage. In particular, the CTMP shall describe:

- i. Traffic management measures to address and maintain, where practicable, traffic capacity at traffic peak hours during weekdays and weekends at Royal Road Interchange, Royal Road and Makora Road;
- ii. Any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- iii. Methods to avoid, remedy or mitigate the local and network wide effects of the construction of individual elements of the project (e.g. intersections / overbridges) and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- iv. Methods to manage the effects of the delivery of construction material, plant and machinery (including oversized trucks);
- v. The numbers, frequencies, routes and timing of construction traffic movements.

9. Any commercial earthmoving equipment or similar shall be stored or parked within the boundaries of the designation at all times and not on surrounding streets.

Air Quality

10. The Requiring Authority shall ensure that the CEMP developed for the project or relevant project stage includes a dust monitoring programme to control dust generated during the construction and earthworks phases of the project, in order to minimise dust deposition and nuisance beyond the designation boundaries. Monitoring activities shall include:

- i. Monitoring of total suspended particulate using e-BAMs or equivalent adjacent to particularly sensitive receiving environments such as dwellings and ecological habitat areas;
- ii. Daily inspection of all unsealed surfaces (including earthworks sites) for dampness and to ensure that surface exposure is minimised;
- iii. Daily inspection of all sealed surfaces to ensure that they are clean and all spillages have been cleared;
- iv. Daily inspection of stockpiles to ensure enclosure, covering, stabilisation or a damp condition;
- v. Monitoring of dust generating activities and water application rate in winds over 5.5m/s at ground level;
- vi. Weekly inspection of watering systems to ensure equipment is maintained and functioning to effectively dampen all exposed areas;
- vii. Weekly inspection of wheel wash equipment to ensure effective operation;
- viii. Weekly checking that all site windbreak fences are intact;
- ix. Mitigation measures that will be implemented to remediate any neighbouring buildings / sites from dust build up as a result of construction e.g. house washing.

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Construction Noise and Vibration Management Plan (“CNVMP”)

11. The CEMP shall include a CNVMP for the project or relevant project stage, which shall be prepared by a professionally qualified person.

12. The CNVMP shall include specific details relating to the control of noise and vibration associated with demolition, construction and management of all works associated with the project or relevant project stage.

13. The CNVMP be formulated to detail as far as practicable the manner in which construction noise will be managed to achieve compliance with the relevant construction noise limits. In summary this would address the following matters:

- i. the construction noise limits which apply to particular areas
- ii. construction techniques
- iii. machinery and equipment to be utilised
- iv. days and times when noisy construction work would occur
- v. the use of noise barriers
- vi. the design of noise mitigation measures
- vii. alternative mitigation measures
- viii. monitoring and reporting of noise levels at critical locations and methods for managing complaints
- ix. areas where construction involving piling, vibrator rollers, or any other activity likely to generate high levels of vibration and buildings within 40m of those areas for the purpose of condition 16.a.

14. The CNVMP shall be formulated to be in accordance with the vibration standards of German Standard DIN 4150 and address the following aspects:

- i. vibration limits
- ii. vibration monitoring measures
- iii. possible mitigation measures
- iv. complaint response
- v. reporting procedures.

15. The approved CNVMP for the project or relevant project stage shall be implemented and maintained throughout the entire demolition and construction periods for the project or relevant project stage. Any amendments must receive the prior approval of the Major Infrastructure Team Manager, Auckland Council, and are then to be incorporated into a single document.

16. The following measures shall be undertaken with respect to all buildings identified in the approved CNVMP pursuant to condition 13.ix.:

- a. At least one month prior to the commencement of construction activities, the Requiring Authority shall (with the permission of the landowner and where necessary, the occupier) commission an independent consultant with expertise in the building effects arising from vibration effects to undertake a preconstruction condition survey of all buildings identified in the approved CNVMP. The condition survey shall identify and measure all exterior cracks and other features that may be subject to movement and shall record these for the information of the landowner, the Council and the Requiring Authority. A copy of the preconstruction survey shall be provided to each of the relevant landowner, the Council and the Requiring Authority prior to the commencement of construction works on site; and
- b. No less than three months and no more than six months after the completion of the construction works within the vicinity of the residential properties in respect of which the condition survey was undertaken, the Requiring Authority shall commission an independent consultant with expertise in the building effects arising from vibration effects to undertake a post construction condition survey of all dwellings surveyed as a requirement of condition 16.a above. The survey shall measure and record the exterior cracks and other features surveyed previously and shall make recommendations as to what works and/or remediation, if any, are required to return the building(s) to their preconstruction condition. A copy of the post-construction survey report shall be provided to each of the landowner, the Council and the Requiring Authority within one month of the completion of the report; and

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c. Within one month of the receipt of the post-construction survey report, the Requiring Authority shall inform the Council in writing as to the actions it will undertake to respond to the report's recommendations. Any actions required to be carried out as a result of the post-construction report shall be completed within four months of the receipt of the post-construction report, provided that the relevant landowner agrees to the undertaking of the work and enables the Requiring Authority to access the property for the purposes of undertaking that work. If agreement or access is not forthcoming within one month of the request being made, the Requiring Authority shall be deemed to have complied with this condition.

Operational Noise

For the purposes of conditions 17-19 the following terms will have these meanings:

- i. "Building Modification Mitigation" – has the same meaning as in NZS 6806:2010
- ii. "Habitable room" – has the same meaning as in NZS 6806:2010
- iii. "NZS 6806:2010" – means NZS 6806:2010 Acoustics – Road-traffic Noise – New and altered roads
- iv. "PPFs" – means the protected premises and facilities identified in Appendix E of the Noise and Vibration Technical Report (see Volume 3 – Technical Appendix 6)
- v. "Structural mitigation" – has the same meaning as in NZS 6806:2010.

17. No later than 20 working days prior to the commencement of works on the project to or relevant project stage (excluding site investigations and enabling works), the Requiring Authority shall submit a Traffic Noise Mitigation Plan ("TNMP") to the Major Infrastructure Team Manager, Auckland Council. The TNMP shall be prepared by a qualified acoustics specialist in accordance with NZS 6806:2010 and shall describe the noise mitigation measures to be employed to ensure noise associated with road traffic within the designation boundaries will comply with the requirements of NZS 6806:2010 and shall include:

- i. The size, type, form and location of any noise barriers and bunds including height and lengths of the barriers;
- ii. The road surface type to be used; and
- iii. Specific measures to be employed for any PPFs where these are necessary in addition to the measures under 17(i) and 17(ii) above to achieve compliance with the requirements of NZS 6806:2010.

18. In the event that the TNMP identifies any PPFs where, following implementation of any structural mitigation measures, Building Modification Mitigation may be required to achieve 40 dB LAeq inside habitable rooms ("Category C Buildings") the following conditions will apply:

- i. Prior to commencement of construction of the project in the vicinity of a Category C building, the Requiring Authority shall write to the owner of each Category C building seeking access to their building for the purpose of measuring internal noise levels and assessing the existing building envelope in relation to noise reduction performance;
- ii. If the owners of the Category C building approve the Requiring Authority's access to the property, then no more than six months prior to commencement of construction of the project, the Requiring Authority shall instruct a suitably qualified acoustic specialist to visit the building to measure internal noise levels and assess the existing building envelope in relation to noise reduction performance;
- iii. Where a Category C building is identified, the Requiring Authority shall be deemed to have complied with condition 18.ii. above where:
 - a) The Requiring Authority (through its acoustics specialist) has visited the building; or
 - b) The owner of the Category C building did not approve the Requiring Authority's access to the property or secure appropriate access with the occupier; or
 - c) The owner of the Category C building cannot, after reasonable enquiry, be found prior to completion of the construction project. In such instances, a log of the attempts made to contact the owner shall be kept by the Requiring Authority.
- iv. At least six months from the assessment required under condition 18.ii., the Requiring Authority shall give written notice to the owner of each Category C building;
 - a) Advising of the options available for Building Modification Mitigation to the building; and
 - b) Advising that the owner has three months within which to decide whether to accept Building Modification

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Mitigation for the building, and if the Requiring Authority has advised the owner that options for Building Modification Mitigation are available, to advise which of those options the owner prefers.

v. Once an agreement on Building Modification Mitigation is reached between the Requiring Authority and the owner of a Category C building, the mitigation shall be implemented in a reasonable and practical timeframe agreed between the Requiring Authority and the owner.

vi. Where Building Modification Mitigation is required, the Requiring Authority shall be deemed to have complied with condition 18.v. above where:

a. The Requiring Authority has completed Building Modification Mitigation to the Category C building; or

b. The owner of the Category C building did not accept the Requiring Authority's offer to implement Building Modification Management prior to the expiry of the timeframe stated in condition 18.iv.b. above; or

c. The owner of the Category C building cannot, after reasonable enquiry, be found prior to completion of construction of the project.

19. Prior to opening for general traffic on any parts of the project, subject to condition 18.vi.b. and c., the appropriate noise mitigation measures that are identified for those parts in the TNMP shall be fully implemented with the exception of any low noise surfacing which shall be implemented within 12 months of practical completion.

Landscape and Visual

20. Prior to commencement of any works on any part of the land included in the designation, the Requiring Authority shall submit a Landscape Concept Plan to the Major Infrastructure Team Manager, Auckland Council, for approval. The Landscape Concept Plan shall include the following information:

i. plans at an appropriate scale showing finished ground levels and the location of plantings;

ii. the species of plants to be planted including but not limited to an appropriate number of larger framework trees;

iii. the nature of any built elements to the landscaping, e.g. patterned or textured surfaces, sculptures or other artwork;

iv. how the landscaping is integrated with the proposed cycle and walk way and stormwater wetland;

v. how the recommendations of the Landscape and Visual Assessment have been taken into account, including the provision of landscaping to mitigate any adverse visual effects associated with noise / retaining walls and the loss of existing vegetation screens;

vi. suitable replacement planting along the eastern boundary of 1/234 Triangle Road in the event that the existing jacaranda and pohutukawa trees located within the designation boundary require removal;

vii. suitable planting in Lowtherhurst Reserve to generally enhance the habitat values for native fauna, and in particular those of the copper skink or mokomoko.

21. The approved landscape planting shall be implemented in accordance with the Landscape Concept Plan within the first planting season following the completion of the construction works provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained at the Requiring Authority's cost for the next three years thereafter. Should the landscaping be implemented in stages (depending on construction phases), landscaping may be implemented after the first planting season of each stage.

22. Where practicable, any planting utilising native species shall use plants sourced from the ecological district.

23. Planting areas shall be mulched using suitable weed-free, granular organic mulch. The only exceptions to this shall be where the slopes are too steep to allow for its retention. In such cases a neutral or black coloured biodegradable or photodegradable geotextile is to be used.

Parks

24. In respect of the proposed Lowtherhurst wetland, the Requiring Authority shall submit to the Auckland Council for approval by the Major Infrastructure Team Manager prior to the construction of the Lowtherhurst

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Reserve wetland, a detailed Wetland Landscape Plan that clearly shows the following:

- i. plan and cross section drawings of the wetland, including the emergency spillway to be constructed;
- ii. plant species, location, pb size, numbers, spacing and overall square metres of planted area;
- iii. location and size and type of any proposed fence.

The plan should be designed with specific attention to the interface between the stormwater infrastructure and the open space area of the reserve having specific regard to amenity, usability and public safety. In addition the design principles of 'Crime Prevention through Environmental Design' and 'Injury Prevention through Environmental Design' should be clearly demonstrated. Plant species to the west and north-west of the Lowtherhurst Reserve wetland area shall include species that assist to screen views to the motorway corridor from the Reserve and surrounding residential properties.

25. The approved Wetland Landscape Plan shall be implemented in the first planting season following the completion of the construction works provided that climatic conditions are suitable, otherwise at the first practicable opportunity thereafter, and shall be maintained at the Requiring Authority's cost. Should the landscaping be implemented in stages (depending on construction phases), landscaping may be implemented after the first planting season of each stage.

26. The emergency spillway should be located and/or designed, in accordance with the Auckland Regional Council technical publication TP10, so that the stormwater overflow is directed efficiently to Rarawaru Stream so as to minimise the degradation of the open grassed area of Lowtherhurst Reserve.

Iwi Matters, Archaeology and Heritage

27. In the event of an accidental discovery of any unrecorded archaeological sites, including human remains, the following steps shall be taken:

- i. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease.
- ii. The site construction supervisor will notify the NZTA archaeological consultant who in turn will contact the project manager at NZTA. In the event of the project manager being unavailable the matter will be reported by the consultant to the Regional Manager of the NZTA.
- iii. NZTA will ensure that the matter is reported to the Regional Archaeologist at the NZHPT, the tangata whenua and to any required statutory agencies if that has not already occurred.
- iv. In the event that the accidental discovery material is confirmed as being archaeological, under the terms of the Historic Places Act, the NZTA shall ensure that the archaeologist carries out an archaeological assessment, and if appropriate, an archaeological authority is obtained from the NZHPT before work resumes.
- v. NZTA will ensure that representatives of the consultant and the contractor, as appropriate, shall be available to meet and guide representatives of the NZHPT and tangata whenua, and any other party with statutory responsibilities, to the discovery site.
- vi. Works in the site area shall not recommence until authorised by the NZTA after consultation with the NZHPT, tangata whenua, the NZ Police (and any other authority with statutory responsibility) to ensure that all statutory and cultural requirements have been met.
- vii. Work may recommence in the shortest possible timeframe provided that any archaeological sites discovered are protected until as much information as practicable (in the opinion of the archaeological consultant) is gained and a decision regarding their appropriate management is made, including obtaining an archaeological authority if necessary. (Note: Appropriate management could include recording or removal of archaeological material.)

28 NZTA shall consult with Te Kawerau a Maki and the consultation will be based on the following principles:

- i. Input and involvement in the detailed design process; and
- ii. Involvement in archaeological monitoring and recording throughout the duration of the Project, particularly within those areas of significance to Iwi.

Integration with the local network

29. The Requiring Authority shall not remove or reduce in capacity the bus shoulder lanes without first consulting with Auckland Transport.

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30. In collaboration with Auckland Transport, and prior to submission of the OPW for approval by the Council, the Requiring Authority shall prepare a Network Integration Plan ("NIP"), to demonstrate how the project integrates with the existing local road network (and in particular Moire Road) and with future improvements planned by Auckland Transport. The NIP shall include details of proposed physical works at the interface between the State Highway and the local road network, and shall address such matters as integration with any potential Rapid Transport Network ("RTN"), pedestrian / cycleways, lane configuration, traffic signal coordination, signage and provision for buses. The NIP will consider and identify:

- i. Opportunities to improve cycling / walking connections
- ii. Opportunities to progress bus priority measures on both on/off ramps at Royal Road and on the Royal Road bridge
- iii. Opportunities to future proof for RTN connections and a future bus-to-bus interchange in vicinity of Royal Road interchange.

Information Requirement for Outline of Plans of Works

31. The following information shall be supplied with any outline plan submitted under section 176A of the Act:

- i. The location and design details of operational noise barriers and/or bunds for protected premises and facilities. This shall include but is not limited to design details of the location, height, length, materials and visual appearance of the noise barriers. Evidence of consultation with adjoining landowners shall be submitted to ensure that the size and scale of the proposed wall is appropriate;
- ii. The design details of all bus shoulders and bus priority lanes. This shall include but is not limited to their location, length, width, markings and the priority rules that will apply;
- iii. The design details for all works on Royal Road and Makora Road. This shall include but is not limited to cross sections and elevations, design details of all vehicle lanes, any bus priority methods, cycle lanes, cycle ways, footpaths, pedestrian crossings, cycle crossings, traffic signals, vehicle crossings, road markings, signage, median barriers and any other barriers;
- iv. The design details of the shared cycle way and footpath;
- v. The design details of any retaining walls over 1.5 metres in height, including but not limited to the location, height, materials and visual appearance of the walls;
- vi. The details of planting and other landscaping in accordance with condition 20;
- vii. The design details of any motorway lighting adjacent to residential properties; and
- viii. The design details of any works relating to the Royal Road bridge, including but not limited to. all dimensions.

Lighting

32. All lighting will be designed to comply with AS/NZS 1158.1.1:2005.

33. The maximum light spill at the boundary of the designation will be 10 lux.

Lapse Date

34. Pursuant to Section 184 of the Act, this designation will lapse fifteen years after the date on which it is included in the District Plan, unless given effect to before that date, or an extension is given in terms of Section 184(1)(b) of the RMA.

Advice Notes

1. Network infrastructure owned and operated by Watercare Services is located within the designation boundaries. Agreements are being developed by the NZTA and Watercare Services which will include appropriate relocation, notification and access protocols for the construction duration and for notification and access protocols and the replacement of existing and installation of new infrastructure in the operations phase.

Attachments

No attachments.

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6744 State Highway 16 - Westgate

Designation Number	6744
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 south of Westgate interchange, Westgate
Rollover Designation	Yes
Legacy Reference	Designation NZTA7, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

N/A.

Conditions

1. Where an outline plan of works is submitted in accordance with s176A of the Act, prior to commencing the project of work, that plan shall be accompanied by:

- a. a statement detailing the degree to which the works described in the outline plan meet the relevant objectives, policies and rules of the Plan; and
- b. an assessment of the effects the works described in the outline plan will have on the environment.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

Attachments

No attachments.

6747 Motorway Administration and Maintenance - Northcote

Designation Number	6746
Requiring Authority	New Zealand Transport Agency and Minister of Police*
Location	28 Sulphur Beach Road, Northcote
Rollover Designation	Yes

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Legacy Reference	Designation 58, Auckland Isthmus District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a joint designation with the Minister of Police designation (Designation 5738).

Purpose

Motorway administration and maintenance.

Conditions

No conditions.

Attachments

No attachments.

6748 Auckland Harbour Bridge Works Depot and Anchorage

Designation Number	6748
Requiring Authority	New Zealand Transport Agency
Location	9 Princes Street, Northcote Point
Rollover Designation	Yes
Legacy Reference	Designation 108, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Auckland Harbour Bridge works depot and anchorage.

Conditions

No conditions.

Attachments

No attachments.

6749 Auckland Harbour Bridge Works Depot and Anchorage

Designation Number	6749
Requiring Authority	New Zealand Transport Agency
Location	Queen Street (Pt Allotment 68 TTN of Woodside) , Northcote Point
Rollover Designation	Yes
Legacy Reference	Designation 109, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Auckland Harbour Bridge works depot and anchorage.

Conditions

No conditions.

Attachments

No attachments.

6750 State Highway 1 - Auckland Harbour Bridge to Albany

Designation Number	6750
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from Auckland Harbour Bridge, Northcote to Greville Road interchange, Albany
Rollover Designation	Yes
Legacy Reference	Designation 110, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Auckland-Waiwera Motorway (State Highway 1), including planning, design, supervision, construction and maintenance in accordance with the Transit New Zealand Act 1989.

Conditions

These conditions apply to the section 181 alteration to the designation for widening of the motorway between Constellation Drive and Greville Road:

1. That prior to any development commencing on the extension to the motorway an outline plan of works shall be submitted to the Council showing the exact boundary of the designation, detailed design drawings and proposed landscape and noise mitigation measures and specifically providing details:
 - a. Ensuring the protection of native planting within the treatment plant site;
 - b. Ensuring that satisfactory treatment plant tunnel access can be provided under the motorway along with any protection of banks from erosion;
 - c. Ensuring that stormwater runoff from the motorway extensions is prevented from entering the Oxidation Ponds and grounds;
 - d. Ensuring that EnviroWaste's activities are not compromised in any way;
 - e. Ensuring that the Treatment Pond's activities are not compromised in any way.
2. That should Transit construct additional lanes on the state highway between Constellation Drive and Greville Road before construction of the busway priority lane provided for by this requirement the construction of the additional lane shall be undertaken in a manner which does not preclude subsequent construction of the priority lane.

Attachments

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No attachments.

6751 State Highway 1 - Albany

Designation Number	6751
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from Greville Road interchange, Albany to Lonely Track Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 111, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Proposed Motorway (Auckland/Waiwera Motorway State Highway 1), including planning, design, supervision, construction and maintenance in accordance with the Transit New Zealand Act 1989.

Conditions

No conditions.

Attachments

No attachments.

6753 State Highway 18 - Rosedale

Designation Number	6753
Requiring Authority	New Zealand Transport Agency
Location	State Highway 18 from Constellation Drive interchange (State Highway 1) to west of Paul Matthews Road, Rosedale
Rollover Designation	Yes
Legacy Reference	Designation 113, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

State Highway 18 - the control, management and improvement of the State Highway, including planning, design, research, construction, operation and maintenance relating to all land within the State Highway designation and in accordance with the Transit New Zealand Act 1989.

Conditions

No conditions.

Attachments

No attachments.

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6756 State Highway 18 - Upper Harbour Highway

Designation Number	6756
Requiring Authority	New Zealand Transport Agency
Location	State Highway 18 (Upper Harbour Highway) from west of Paul Matthews Road, Rosedale to Upper Harbour Bridge, Greenhithe
Rollover Designation	Yes
Legacy Reference	Designation 160, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

State Highway 18 - the control, management and improvement of the State Highway, including planning, design, research, construction, operation and maintenance relating to all land within the State Highway designation and in accordance with the Transit New Zealand Act 1989.

Conditions

1. General

- i. The scope and extent of the works envisaged within the designation shall be generally in accordance with the requirement, the plans contained in "Appendix C – Designation Drawings" accompanying the Notice of Requirement, and the relevant detailed plans in the Technical Documents in Appendix A, subject to the final design and the conditions set out below and modifications to the designation boundaries approved by the Environment Court.
- ii. Prior to any works being commenced Transit New Zealand shall obtain all requisite resource consents under the Resource Management Act 1991, including the Auckland Regional Council's relevant Regional Plans.
- iii. Transit New Zealand and its contractors, in addition to complying with any other construction-related conditions, shall take all reasonable steps to avoid, minimize or mitigate any nuisance or damage (including dust and ground vibration) to adjacent properties during construction.
- iv. Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.
- v. At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, Transit New Zealand shall ensure that the property owner is consulted about the most suitable time for carrying out the work and Transit New Zealand shall minimize the period during which vehicular access is prevented.
- vi. A permanent liaison person shall be immediately appointed for the duration of the Highway project to be the main and readily accessible point of contact for all persons affected by the designation and construction works. The liaison person's name and contact details shall be advised to affected parties by Transit New Zealand. This person must be available for ongoing consultation on all matters of concern to affected persons.
- vii. Transit New Zealand shall use its best endeavours to ensure that all existing network utility services are protected during construction phases of State Highway 18 and that adequate access (other than from the Highway itself) is provided to all such services for operational and maintenance purposes.

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viii. All contract documentation for physical works shall include copies of the designation conditions, any other resource consents (including conditions) and any approved outline plan(s) held for the project.

ix. Transit New Zealand shall use its best endeavours to secure the requisite funding to enable it to complete the earthworks for the ultimate 4-lane width of the Highway at the time of initial construction.

x. For the purposes of these conditions, in determining whether a proposed activity is “practicable”, Transit New Zealand shall have regard to:

- a. The nature of the proposed activity; and
- b. The sensitivity of the environment which will be affected by the proposed activity; and
- c. The financial implications of the proposed activity when compared with other options; and
- d. The effects on the environment of the proposed activity when compared with other options; and
- e. The current state of technical knowledge and the likelihood that the proposed activity can be successfully carried out.

xi. The works which are the subject of conditions 2.i., 4.ii., 4.v., 5.i. and 6.i. below shall not be implemented until the relevant Management or Mitigation Plans are finalized:

- a. In the manner requested by the North Shore City Council, which requests must be made within a reasonable timeframe, or if Transit does not accept the Council’s requests for finalization of any part(s) of the Plan(s), then;
- b. In accordance with section 176A of the Resource Management Act 1991 as to any part of a Plan in respect of which Transit and the Council have been unable to reach agreement pursuant to subclause (a) above.

2. Dust and Ground Vibration Management Plan

i. Prior to the commencement of any construction activity authorised by the designation (excluding site investigations), Transit New Zealand shall ensure that a Dust and Ground Vibration Management Plan is prepared and submitted to the Team Leader, Planning Services, North Shore City Council (or equivalent officer if that position no longer exists).

ii. The purpose of the Dust and Ground Vibration Management Plan is to set out methods by which any dust nuisance from construction will, as far as practicable, be avoided or minimized and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Dust and Ground Vibration Management Plan shall identify:

- a. Specific methods by which dust will be managed, including cleaning vehicle wheels or tracks before vehicles enter public roads, wetting or covering surfaces and remediation of disturbed areas;
- b. Monitoring, auditing and reporting procedures;
- c. Contingency measures to ensure that, in the event of any dust nuisance arising, remedial measures are implemented (including cleaning out and refilling of roof-water tanks on properties adjoining the designation as necessary, if water in those roof-water tanks becomes unpotable);
- d. Procedures for prior notification to affected land owners and occupiers of the use of machinery likely to generate vibration effects beyond the area of the designation; and
- e. Procedures for handling any dust and ground vibration complaints.

iii. Transit New Zealand shall ensure that the Dust and Ground Vibration Management Plan is complied with at all times during construction work.

3. Social Impact Mitigation

i. Should construction work uncover any archaeological remains, Transit New Zealand will immediately advise local Kaumatua and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without the prior consent of the Historic Places Trust).

ii. Where requested by the owners, Transit New Zealand shall physically peg out the extent of the alignment on individually affected properties once the designation has been confirmed or all appeals have been determined,

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whichever is the later.

iii. If any or all of the properties at numbers 105, 175 and 177 Kyle Road affected by the alignment are in private ownership at the time of construction of the alignment then Transit New Zealand, in consultation with the affected owner(s), shall provide suitable alternative access to the said property or compensate the owner(s) in compliance with the Public Works Act 1981.

iv. Within 12 months of the date of the sealing of the Consent Order determining the UnitedNetworks appeal (RMA 1175/99), Transit New Zealand, in consultation with the UnitedNetworks Limited (or its successor), shall provide a suitable alternative substation site adjacent to the existing site. The new substation site shall be located fronting Kyle Road, shall be of the same land areas as the existing site and, subject to the relevant provision of the Resource Management Act 1991, shall be designated in the District Plan in accordance with the relevant provision of the Act.

v. Transit New Zealand shall provide footpaths on both sides of structures proposed to carry existing roads across the motorway at Albany Highway, Greenhithe Road and Tauhinu Road, and on one side of the structure proposed to carry the existing road across the motorway at Ashby Place.

vi. Transit New Zealand shall ensure that the design and construction methods for the Highway do not preclude the achievement of the required linkages in the Proposed North Shore District Plan and in the Greenhithe South Structure Plan.

vii. Transit New Zealand shall provide lighting along the entire route to Transit's normal urban arterial standards.

viii. The intersection of the Ashby Place extension with Upper Harbour Drive shall be designed to provide sufficient sight distance for a 60 km/hr design speed west-bound on Upper Harbour Drive and for a 70 km/hr design speed east-bound on Upper Harbour Drive.

ix. Transit New Zealand shall construct that section of State Highway 18 which is the subject of this designation as a route suitable for appropriate over-dimension vehicles.

x. In carrying out detailed design, Transit New Zealand shall consult with the owners of 30 Wicklam Lane and implement the following mitigation measures to minimise the adverse effects on that property:

- a. The minimisation of the land take from the property;
- b. The minimization of the size of the settlement pond on the property;
- c. Prior to opening of the motorway to traffic, noise mitigation measures shall be implemented so as to achieve compliance with noise conditions 4(i) to 4(vi) below, but in any event, a noise design level of 55dB(A) Leq (24 hours) shall apply and shall relocate or replace to a similar standard the affected vegetation on the property (including the Tasmanian Blackwood trees).

xi. In relation to the property at 38 Wicklam Lane, Greenhithe, being Lot 6, DP 102714 and Part Allotment 84 Parish of Paremoremo ("the property"), Transit New Zealand shall:

- a. Design and implement the works pursuant to this designation so as to avoid:
 - Any adverse geotechnical or structural effects on the tennis court, shed and adjacent carport (shown on the plan attached to this Order entitled "SH18 Requirement Plan 38 Wicklam Lane – E.J McEwan" (sic)) ("the Structures"); or
 - The drainage and soak holes situation on the Property;
- b. Remedy, at Transit New Zealand's cost, any damage to the Structures, drainage or soak holes on the Property resulting from the designation works if Transit is unable to comply with subclause (a) above;
- c. Construct retaining walls at Transit New Zealand's cost on the Crown's land to support the Structures if necessary;
- d. Consult with Ms McEwen (or the registered proprietor of the Property at the relevant time) during the process of completing detailed design of the works regarding the design of any fence and/or other noise mitigation measures

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relating to the Property; and

e. Clean out the water tank at the property and pay for the tank to be refilled with potable water in the event that the tank and water become contaminated by dust or dirt from Transit New Zealand's works during the construction period on the designation, if reasonably requested to do so by Ms McEwen or the registered proprietor of the Property at the relevant time.

4. Noise Impact Mitigation

i. The alignment shall be designed and constructed in accordance with Transit New Zealand's Draft Guidelines for the Management of Traffic Noise for State Highway Improvements, November 1994.

ii. A detailed Noise Mitigation Plan shall be prepared by a suitably qualified noise consultant in consultation with the Team Leader, Planning Services, North Shore City Council (or equivalent officer if that position no longer exists). The Noise Mitigation Plan shall be submitted to the Team Leader, Planning Services, North Shore City Council, prior to construction. The purpose of the Plan is to describe the method by which noise associated with traffic using the roading within the designation will be made to comply with specified noise limits. Where the ambient sound level is required to be monitored to determine design limits then this shall be done prior to construction commencing.

iii. Noise monitoring shall be undertaken in accordance with S6801:1991 Measurement of Sound. Transit New Zealand shall ensure that representative noise monitoring of the Highway route is undertaken at its expense by a suitably qualified and experienced acoustical consultant within nine months of the opening of the Highway over any part of the route and subsequently within nine months of the opening of the whole route if that occurs separately. Results of all noise monitoring shall be supplied to Council within six weeks of the monitoring being completed.

iv. Transit New Zealand shall ensure that all construction works are carried out in accordance with S6803P:1984 The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work and that noise shall comply with the limits set down in Table 1 of S6803P:1984 including the appropriate adjustments included in Section 6.1 of that Standard.

v. Prior to commencement of any construction activity (excluding site investigations), Transit New Zealand shall prepare a Construction Noise Management Plan which shall be submitted to the Team Leader, Planning Services, North Shore City Council (or equivalent officer if that position no longer exists). The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 4(iv) above. In particular, the Construction Noise Management Plan shall identify:

- a. The matters referred to in paragraph 2.1.1(a) to (e) of S6803P:1984 The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work;
- b. Methods of managing noise;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency (by reference to S6803P:1984);
- d. Contingency measures in the event of any incidence of non-compliance; and
- e. Procedures for handling noise complaints.

vi. Transit New Zealand shall ensure that the Construction Noise Management Plan is complied with at all times during construction works.

5. Ecological Mitigation Impact

i. An Ecological Impact Mitigation Plan shall be prepared by a suitably qualified ecologist and submitted to the Team Leader, Planning Services, North Shore City Council (or equivalent officer if that position no longer exists). The Plan shall be included in all relevant Environmental Management Plan documentation. The Plan shall address the matters contained in conditions 5.ii.-xiii. below.

ii. Wherever practicable, any disturbance to areas of existing vegetation and those areas to be revegetated as specifically demarcated within red on the attached figure entitled "Sensitive Areas Within the Designation but Outside of the Alignment Footprint" shall be avoided. Where vegetation disturbance in these areas cannot be practicably avoided, Transit shall ensure that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as

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including, but is not limited to vegetation clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

iii. Prior to construction Transit New Zealand shall, in consultation with a suitably qualified freshwater ecologist:

a. Offer to the owner of that land containing an artificial pond adjacent to the North Shore City Council reserve near Wicklam Ave to carry out remedial works on the presently perched culvert downstream of the artificial pond shown on the attached figure entitled "Sensitive Areas Within the Designation but Outside of the Alignment Footprint". For the purposes of this condition, "remedial works" means the placement of rock/concrete aprons which will connect overhanging (or "perched") culvert outlets with the stream waters below, so as not to impede the movement of migratory native fish species.

iv. Transit New Zealand, in consultation with relevant landowners and a terrestrial ecologist shall investigate reasonable and practicable bush protection mechanisms and, if the landowners are amenable, shall implement these before the conclusion of the construction period. The mechanisms to be considered shall include fencing (where the bush and adjacent land is or could be grazed) and covenanting. Costs for this are to be met by Transit New Zealand. Bush blocks covered by this condition are those depicted in Figure 4 attached, as follows:

- a. The areas of native forest and regenerating native bush outside of the designation which adjoin the alignment;
- b. The swamp maire population located to the south of the NSCC reserve; and
- c. The Kahikatea and swamp maire forest in the vicinity of Black's Road.

v. Transit New Zealand shall transplant all saplings and seedlings of swamp maire found within the carriageway footprint of the Highway in Area A shown on Figure 1 attached, and replant them within an environment in the Greenhithe area that is appropriate to their habitat preferences.

vi. Transit New Zealand shall ensure that all specimens of swamp maire located within the area demarcated as the "Swamp Maire Non-Disturbance Zone" on the attached plan titled entitled "Sensitive Areas Within the Designation But Outside of the Alignment Footprint" are neither damaged nor destroyed as a result of Transit New Zealand's construction activities.

vii. A fauna salvage operation is to be undertaken where the new Highway within the proposed designation crosses the native bush areas shown as Area A and Area B in Figure 1 attached prior to work commencing in those areas. The fauna to be salvaged include native lizard species (i.e. geckos and skinks), and any native fish species in accordance with the advice of a suitably qualified freshwater biologist. The salvage operations are to take place directly prior to works beginning in the relevant habitats.

viii. In the case of perennial streams (i.e. those that flow all year round), culverts shall be designed and placed in a manner to facilitate the passage of fish and aquatic life through the natural stream system. These culverts shall be designed and placed with the assistance of a suitably qualified freshwater biologist.

ix. Revegetation of native bush shall be undertaken to the level of that which will be lost due to road construction, to the extent that such can be practicably accommodated within the areas demarcated for revegetation in Figures 3 and 5 attached.

x. In consultation with a suitably qualified ecologist, a revegetation programme is to be carried out upon those batter slopes demarcated in Figure 3 attached. This revegetation programme will focus upon the planting of hardy native edge species appropriate to the site (with manuka predominant) as soon as practicable after construction. These species are to be sourced from local genetic stock and be densely planted. Once this initial vegetation has established then native forest canopy trees appropriate to the local environment should be interplanted at suitable spacings to promote a future canopy of these trees.

xi. Any realigning of existing perennial waterways shall be minimised as far as is practicable. Where streams are realigned, the design of any new channel shall be carried out with the advice of a freshwater biologist, and

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shall include the creation of appropriate habitat opportunities for aquatic fauna and the retention and establishment of riparian vegetation.

xii. That placement of silt ponds within existing waterways be minimised as far as possible, but where such ponds must occur then fish passes are to be provided in those cases where the ponds will be permanent features. In the case of temporary ponds (i.e., those in place during the construction period only) no fish passes are necessary, but the stream areas affected will be reinstated to at least their previous condition (including provision for the unobstructed passage of aquatic fauna).

xiii. Transit New Zealand shall implement enrichment planting in that land within the designation not required for road construction which is situated adjacent to the North Shore City Council reserve to the south of Wicklam Lane. The objective of such planting is to reinforce the existing gully wetland bush type, by the use of appropriate and locally sourced species.

6. Visual Impact Mitigation

i. A Landscape Mitigation Plan shall be prepared by a suitably qualified landscape architect in consultation with the Team Leader, Planning Services, North Shore City Council (or equivalent officer if that position no longer exists) and the Director of Heritage, Auckland Regional Council or nominated representative. The landscape plan shall be submitted to the Team Leader, Planning Services, North Shore City Council, prior to construction and shall take into account, where practicable:

- a. The integration of the Highway alignment into the surrounding landscape;
- b. Mitigation of effects on properties in the vicinity of the alignment;
- c. Appropriate consideration of the angle and extent of batter slopes;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximize integration with the general form of the surrounding landscape;
- e. Noise mitigation measure (e.g. noise barriers) required in accordance with the Noise Impact Mitigation Conditions;
- f. Ecological mitigation measures (e.g. revegetation) required in accordance with the Ecological Impact Mitigation Conditions;
- g. Planting to screen horizontal edges and hard landscaping associated with the works (such as noise barriers), up to a height that is level with the height of those features (excluding lighting and bridges); and
- h. Planting in those areas identified for re-vegetation and planting in the attached figure titled "State Highway 18: Greenhithe: Proposed Mitigation Plan" April 1999 Sheet 95221/02/01 Figures a-d inclusive, including the planting of appropriate native species alongside streams in those areas demarcated as "Proposed Mass Planting (Exotic/Native Species)" on that figure.

ii. The Landscape Mitigation Plan shall include details of:

- a. All proposed planting (including species, species size, densities, areas and locations);
- b. The planting programme;
- c. The maintenance programme. This programme shall include details of weed control, performance standards specifying allowable percentage survival rates, and replacement of any planting failures;
- d. The sufficiency of the soil medium to sustain all planting proposed.

iii. The Landscape Mitigation Plan shall be implemented to the satisfaction of the landscape architect engaged by Transit New Zealand. All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works for the relevant section of the road. Following completion of planting, Transit shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

iv. The maintenance programme shall be implemented to the satisfaction of the landscape architect engaged by Transit New Zealand, for a minimum period of three years following planting. Three months prior to expiry of the maintenance period, Transit New Zealand shall submit to the North Shore City Council a report by the

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landscape architect on the implementation of the maintenance programme. Transit shall also submit one interim report during the maintenance period if required to do so in writing by the North Shore City Council.

v. Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

Duration of the designation

7.i. In accordance with Section 184(1)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of fifteen years after the date on which it is included in the District Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority determines, on an application made within three months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

Advice Notes

1. North Shore City Council requests that Transit New Zealand take all necessary steps to resolve issues of land purchase as soon as possible.

2. Prior to preparing an assessment of effects under section 88(4)(b) of the Resource Management Act 1991 for resource consents required from the Auckland Regional Council, Transit New Zealand (or its agents) is to prepare and submit a Scoping Report to the Auckland Regional Council. The report should include a comprehensive annotated table of contents which indicate what will be addressed in the assessment of effects.

3. In a consent order approved by the Environment Court in September 2000, Transit New Zealand agreed to amend its existing requirement for designation by removing that part of the requirement relating to land east of a point approximately 22 metres east of Unsworth Drive in accordance with a plan prepared by Beca Cater Hollings & Ferner Fig L1.9, Reference 2106485 (Rev. 3.4.00), File 6485L209 DWG. In agreeing to exclude the land east of Unsworth Drive from its requirement, Transit New Zealand also acknowledges that in any future relevant requirement or application which may be necessary as part of a subsequent motorway development, Transit will address:

- a. The issue of the potential for an extended highway to interfere with access between Unsworth Heights and North Harbour Industrial Estate; and
- b. Provision of any bus shoulder lanes between Unsworth Drive and State Highway 1.

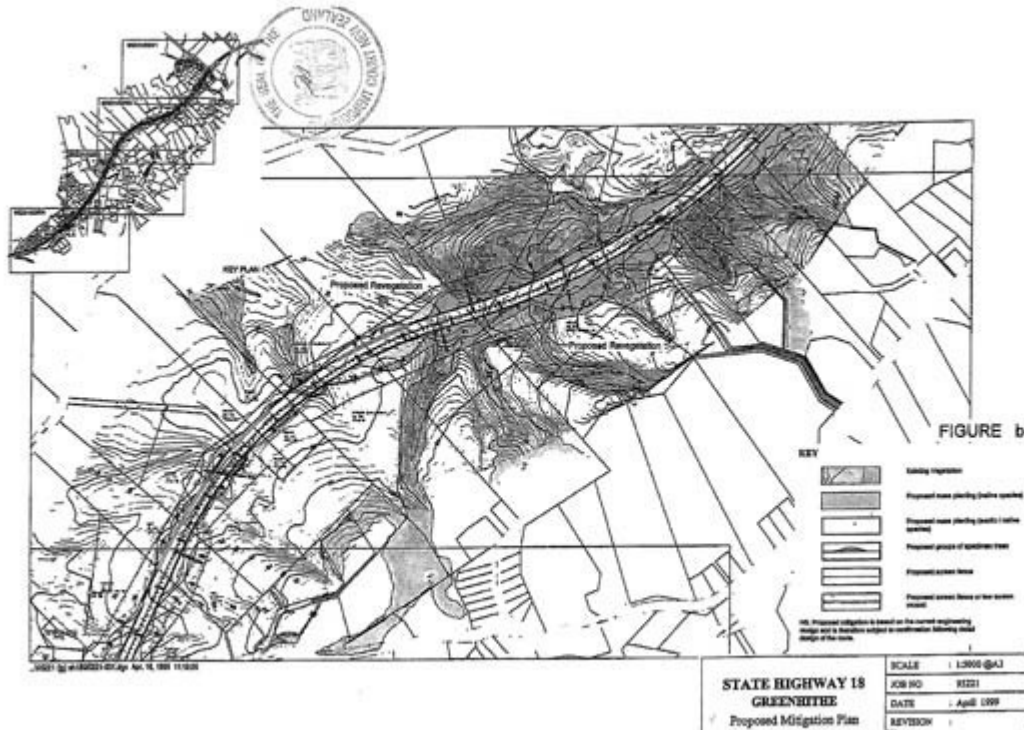
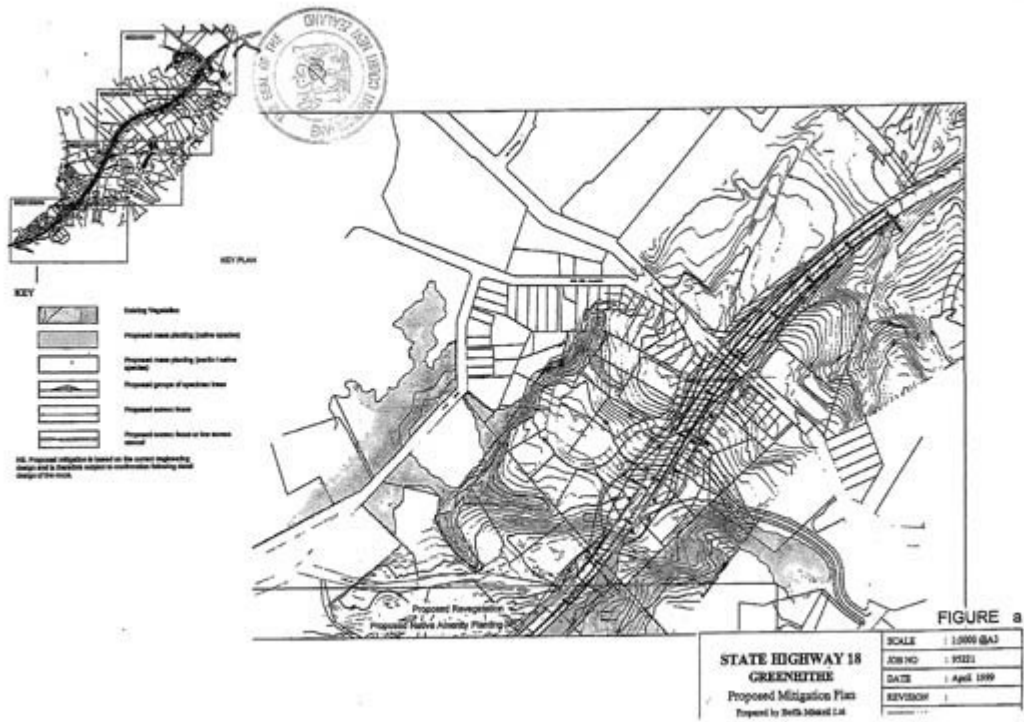
4. Where the "details" of the proposed works (as that term is defined in s176A Resource Management Act 1991) have not been incorporated into the designation or the works have not been otherwise approved under the Resource Management Act 1991 or the North Shore City Council does not waive the requirement for an outline plan, then an outline plan or plans shall be submitted by Transit New Zealand to the North Shore City Council under section 176A of the Resource Management Act 1991. Any outline plan or plans may be submitted in stages to reflect any proposed staging of the physical works.

5. Where agreement is reached between Transit New Zealand and the North Shore City Council pursuant to condition 1(xi) above in relation to any plan or part of a plan, that shall constitute waiver pursuant to section 176A(2)(c) of the Resource Management Act 1991 in relation to that plan or the relevant part of that plan.

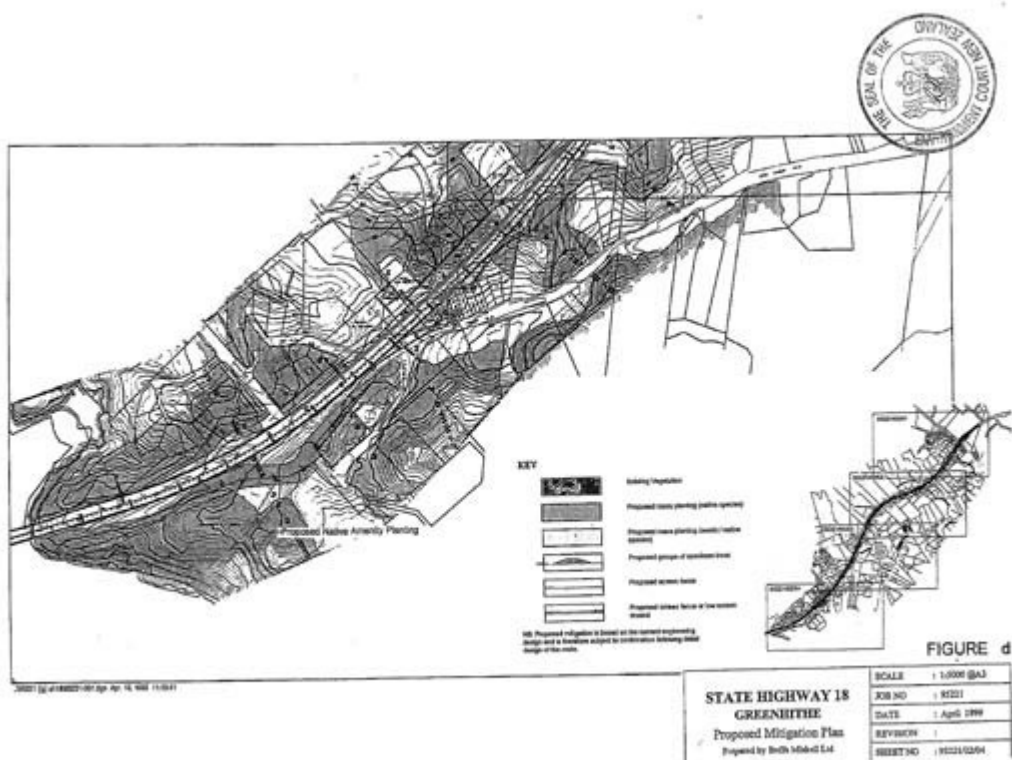
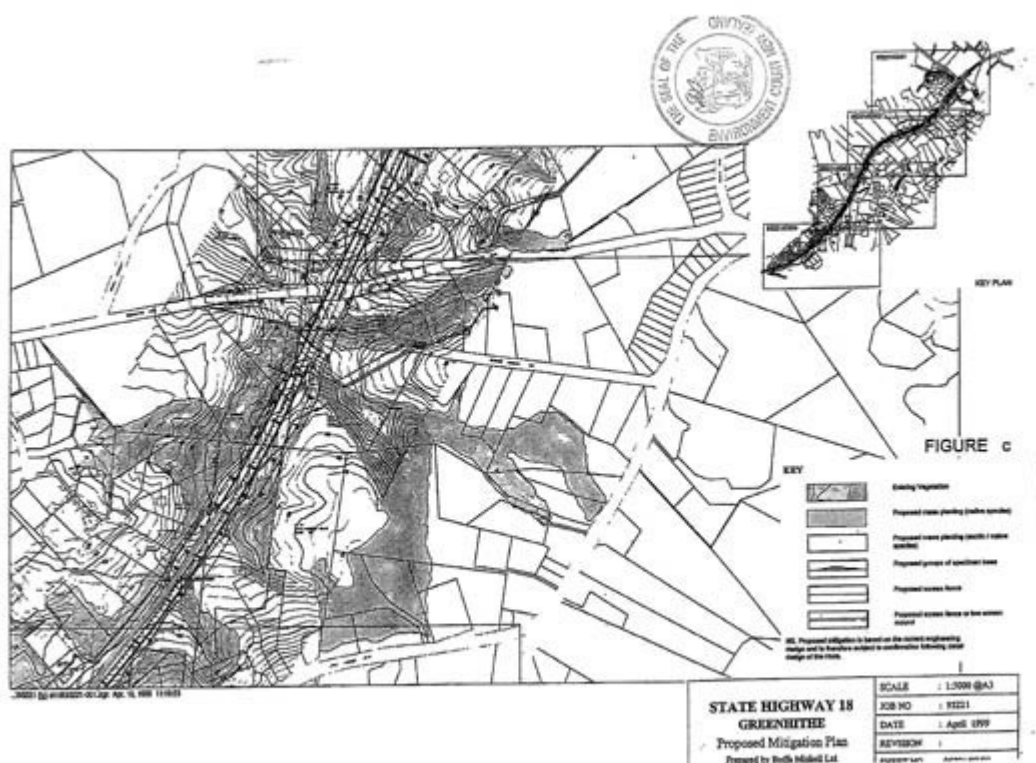
Attachments

State Highway 38: Greenhithe: Proposed Mitigation Plan" April 1999 Sheet 95221/02/01 Figures A-D

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6757 State Highway 1 - North Shore Busway

Designation Number	6757
Requiring Authority	New Zealand Transport Agency

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Location	North Shore Busway from south of Onewa Road interchange, Onewa to Constellation Drive interchange, Rosedale
Rollover Designation	Yes
Legacy Reference	Designation 169, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The North Shore Busway - for the construction, operation and maintenance of a State highway with provision for bus and high occupancy vehicle rapid transit facilities.

Conditions

1. General

1.1 The scope and extent of the works envisaged within the designation shall be generally in accordance with the Notices of Requirement, the plans contained in "Volume 3 – A3 Plans" forming part of the documentation supporting the Notice of Requirement, and the relevant detailed plans in the Technical Reports in Volume 5, subject to the final design and the conditions set out below.

1.2 Prior to any works being commenced in particular location(s) of work, the Requiring Authority shall obtain all requisite resource consents for the location(s) affected under the Resource Management Act 1991.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

1.4 At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation in the area affected. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which vehicular access is prevented.

1.5 A permanent liaison position from within the joint Project Governance Team of NSCC and the Requiring Authority will be appointed for the duration of the project. This person is to be available for ongoing consultation on all matters of concern to affected persons.

1.6 All contract documentation for physical works shall include reference to the designation conditions, any other resource consents (including conditions) and any approved mitigation or outline plan(s) held for the project.

1.7 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment in individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is the later.

2. Duration of the Designation

2.1 In accordance with Section 184(1)(c) and Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of ten years, except for NOR 8 which will lapse on the expiry of five years, after the date on which it is included in the District Plan unless:

2.2 It is given effect to before the end of that period; or

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2.3 The territorial authority determines, on an application made not later than three months before the expiry of that period; that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

3. Project Management Plans (PMP) and Outline Plans

3.1 The requiring authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 5, 6, 7, 8, 9, 10 and 11.

3.2. No works shall be undertaken in any particular location(s) until:

- a. The PMP, or such part(s) of the PMP as are relevant to the location(s) are approved in the manner provided for in condition 3.3; and
- b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (*RMA*) in relation to the works in the location(s), are approved in the manner provided in condition 3.3.

3.3 Approvals pursuant to condition 3.2.a. shall be obtained from the General Manager of Environmental Services, North Shore City Council, and a senior regulatory officer of the NSCC who is at the time of the approval a member of the Project Governance Team for the management of the works (*the approval officers*).

Advice Note:

Where an outline plan or plans are required by section 176A RMA for works in any particular location(s) and the approval officers agree that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Council may waive the requirement for an Outline Plan.

3.4 The works shall only be undertaken in accordance with an approved PMP and outline plan (where required).

3.5 If for any reason the PMP is not approved, the outline plan procedure under s 176A shall apply. For the avoidance of any doubt, the mitigation/management plans prepared under conditions 5, 6, 7, 8, 9, 10 and 11 shall be included with any outline plan lodged for approval pursuant to s 176A.

4. Archaeological Mitigation

4.1 If construction work uncovers any archaeological remains, the Requiring Authority will immediately advise local iwi and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without prior consent of the Historic Places Trust).

4.2 That all recorded archaeological sites and other cultural heritage sites in the vicinity of the works shall be clearly marked on the construction plans.

4.3 Any significant native trees removed from Smiths bush as part of the works to construct the busway shall be offered as gifts to Te Hao o Ngati Whatua and/or Ngati Whatua o Orakei.

4.4 Preliminary earthworks in the vicinity of Onewa Road and Sylvan Ave realignment will be monitored by a suitably qualified and experienced archaeologist.

5. Ecological Mitigation

5.1 The PMP shall include an Ecological Mitigation Plan prepared by a suitably qualified and experienced ecologist who shall have regard to:

- i. The recommendations contained in the audit by Shona Myers – Natural Heritage Scientist, ARC as to planting and the implementation of mitigation measures;
- ii. The planting of appropriate plant species as identified in ARC Technical Publication 148: Riparian Zone

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Management: Strategy for the Auckland Region, June 2001.

5.2 The Plan shall provide for:

- i. Planting in riparian zones where consent of the landowner is obtained;
- ii. Mitigation of potential coastal effects.

5.3 Wherever practicable, any disturbance of existing vegetation shall be avoided.

5.4 Where riparian vegetation disturbance cannot be practicably avoided, the Requiring Authority shall take care that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as including, but is not limited to, vegetation clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

5.5 The PMP shall include a plan of the proposed works within the eastern remnant of Smiths Bush in sufficient detail to determine the impact on existing vegetation and the Requiring Authority shall undertake its best endeavours to minimise the removal of vegetation from Smiths Bush.

5.6 All works within the eastern remnant of Smiths Bush shall be supervised by a suitably qualified and experienced arboriculturist.

5.7 As a means of attempting to retain the overall ecological viability of Smiths Bush, any vegetation removed from the eastern remnant of the bush shall be replaced where practicable in accordance with a native tree planting and maintenance regime approved under condition 3.3. and following consultation with appropriate staff at the Auckland Regional Council.

6. Landscape Mitigation

6.1 The PMP shall include a Landscape Mitigation Plan prepared by a suitably qualified and experienced landscape architect who shall have regard to:

- a. The Landscape Mitigation Plan prepared by LA4 Landscape Architects and contained in the Esmonde Interchange Project: Assessment of Environmental Effects Volume 10c; and
- b. The recommendations contained in the audits by Melean Absolum and Chris Boucher.

6.2 The Landscape Mitigation Plan shall provide for:

- a. The integration of the proposed works into the surrounding landscape;
- b. Appropriate consideration of the angle and extent of batter slopes;
- c. Appropriate screening of existing land-uses along Fred Thomas Drive;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximise integration with the general form of the surrounding landscape;
- e. Ecological mitigation measures (eg revegetation) required in accordance with the Ecological Mitigation Condition;
- f. Mitigation of effects on properties in the vicinity of the busway;
- g. Noise mitigation measures (eg noise barriers) required in accordance with the Noise Mitigation Conditions and the screening of such measures with planting between barriers and the busway carriageway;
- h. Detailed designs of the acoustic barriers, retaining walls, and earth bunds in conjunction with the engineers where necessary; and
- i. The identification of existing trees and vegetation sited on the boundary of the Busway designation that ought to be retained for screening purposes.

6.3 The Landscape Mitigation Plan shall include details of:

- j. All proposed planting (including species, species size, densities, areas and locations);
- k. The planting programme;
- l. The maintenance programme. This programme shall include details of weed control, performance standards

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- specifying allowable percentage survival rates, and replacement of any planting features;
- m. The sufficiency of the soil medium to sustain all planting proposed; and
- n. An appropriate maintenance regime.

6.4 All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter. Following completion of planting, the Requiring Authority shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

6.5 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

6.6 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

7. Noise Mitigation

7.1 The project shall, as a minimum standard, be designed and constructed to comply with the limits within the Transit NZ Guidelines for the Management of Traffic Noise for State Highway Improvements and with the acoustic report 'North Shore Busway Project, SH1 busway, Report No 97245B' by Marshall Day Acoustic Limited.

7.2 The PMP shall include a Noise Mitigation Plan prepared by a suitably qualified noise consultant. The purpose of the plan is to describe the methods by which noise associated with traffic using the roading and the bus stations within the designation will be made to comply with specified noise limits at all affected dwellings and schools in the vicinity of the area affected. Where the ambient sound level is required to determine design limits then this shall be done prior to construction commencing.

7.3 The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

7.4 The PMP shall include a Construction Noise Management Plan. The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 7.3 above. In particular, the Construction Noise Management Plan shall identify:

- a. The location of permanent acoustic fences to be installed prior to the commencement of the main construction works;
- b. Methods of managing noise;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency;
- e. Contingency measures in the event of any incidence of non-compliance; and
- f. Procedures for handling noise complaints.

7.5 Where the requirements of condition 7.4 are unable to be met, the alternative strategies that have been developed following consultation with affected landowners will be implemented. Such alternatives may include, but not be limited to, temporary relocation of occupiers, compensation for occupiers and purchase of the affected properties.

7.6 Construction works shall at all times be undertaken in accordance with the Construction Noise Management Plan.

7.7 Where practicable, acoustic barriers required to meet Transit Noise Guidelines in particular locations, shall be erected prior to commencement of the construction works in those locations.

7.8 Where temporary acoustic barriers are proposed in the Marshall Day Report, and where their retention

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would result in effective traffic noise reduction for residents or educational facilities, they shall be built to a standard such that the barriers will be able to remain permanently in place at heights approved under condition 3.3, taking into consideration traffic noise reduction visual and landscaping factors and consultation with adjoining property owners.

7.9 Unless:

- a. Otherwise agreed between Ministry of Education (MOE) and the requiring authority; or
- b. MOE agrees to compensation with the Requiring Authority for the noise effects from the Busway and associated new works; where *additional* traffic noise resulting from the Busway or associated new works increases above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any classroom, then the requiring authority shall, immediately following commissioning of the Busway, implement mitigation measures which result in the noise level not *exceeding* 45 dBA Leq, or the ambient noise level *existing* prior to the establishment of the Busway, whichever is the higher. This noise level shall be achieved together with the ventilation requirements of The New Zealand Building Code, Clause C4.

8. Geotechnical Mitigation

8.1 A Geotechnical Mitigation Plan shall be prepared by a suitably qualified Geotechnical Engineer in consultation with North Shore City Council. The plan shall be submitted to the North shore City Council prior to construction of any stage and shall take into account the recommendations of the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues' – November 2001.

9. Vibration Mitigation

9.1 The PMP shall include a Vibration Mitigation Plan having regard to the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001'. This Mitigation plan shall include details of how the works will comply with the requirement of German Standards DIN4150 "Structural Vibration in Buildings – Effects on Structures" during construction and shall take into account the recommendations.

9.2 A dilapidation survey of 'at risk' buildings, as per the recommendations of the audit prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001', shall be undertaken prior to during and after completion of the construction works, provided the consent of any landowner and/or occupier can be obtained.

10 . Traffic Mitigation

10.1 The PMP shall include a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall include:

- a. Methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods of helping to accommodate the bus transport needs of pupils of Westlake Girls' High School through the development and operation of Westlake Station and the busway system, in the light of consultation with the School;
- c. Methods of limiting the use of the busway to emergency vehicles and no more than 350HOVs (excluding buses) per hour north of Esmonde Road, including a restriction on the access of HOVs through Constellation Drive Station to no more than 350HOVs;
- d. Details of a monitoring programme to be undertaken detailing the demand for car parking in the vicinity of the Sunnynook Station and Westlake Station prior to the opening of the Station and at regular intervals (a minimum of 2 per annum) for a minimum period of five years following the opening of the Station to the public and measures to manage any such demand. (This condition shall only apply to Notices of Requirement 8 and 9); and
- e. Details of pedestrian access to be provided within the Westlake Bus Station and along Shakespeare Road Extension. (This condition shall apply only to Notice of Requirement 8).

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10.2 In order to prevent potentially significant traffic disruption during and after construction, the existing Onewa Interchange shall continue to be fully operational (that is in the manner in which it currently operates) until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

10.3 The public use of the Westlake Station shall not be allowed until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

11. Construction Management

11.1 The PMP shall include a Construction Management Plan which shall refer to all conditions imposed on any relevant resource consents granted by the Auckland Regional Council.

11.2 The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Management Plan shall identify amongst other things:

- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt;
- d. The means by which loss of vehicle access to be (sic) properties will minimise inconvenience to each property owner affected following consultation with affected property owners;
- e. Methods of ensuring pedestrian safety along public footpaths and particularly where works are proposed in close proximity to any school;
- f. Procedures for handling any dust and ground vibration complaints; and

In respect of Takapuna Normal Intermediate School the Management Plan shall include measures to address the following, in consultation with the School:

- i. Preventing students from gaining access to the construction site via the parking area off Northcote road or Smiths bush by the erection of such gates or fencing as may be agreed to by the School and the Requiring Authority;
- ii. Control of construction traffic moving between the construction site and Northcote Road so as to encourage the safe movement of students along Northcote Road; and
- iii. Minimising any adverse effects of construction on the playing field, in particular, dust nuisance.

11.3 The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept at all site offices.

11.4 The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

11.5 The Requiring Authority shall advise neighbouring owners and occupiers in the vicinity of the affected area of the date on which construction is to start, the expected duration of the work, and the telephone number of Site Liaison Officer who is able to respond to queries.

11.6 The location and extent of each stage of the site works will be identified and the North Shore City Council advised of the construction timetable.

11.7 The earthworks contractor shall be required to maintain the stability of the land and property at the

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boundary of the site by the best practicable method and to monitor that such works are and remain effective.

11.8 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the Requiring Authority's expense.

11.9 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. It is the Requiring Authority's responsibility to remedy any damages to the public drains that may occur during construction.

11.10 Protected vegetation areas and trees identified in the Landscape Mitigation Plan are to be retained and protected. Other sensitive areas of the site are to be identified and marked for protection prior to the commencement of works.

11.11 Spoil from earthworks, surplus to site requirements, shall be disposed of at an approved landfill site.

12. Exmouth Road Pedestrian Overbridge

12.1 The Requiring Authority will use its best endeavours to obtain all necessary resource consents to allow reinstatement of the existing Exmouth Road pedestrian overbridge in the same or a similar location but extended to provide access across the bus lane to the foreshore. If such consents are granted the Requiring Authority shall reinstate the overbridge prior to the consents lapsing.

13. Westlake Boys High School

13.1 The School accessway, adjoining the western boundaries of the Altona road properties and connecting the northern and southern playing fields, shall be constructed with a minimum width of 4m and designed so that service vehicles and pedestrians can obtain safe and convenient access.

13.2 The western embankment adjoining the southern playing fields of the School shall be planted with *Alnus incana* and *Alnus rubra* at a size and spacing to be detailed within the Landscape Mitigation Plan.

13.3 The Requiring Authority shall use its best endeavours to undertake construction of the works in the area adjoining the northern playing fields during the School Summer holidays (approximately 10 December – 31 January the following year).

14. Westlake Girls High School

14.1 The Requiring Authority shall use its best endeavours to ensure that the pin oak trees along the western boundary of the School are retained.

14.2 The Requiring Authority shall use its best endeavours to undertake construction of the works along the School boundary during the School Summer holidays (approximately 10 December – 31 January the following year).

15. Takapuna Normal Intermediate School

15.1 A permanent 1.8 metre close boarded and battened wooden fence shall be erected along the western boundary of the school (as identified in the **attached** plan titled "Building Locations Takapuna Normal Intermediate School") prior to commencement of construction of the Busway.

15.2 Where the operation of the Busway results in increases in traffic noise above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any existing Takapuna Normal Intermediate School classroom with windows open (identified in the **attached** plan), then the requiring authority shall implement mitigation measures which result in the noise level not exceeding either 45 dBA Leq, or the ambient noise levels existing prior to the establishment of the Busway, whichever is higher. This noise level shall be achieved together with the

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ventilation requirements of the New Zealand Building Code, Clause G4 and New Zealand Standard 4303:1990 'Ventilation Requirements for acceptable indoor air quality' and in particular the requirements for educational institutions.

15.3 The Requiring Authority shall provide for:

- a. Replanting, or replacement where replanting is not practicable, of trees along the western boundary that are required to be removed for construction of the Busway; and
- b. Planting along the inside of the 1.8 metre fence (as described in condition 15.1) to mitigate the visual impact of the fence.

16. Smales Farm

16.1 The requiring authorities shall consult with a liaison person appointed by Shea Investments Limited and Betty Leila Holdings Limited in respect of:

- a. The detailed landscape plan to be prepared for the Busway in the vicinity of Smales Farm, for the purpose of ensuring that the landscaping for the Busway is integrated with the landscape development of Smales Farm; and
- b. That part of the Traffic Mitigation Plan that relates to Shakespeare Road Extension and Westlake Bus Station.

17. T D Jane, L J & M F Bilton & A S & S J Church

17.1 Subject to access being granted by the landowners of the properties legally described as Lot 127, DP 56740 (CT 9C/703), Lot 128, DP 56740 (CT C/104) and Lot 129, DP 56740 ("the properties"), the Requiring Authority will implement the landscaping plan prepared by LA4 Landscape Architects for the properties (titled "Proposed Planting to Mitigate Busway" **attached**) and any amendments to the planting shown on the plan as reasonably agreed between the landowners and the Requiring Authority. Failing agreement within 12 months of completion of construction of the fence, the Requiring Authority shall implement the LA4 landscaping plan (or its equivalent in value).

17.2 The Requiring Authority shall construct a fence on the properties' western boundaries prior to construction of the Project commencing adjacent to the landowners properties. The fence shall have the following specifications:

- a. To be located along the properties' western legal boundaries at 2 metres above ground level (as at 16 May 2003) at 7 and 10 Altona Road, and at 2 metres and rising to 2.5 metres above ground level at the northern end at 9 Altona road, for the full length of the boundaries of those properties;
- b. To be constructed of exterior grade (marine) plywood having a thickness of 17.5 mm or more;
- c. Plywood panels to be bolted to a framework so as to ensure no gaps or cracks and to meet the surface of the ground at their lower edge;
- d. Fence posts and framework to be specified by engineering design;
- e. Transit shall construct gates in the fence if requested by the landowners of 7 and 9 Altona Road; and
- f. To be certified by an engineer as having a design life of 20 years (except that certification of the design life of the fence shall not apply to any gates requested to be constructed).

Advice note:

It is the Requiring Authority's intention to construct the fence as part of the enabling works during 2003 or by April 2004 at the latest.

17.3 Any construction activities exceeding the Construction Standard set out in condition 7.3 between chainage 13200 to 13000 shown on the designation plan "Harbour Bridge to Constellation Drive Designation Plans Westlake Boys High School, Drawing No. 7716C609" (the affected area") shall be undertaken between the hours of 8.00am – 6.00pm on weekdays only and shall exclude the two weeks following Christmas Eve. For the avoidance of any doubt, condition 7.5 relating to works exceeding the Construction Standard continues to apply to the landowners as affected parties.

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17.4 The Requiring Authority shall undertake earthworks in the affected area in one stage.

17.5 The Requiring Authority shall consult with the landowners on the mitigation plans referred to in the conditions 5, 6, 7, 8, 9, 10 and 11 on the designation insofar as the mitigation plans affect the landowners' properties

18. Bateman Property

Stormwater

18.1 As part of the busway construction works, Transit and NSCC shall provide the following measures to address stormwater effects:

- a. Transit shall pipe the existing drain from chainage 15100 down to 14960 (see Figs 1a – 1c, attached);
- b. Transit and NSCC shall widen by 4m the motorway side of the existing drain located on the eastern side of the motorway, from the level of the top of the present vertical concrete wall, from chainage 14960m to Sunnynook Road Culvert (as shown on the attached Figs 1a – 1c), such widening shall be at a grade as flat as possible from the existing concrete wall, consistent with efficient fall;
- c. NSCC shall use its best endeavours to reduce the volume of debris caught on the central wall of the Sunnynook Road Culvert by reshaping the leading edge of the central wall;
- e. Transit and NSCC shall undertake the following measures to avoid slope instability and scour:
 - i. Provide a batter toe restraint retaining wall to buttress the lower position of the batter;
 - ii. Construct a gabion wall or timber pole wall to support the toe restraint retaining wall; and
 - iii. To undertake grass seedling over the four metre widening of the berm.

Advice Note:

It is recorded that Mr Bateman has agreed to provide access to Transit and NSCC or their contractors to enable them to undertake any drainage improvement works required within or adjacent to the Bateman family property.

Noise

18.2 Transit shall construct a concrete 0.8 metre high barrier between the Busway and the property in compliance with the letter from Marshall Day Acoustics Limited dated 18 December 2002 (attached as Appendix 1). The detailed design of this barrier is to be finalized as part of the busway detailed design.

18.3 Transit shall construct a 0.8 metre high solid concrete New Jersey Barrier on top of the retaining wall between the motorway and the busway as also described in Appendix 1; the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.4 Transit shall construct a 1.8 metre high barrier at the rear of the Sunnynook Station between the proposed bus shelter and the end of the platform to mitigate any reflection of noise from the northbound bus shelter, the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.5 Transit agrees that any retaining wall to be constructed for the purposes of the Sunnynook Station shall be constructed from non-reflective materials to mitigate any potential noise effects.

Landscaping

18.6 Transit shall undertake screen planting, consisting of native trees, shrubs and ground cover between Sunnynook Station, the busway and the property, as shown on the attached plan (titled "North Shore Busway Project: Amended Landscape Development for Sunnynook Bus Station, Figure 2") to provide effective screening. The planting, including the planting shown on the embankment between the busway and the motorway, will be undertaken as soon as practicable following the construction works and within the first planting season to provide effective screening.

18.7 The landscaping and planting provided for under clause 18.6 shall be planted at Pb28 grade so that the plants are approximately 1.5 metres high when planted.

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18.8 All planting shall be tended and maintained to ensure the full establishment and effectiveness of the landscaping including replacement planting where necessary.

Attachments

No attachments.

6758 State Highway 1 - Constellation Drive Station

Designation Number	6758
Requiring Authority	New Zealand Transport Agency
Location	Southeast corner Constellation Drive and State Highway 1, Rosedale
Rollover Designation	Yes
Legacy Reference	Designation 170, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Constellation Drive Station - for the construction, operation and maintenance of roads, buildings, facilities and amenities and park and ride facilities (including a Busway control room and any ancillary structures, works and activities) for the purpose of providing a rapid transit facility for buses and high occupancy vehicles.

Conditions

Notice of Requirement 3 - Transit New Zealand – Constellation Drive

The conditions from Notice 1 listed below shall also apply to Notice 3 other than as varied below.

1. General Conditions (with appropriate amendments to refer to the separate assessments undertaken which specifically relate to the Constellation Drive Station).

1.10 A formal review of the adequacy of parking provision at the Station shall be carried out within twelve months of commencement operations at the Station and within a period of six months from any date if requested by the North Shore City Council. The review shall include preparation of a report by a suitably qualified and experienced traffic engineer analysing the on site car parking demand and supply situation based on surveys within and around the busway Station site and identifying any adverse effects and possible mitigation methods, which may form the basis for any further or amended conditions relating to car parking and parking management.

1.11 The Sunset Road access is to be limited to use by authorised busway users only, with appropriate signage being raised to this effect.

2. Duration Of Designation
3. PMP and Outline Plan
4. Archaeological Mitigation Conditions (other than 4.3 and 4.4)
5. Ecological Mitigation Conditions (other than 5.5, 5.6 and 5.7)
6. Landscape Mitigation Conditions
7. Noise Mitigation Conditions (other than 7.8)
8. Geotechnical Mitigation Conditions

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9. Vibration Mitigation Conditions
10. Traffic Mitigation Conditions (other than 10.1(ii), (iv) and (v), 10.2 and 10.3)
11. Construction Management Conditions

1. General Conditions

1.1 The scope and extent of the works envisaged within the designation shall be generally in accordance with the Notices of Requirement, the plans contained in "Volume 3 – A3 Plans" forming part of the documentation supporting the Notice of Requirement, and the relevant detailed plans in the Technical Reports in Volume 5, subject to the final design and the conditions set out below.

1.2 Prior to any works being commenced in particular location(s) of work, the Requiring Authority shall obtain all requisite resource consents for the location(s) affected under the Resource Management Act 1991.

1.3 Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.

1.4 At all times reasonable vehicular access shall be maintained to private properties not directly affected by construction and/or operation in the area affected. Where private properties are directly affected by construction and/or operations causing vehicular access to be temporarily prevented and no alternative can be utilised, the Requiring Authority shall ensure that the property owner is consulted with respect to the most suitable time for carrying out the work and the Requiring Authority shall minimise the period during which vehicular access is prevented.

1.5 A permanent liaison position from within the joint Project Governance Team of NSCC and the Requiring Authority will be appointed for the duration of the project. This person is to be available for ongoing consultation on all matters of concern to affected persons.

1.6 All contract documentation for physical works shall include reference to the designation conditions, any other resource consents (including conditions) and any approved mitigation or outline plan(s) held for the project.

1.7 Where requested by the owners, the Requiring Authority shall physically peg out the extent of the alignment in individually affected properties once the designation has been confirmed or all appeals have been determined, whichever is the later.

2. Duration of the Designation

2.1 In accordance with Section 184(1)(c) and Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of ten years, except for NOR 8 which will lapse on the expiry of five years, after the date on which it is included in the District Plan unless:

2.2 It is given effect to before the end of that period; or

2.3 The territorial authority determines, on an application made not later than three months before the expiry of that period; that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made and fixes a longer period to give effect to the designation.

3. Project Management Plans (PMP) and Outline Plans

3.1 The requiring authority shall prepare a PMP which shall include mitigation/management plans as referred to in conditions 5, 6, 7, 8, 9, 10 and 11. 3.2.

No works shall be undertaken in any particular location(s) until:

- a. The PMP, or such part(s) of the PMP as are relevant to the location(s) are approved in the manner provided

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for in condition 3.3; and

b. Any outline plan(s) required by section 176A of the Resource Management Act 1991 (*RMA*) in relation to the works in the location(s), are approved in the manner provided in condition 3.3. 3.3

Approvals pursuant to condition 3.2(a) shall be obtained from the General Manager of Environmental Services, North Shore City Council, and a senior regulatory officer of the NSCC who is at the time of the approval a member of the Project Governance Team for the management of the works (*the approval officers*).

Advice Note:

Where an outline plan or plans are required by section 176A RMA for works in any particular location(s) and the approval officers agree that the PMP or relevant part(s) of the PMP contains adequate details to satisfy section 176 RMA, then the Council may waive the requirement for an Outline Plan.

3.4 The works shall only be undertaken in accordance with an approved PMP and outline plan (where required).

3.5 If for any reason the PMP is not approved, the outline plan procedure under s 176A shall apply. For the avoidance of any doubt, the mitigation/management plans prepared under conditions 5, 6, 7, 8, 9, 10 and 11 shall be included with any outline plan lodged for approval pursuant to s 176A.

4. Archaeological Mitigation Conditions

4.1 If construction work uncovers any archaeological remains, the Requiring Authority will immediately advise local iwi and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. (All archaeological sites are protected under the provisions of the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without prior consent of the Historic Places Trust).

4.2 That all recorded archaeological sites and other cultural heritage sites in the vicinity of the works shall be clearly marked on the construction plans.

4.3 Any significant native trees removed from Smiths bush as part of the works to construct the busway shall be offered as gifts to Te Hao o Ngati Whatua and/or Ngati Whatua o Orakei.

4.4 Preliminary earthworks in the vicinity of Onewa Road and Sylvan Ave realignment will be monitored by a suitably qualified and experienced archaeologist.

5. Ecological Mitigation Conditions

5.1 The PMP shall include an Ecological Mitigation Plan prepared by a suitably qualified and experienced ecologist who shall have regard to:

- i. The recommendations contained in the audit by Shona Myers – Natural Heritage Scientist, ARC as to planting and the implementation of mitigation measures;
- ii. The planting of appropriate plant species as identified in ARC Technical Publication 148: Riparian Zone Management: Strategy for the Auckland Region, June 2001.

5.2 The Plan shall provide for:

- i. Planting in riparian zones where consent of the landowner is obtained;
- ii. Mitigation of potential coastal effects.

5.3 Wherever practicable, any disturbance of existing vegetation shall be avoided.

5.4 Where riparian vegetation disturbance cannot be practicably avoided, the Requiring Authority shall take care that any necessary disturbance is minimised as far as practicable. For the avoidance of doubt, this condition is not intended to prohibit necessary disturbance, which is defined as including, but is not limited to, vegetation

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clearance, the construction and operation of all roads, depots, storage facilities and spoil disposal areas.

5.5 The PMP shall include a plan of the proposed works within the eastern remnant of Smiths Bush in sufficient detail to determine the impact on existing vegetation and the Requiring Authority shall undertake its best endeavours to minimise the removal of vegetation from Smiths Bush.

5.6 All works within the eastern remnant of Smiths Bush shall be supervised by a suitably qualified and experienced arboriculturist.

5.7 As a means of attempting to retain the overall ecological viability of Smiths Bush, any vegetation removed from the eastern remnant of the bush shall be replaced where practicable in accordance with a native tree planting and maintenance regime approved under condition 3.3. and following consultation with appropriate staff at the Auckland Regional Council.

6. Landscape Mitigation Conditions

6.1 The PMP shall include a Landscape Mitigation Plan prepared by a suitably qualified and experienced landscape architect who shall have regard to:

- a. The Landscape Mitigation Plan prepared by LA4 Landscape Architects and contained in the Esmonde Interchange Project: Assessment of Environmental Effects Volume 10c; and
- b. The recommendations contained in the audits by Melean Absolum and Chris Boucher.

6.2 The Landscape Mitigation Plan shall provide for:

- a. The integration of the proposed works into the surrounding landscape;
- b. Appropriate consideration of the angle and extent of batter slopes;
- c. Appropriate screening of existing land-uses along Fred Thomas Drive;
- d. Design of borrow and disposal areas for excess fill to avoid significant visual impact, and to maximise integration with the general form of the surrounding landscape;
- e. Ecological mitigation measures (eg revegetation) required in accordance with the Ecological Mitigation Condition;
- f. Mitigation of effects on properties in the vicinity of the busway;
- g. Noise mitigation measures (eg noise barriers) required in accordance with the Noise Mitigation Conditions and the screening of such measures with planting between barriers and the busway carriageway;
- h. Detailed designs of the acoustic barriers, retaining walls, and earth bunds in conjunction with the engineers where necessary; and
- i. The identification of existing trees and vegetation sited on the boundary of the Busway designation that ought to be retained for screening purposes.

6.3 The Landscape Mitigation Plan shall include details of:

- j. All proposed planting (including species, species size, densities, areas and locations);
- k. The planting programme;
- l. The maintenance programme. This programme shall include details of weed control, performance standards specifying allowable percentage survival rates, and replacement of any planting features;
- m. The sufficiency of the soil medium to sustain all planting proposed; and
- n. An appropriate maintenance regime.

6.4 All landscape mitigation planting shall be implemented during the first planting season following completion of the project construction works providing climatic conditions are suitable, otherwise at the first practicable opportunity thereafter. Following completion of planting, the Requiring Authority shall submit to the North Shore City Council a report by the landscape architect on the implementation of the landscape plan.

6.5 Where practicable, any planting utilising native plants shall use plants genetically sourced from the ecological district.

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6.6 Exposed cut and fill batters and slopes shall be re-vegetated as soon as practicable after construction.

7. Noise Mitigation Conditions

7.1 The project shall, as a minimum standard, be designed and constructed to comply with the limits within the Transit NZ Guidelines for the Management of Traffic Noise for State Highway Improvements and with the acoustic report 'North Shore Busway Project, SH1 busway, Report No 97245B' by Marshall Day Acoustic Limited.

7.2 The PMP shall include a Noise Mitigation Plan prepared by a suitably qualified noise consultant. The purpose of the plan is to describe the methods by which noise associated with traffic using the roading and the bus stations within the designation will be made to comply with specified noise limits at all affected dwellings and schools in the vicinity of the area affected. Where the ambient sound level is required to determine design limits then this shall be done prior to construction commencing.

7.3 The Requiring Authority shall ensure that all construction works are carried out in accordance with NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

7.4 The PMP shall include a Construction Noise Management Plan. The purpose of the Plan is to describe the methods by which noise associated with the construction of the work will be managed to comply with condition 7.3 above. In particular, the Construction Noise Management Plan shall identify:

- a. The location of permanent acoustic fences to be installed prior to the commencement of the main construction works;
- b. Methods of managing noise;
- c. Noise monitoring methods, including details of methods, equipment, location and frequency;
- e. Contingency measures in the event of any incidence of non-compliance; and
- f. Procedures for handling noise complaints.

7.5 Where the requirements of condition 7.4 are unable to be met, the alternative strategies that have been developed following consultation with affected landowners will be implemented. Such alternatives may include, but not be limited to, temporary relocation of occupiers, compensation for occupiers and purchase of the affected properties.

7.6 Construction works shall at all times be undertaken in accordance with the Construction Noise Management Plan.

7.7 Where practicable, acoustic barriers required to meet Transit Noise Guidelines in particular locations, shall be erected prior to commencement of the construction works in those locations.

7.8 Where temporary acoustic barriers are proposed in the Marshall Day Report, and where their retention would result in effective traffic noise reduction for residents or educational facilities, they shall be built to a standard such that the barriers will be able to remain permanently in place at heights approved under condition 3.3, taking into consideration traffic noise reduction visual and landscaping factors and consultation with adjoining property owners.

7.9 Unless:

- a. Otherwise agreed between Ministry of Education (MOE) and the requiring authority; or
- b. MOE agrees to compensation with the Requiring Authority for the noise effects from the Busway and associated new works; where *additional* traffic noise resulting from the Busway or associated new works increases above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any classroom, then the requiring authority shall, immediately following commissioning of the Busway, implement mitigation measures which result in the noise level not *exceeding* 45 dBA Leq, or the ambient noise level *existing* prior to the establishment of the

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Busway, whichever is the higher. This noise level shall be achieved together with the ventilation requirements of The New Zealand Building Code, Clause C4.

8. Geotechnical Mitigation Condition

8.1 A Geotechnical Mitigation Plan shall be prepared by a suitably qualified Geotechnical Engineer in consultation with North Shore City Council. The plan shall be submitted to the North shore City Council prior to construction of any stage and shall take into account the recommendations of the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues' – November 2001.

9. Vibration Mitigation Conditions

9.1 The PMP shall include a Vibration Mitigation Plan having regard to the report prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001'. This Mitigation plan shall include details of how the works will comply with the requirement of German Standards DIN4150 "Structural Vibration in Buildings – Effects on Structures" during construction and shall take into account the recommendations.

9.2 A dilapidation survey of 'at risk' buildings, as per the recommendations of the audit prepared by Riley Consultants entitled 'Technical Review of Geotechnical and Civil Engineering Issues – November 2001', shall be undertaken prior to during and after completion of the construction works, provided the consent of any landowner and/or occupier can be obtained.

10 . Traffic Mitigation Conditions

10.1 The PMP shall include a Traffic Mitigation Plan based on its adopted design for the project. The Traffic Mitigation Plan shall include:

- a. Methods of mitigating the local and network wide effects of both the construction of individual elements of the project and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction;
- b. Methods of helping to accommodate the bus transport needs of pupils of Westlake Girls' High School through the development and operation of Westlake Station and the busway system, in the light of consultation with the School;
- c. Methods of limiting the use of the busway to emergency vehicles and no more than 350HOVs (excluding buses) per hour north of Esmonde Road, including a restriction on the access of HOVs through Constellation Drive Station to no more than 350HOVs;
- d. Details of a monitoring programme to be undertaken detailing the demand for car parking in the vicinity of the Sunnynook Station and Westlake Station prior to the opening of the Station and at regular intervals (a minimum of 2 per annum) for a minimum period of five years following the opening of the Station to the public and measures to manage any such demand. (This condition shall only apply to Notices of Requirement 8 and 9); and
- e. Details of pedestrian access to be provided within the Westlake Bus Station and along Shakespeare Road Extension. (This condition shall apply only to Notice of Requirement 8).

10.2 In order to prevent potentially significant traffic disruption during and after construction, the existing Onewa Interchange shall continue to be fully operational (that is in the manner in which it currently operates) until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

10.3 The public use of the Westlake Station shall not be allowed until such time as the works proposed as part of the Esmonde Interchange project have been completed and the Esmonde Interchange is fully operational.

11. Construction Management Conditions

11.1 The PMP shall include a Construction Management Plan which shall refer to all conditions imposed on any relevant resource consents granted by the Auckland Regional Council.

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11.2 The purpose of the Construction Management Plan is to set out methods by which any dust nuisance from construction will be avoided or minimised and by which the possibility of ground vibration during construction can be notified to adjacent land owners and occupiers. In particular, the Management Plan shall identify amongst other things:

- a. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- b. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measures are implemented;
- c. Procedures for prior notification of the use of machinery likely to generate vibration effects beyond the area of the designation to properties where ground vibration may be felt;
- d. The means by which loss of vehicle access to be (sic) properties will minimise inconvenience to each property owner affected following consultation with affected property owners;
- e. Methods of ensuring pedestrian safety along public footpaths and particularly where works are proposed in close proximity to any school;
- f. Procedures for handling any dust and ground vibration complaints; and

In respect of Takapuna Normal Intermediate School the Management Plan shall include measures to address the following, in consultation with the School:

- i. Preventing students from gaining access to the construction site via the parking area off Northcote road or Smiths bush by the erection of such gates or fencing as may be agreed to by the School and the Requiring Authority;
- ii. Control of construction traffic moving between the construction site and Northcote Road so as to encourage the safe movement of students along Northcote Road; and
- iii. Minimising any adverse effects of construction on the playing field, in particular, dust nuisance.

11.3 The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction and that a copy is kept at all site offices.

11.4 The Requiring Authority and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

11.5 The Requiring Authority shall advise neighbouring owners and occupiers in the vicinity of the affected area of the date on which construction is to start, the expected duration of the work, and the telephone number of Site Liaison Officer who is able to respond to queries.

11.6 The location and extent of each stage of the site works will be identified and the North Shore City Council advised of the construction timetable.

11.7 The earthworks contractor shall be required to maintain the stability of the land and property at the boundary of the site by the best practicable method and to monitor that such works are and remain effective.

11.8 Control measures shall be in place to ensure that any vehicles leaving the designated site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up as soon as practicably possible at the Requiring Authority's expense.

11.9 Adequate provision shall be made during the earthworks construction for the protection of the existing public drains that traverse the designation. It is the Requiring Authority's responsibility to remedy any damages to the public drains that may occur during construction.

11.10 Protected vegetation areas and trees identified in the Landscape Mitigation Plan are to be retained and protected. Other sensitive areas of the site are to be identified and marked for protection prior to the

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commencement of works.

11.11 Spoil from earthworks, surplus to site requirements, shall be disposed of at an approved landfill site.

12. Exmouth Road Pedestrian Overbridge

12.1 The Requiring Authority will use its best endeavours to obtain all necessary resource consents to allow reinstatement of the existing Exmouth Road pedestrian overbridge in the same or a similar location but extended to provide access across the bus lane to the foreshore. If such consents are granted the Requiring Authority shall reinstate the overbridge prior to the consents lapsing.

13. Westlake Boys High School

13.1 The School accessway, adjoining the western boundaries of the Altona road properties and connecting the northern and southern playing fields, shall be constructed with a minimum width of 4m and designed so that service vehicles and pedestrians can obtain safe and convenient access.

13.2 The western embankment adjoining the southern playing fields of the School shall be planted with *Alnus incana* and *Alnus rubra* at a size and spacing to be detailed within the Landscape Mitigation Plan.

13.3 The Requiring Authority shall use its best endeavours to undertake construction of the works in the area adjoining the northern playing fields during the School Summer holidays (approximately 10 December – 31 January the following year).

14. Westlake Girls High School

14.1 The Requiring Authority shall use its best endeavours to ensure that the pin oak trees along the western boundary of the School are retained.

14.2 The Requiring Authority shall use its best endeavours to undertake construction of the works along the School boundary during the School Summer holidays (approximately 10 December – 31 January the following year).

15. Takapuna Normal Intermediate School

15.1 A permanent 1.8 metre close boarded and battened wooden fence shall be erected along the western boundary of the school (as identified in the **attached** plan titled "Building Locations Takapuna Normal Intermediate School") prior to commencement of construction of the Busway.

15.2 Where the operation of the Busway results in increases in traffic noise above 45 dBA Leq (0830 to 1530 hrs Monday to Friday) in any existing Takapuna Normal Intermediate School classroom with windows open (identified in the **attached** plan), then the requiring authority shall implement mitigation measures which result in the noise level not exceeding either 45 dBA Leq, or the ambient noise levels existing prior to the establishment of the Busway, whichever is higher. This noise level shall be achieved together with the ventilation requirements of the New Zealand Building Code, Clause G4 and New Zealand Standard 4303:1990 'Ventilation Requirements for acceptable indoor air quality' and in particular the requirements for educational institutions.

15.3 The Requiring Authority shall provide for:

- a. Replanting, or replacement where replanting is not practicable, of trees along the western boundary that are required to be removed for construction of the Busway; and
- b. Planting along the inside of the 1.8 metre fence (as described in condition 15.1) to mitigate the visual impact of the fence.

16. Smales Farm

16.1 The requiring authorities shall consult with a liaison person appointed by Shea Investments Limited and

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Betty Leila Holdings Limited in respect of:

- a. The detailed landscape plan to be prepared for the Busway in the vicinity of Smales Farm, for the purpose of ensuring that the landscaping for the Busway is integrated with the landscape development of Smales Farm; and
- b. That part of the Traffic Mitigation Plan that relates to Shakespeare Road Extension and Westlake Bus Station.

17. T D Jane, L J & M F Bilton & A S & S J Church

17.1 Subject to access being granted by the landowners of the properties legally described as Lot 127, DP 56740 (CT 9C/703), Lot 128, DP 56740 (CT C/104) and Lot 129, DP 56740 ("the properties"), the Requiring Authority will implement the landscaping plan prepared by LA4 Landscape Architects for the properties (titled "Proposed Planting to Mitigate Busway" **attached**) and any amendments to the planting shown on the plan as reasonably agreed between the landowners and the Requiring Authority. Failing agreement within 12 months of completion of construction of the fence, the Requiring Authority shall implement the LA4 landscaping plan (or its equivalent in value).

17.2 The Requiring Authority shall construct a fence on the properties' western boundaries prior to construction of the Project commencing adjacent to the landowners properties. The fence shall have the following specifications:

- a. To be located along the properties' western legal boundaries at 2 metres above ground level (as at 16 May 2003) at 7 and 10 Altona Road, and at 2 metres and rising to 2.5 metres above ground level at the northern end at 9 Altona road, for the full length of the boundaries of those properties;
- b. To be constructed of exterior grade (marine) plywood having a thickness of 17.5 mm or more;
- c. Plywood panels to be bolted to a framework so as to ensure no gaps or cracks and to meet the surface of the ground at their lower edge;
- d. Fence posts and framework to be specified by engineering design;
- e. Transit shall construct gates in the fence if requested by the landowners of 7 and 9 Altona Road; and
- f. To be certified by an engineer as having a design life of 20 years (except that certification of the design life of the fence shall not apply to any gates requested to be constructed).

Advice note:

It is the Requiring Authority's intention to construct the fence as part of the enabling works during 2003 or by April 2004 at the latest.

17.3 Any construction activities exceeding the Construction Standard set out in condition 7.3 between chainage 13200 to 13000 shown on the designation plan "Harbour Bridge to Constellation Drive Designation Plans Westlake Boys High School, Drawing No. 7716C609" (the affected area") shall be undertaken between the hours of 8.00am – 6.00pm on weekdays only and shall exclude the two weeks following Christmas Eve. For the avoidance of any doubt, condition 7.5 relating to works exceeding the Construction Standard continues to apply to the landowners as affected parties.

17.4 The Requiring Authority shall undertake earthworks in the affected area in one stage.

17.5 The Requiring Authority shall consult with the landowners on the mitigation plans referred to in the conditions 5, 6, 7, 8, 9, 10 and 11 on the designation insofar as the mitigation plans affect the landowners' properties

18. Bateman Property

Stormwater

18.1 As part of the busway construction works, Transit and NSCC shall provide the following measures to address stormwater effects:

- a. Transit shall pipe the existing drain from chainage 15100 down to 14960 (see Figs 1a – 1c, **attached**);

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- b. Transit and NSCC shall widen by 4m the motorway side of the existing drain located on the eastern side of the motorway, from the level of the top of the present vertical concrete wall, from chainage 14960m to Sunnynook Road Culvert (as shown on the **attached** Figs 1a – 1c), such widening shall be at a grade as flat as possible from the existing concrete wall, consistent with efficient fall;
- c. NSCC shall use its best endeavours to reduce the volume of debris caught on the central wall of the Sunnynook Road Culvert by reshaping the leading edge of the central wall;
- e. Transit and NSCC shall undertake the following measures to avoid slope instability and scour:
 - i. Provide a batter toe restraint retaining wall to buttress the lower position of the batter;
 - ii. Construct a gabion wall or timber pole wall to support the toe restraint retaining wall; and
 - iii. To undertake grass seedling over the four metre widening of the berm.

Advice Note:

It is recorded that Mr Bateman has agreed to provide access to Transit and NSCC or their contractors to enable them to undertake any drainage improvement works required within or adjacent to the Bateman family property.

Noise

18.2 Transit shall construct a concrete 0.8 metre high barrier between the Busway and the property in compliance with the letter from Marshall Day Acoustics Limited dated 18 December 2002 (**attached** as Appendix 1). The detailed design of this barrier is to be finalized as part of the busway detailed design.

18.3 Transit shall construct a 0.8 metre high solid concrete New Jersey Barrier on top of the retaining wall between the motorway and the busway as also described in Appendix 1; the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.4 Transit shall construct a 1.8 metre high barrier at the rear of the Sunnynook Station between the proposed bus shelter and the end of the platform to mitigate any reflection of noise from the northbound bus shelter, the detailed design of this barrier is to be finalised as part of the busway detailed design.

18.5 Transit agrees that any retaining wall to be constructed for the purposes of the Sunnynook Station shall be constructed from non-reflective materials to mitigate any potential noise effects.

Landscaping

18.6 Transit shall undertake screen planting, consisting of native trees, shrubs and ground cover between Sunnynook Station, the busway and the property, as shown on the **attached** plan (titled “North Shore Busway Project: Amended Landscape Development for Sunnynook Bus Station, Figure 2”) to provide effective screening. The planting, including the planting shown on the embankment between the busway and the motorway, will be undertaken as soon as practicable following the construction works and within the first planting season to provide effective screening.

18.7 The landscaping and planting provided for under clause 18.6 shall be planted at Pb28 grade so that the plants are approximately 1.5 metres high when planted.

18.8 All planting shall be tended and maintained to ensure the full establishment and effectiveness of the landscaping including replacement planting where necessary.

Attachments

No attachments.

6759 State Highway 1 - Silverdale

Designation Number	6759
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Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 at Silverdale interchange, Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 401, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Motorway.

Conditions

No conditions.

Attachments

No attachments.

6760 State Highway 1 - Redvale to Silverdale

Designation Number	6760
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1, Redvale to Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 401, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Motorway.

Conditions

No conditions.

Attachments

No attachments.

6761 State Highway 1 - Silverdale to Puhoi

Designation Number	6761
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from Bankside Road, Silverdale to Titfords Bridge, Puhoi
Rollover Designation	Yes
Legacy Reference	Designation 401, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Motorway and limited access highway and associated interchange structures.

Conditions

1. General

1.1 That the scope and extent of the works envisaged within the designation be generally in accordance with the plans contained in Appendix C accompanying the notice of requirement dated 9 May 1994 (held on Vol 1 of RDC file No. L18810), subject to final design and any modification required to comply with the conditions set out below.

1.2 That the Regional Manager of Transit New Zealand recommend to the Transit New Zealand Authority that the realignment of State Highway No. 1 from Albany to Puhoi be treated as one integrated and complete project for funding and construction purposes.

1.3 That, prior to any stage being commenced, Transit New Zealand shall obtain all requisite resource consents required under the Resource Management Act 1991 and the Operative Rodney District Plan, and any authority necessary to modify any archaeological sites likely to be affected, from the New Zealand Historic Places Trust. The application to the New Zealand Historic Places Trust shall be made at least six months prior to the commencement of construction of each stage.

1.4 That Transit New Zealand and its contractors shall take all reasonable steps to prevent or mitigate any nuisance to adjacent properties during construction.

1.5 That any land taken or held for the works be maintained to a reasonable standard until physical works commence.

1.6 That at all times reasonable access be maintained to private properties not directly affected by construction and operation.

1.7 That the extent of land required to be taken for the designation, and to be acquired for mitigation purposes, be provisionally identified on the land forthwith, and that this information be made available to the affected property owners and occupiers and the Rodney District Council as soon as possible after the designation is confirmed. Prior to this provisional identification of land taking place, the liaison person (required by condition 1.9) shall have discussions with all affected land owners and occupiers, in order that the final alignment and all associated works are located to best mitigate, as far as practicable, any adverse effects on each property physically affected.

1.8 That the design and construction of the motorway in the vicinity of Bankside Road shall not preclude the option of a full intersection being constructed at this location in the future, or of provision being made for parallel service roads between Bankside Road and the proposed Link Road.

1.9 That a liaison person be appointed by Transit New Zealand to be the main and readily accessible point of contact for persons affected by the designation and construction works.

2. Noise Mitigation Actions

2.1 The highway shall be designed in accordance with Transit New Zealand's Guidelines for the Management of Traffic Noise - State Highway Improvements, November 1994. Where the noise standards could be exceeded, the appropriate noise reduction options identified in the Draft document shall be implemented.

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2.2 Construction noise shall meet the limits in, and shall be measured and assessed in accordance with NZS 6803P:1984 - The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work.

3.1 Prior to the commencement of construction, a detailed archaeological study of the provisionally identified route shall be undertaken, including field survey, completion of archival searches and subsurface testing where appropriate.

3.2 Appropriate provision is to be made to protect historical/archaeological sites in situ during construction. This will include the fencing off of sites adjacent to the route.

3.3 Transit NZ shall ensure that roading contractors are briefed regarding the location and significance of archaeological sites on or close to the selected route.

3.4 An archaeologist shall be appointed by Transit NZ to monitor the roadworks, particularly in those areas which cannot be adequately surveyed owing to dense bush cover. The role of the archaeologist will be to record archaeological evidence from any sites not located during the survey.

3.5 Transit NZ shall use its best endeavours to consult with the Tangata Whenua to achieve the implementation of the recommendations of the cultural impact assessment (Section 8.4 of the EIA). The following recommendations were made by Iwi:

3.5.1 That Transit New Zealand continue ongoing dialogue and liaise with Tangata Whenua during the detailed design phase.

3.5.2 That Transit New Zealand take on board the concerns expressed by Tangata Whenua with respect to safeguarding the violation of Waahi Tapu and other sacred sites.

3.5.3 That Transit New Zealand employ representatives of Tangata Whenua at the construction stage to act as Kaitiaki during earthworks, to ensure that no Waahi Tapu are violated.

3.5.4 That Transit New Zealand give an undertaking that no Urupa will be disturbed.

3.5.5 That Transit New Zealand purchase land in the vicinity of the alignment in consultation with Tangata Whenua, for the reburial of remains accidentally unearthed, and that this process be carried out according to Maori ceremony and kaupapa.

3.5.6 That areas defined by Tangata Whenua as being places of Mauri adjacent to the final route be set aside as reserve, and treated appropriately in conjunction with Tangata Whenua.

3.5.7 That traditional Maori names for the area, including geographic features along the final route, be reused and expressed in plans, road signs and maps.

3.5.8 That the Maori history of the area as defined by Tangata Whenua be promoted in any newsletter, publications or periodicals to do with the works.

3.5.9 That Transit New Zealand ensure that Maori spiritual values, especially of water are recognised and catered for in the design of the final route of road water, discharge and seepage.

3.5.10 That Transit New Zealand ensure that no nett effects of the new roadway as a result of design, construction or utilisation, will detrimentally affect kaimoana or fishing grounds along the rivers, estuaries or foreshore of local waterways.

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3.5.11 That Transit New Zealand allow for the substantial use of native plants and trees in its landscaping plans as buffer against adjoining landowners.

3.5.12 That Maori values be recognised as matters of national importance and that their concerns as expressed to Transit New Zealand be resolved in that light.

3.5.13 That Transit New Zealand undertaken to inform Tangata Whenua of any changes in policy, programme or design which may detrimentally affect them. A cultural consultant will be retained by Transit NZ to assist in this consultation.

3.6 Transit NZ shall pursue a proactive land purchase programme following confirmation of the designation and land surveys of the alignment.

4. Ecological Impact Actions

General

4.1 Transit New Zealand shall make use of bridges, as opposed to causeways or culverts, for the following river or estuary crossings: Orewa River, Otanerua Stream, and Waiwera River. Where possible construction of stream, estuary and river crossings shall minimise disturbance of the stream, estuary or river bed.

4.2 Appropriate sediment management techniques shall be implemented during construction. In areas that are particularly sensitive to sediment build up, consideration should be given to adopting the following methods:

- a. Minimisation of stock piling of loose soil where run-off into water courses could occur;
- b. Revegetation of any areas of exposed soil as quickly as possible;
- c. Control of run-off from working areas, ensuring that all such run-off passes through settling ponds before entering a water course;
- d. Retaining existing vegetation and wetlands to act as additional buffers between stormwater treatment areas and water courses;
- e. Careful storage and handling of construction material.

4.3 Transit NZ shall implement appropriate stormwater quality treatment systems as may be required by the Auckland Regional Council.

4.4 Transit NZ shall make provision for appropriate funding within the project estimate, for land purchase and fencing to protect the important ecosystems on the land identified as severance areas. If the project (inclusive of the said funding) is approved in the National Roding Programme, Transit NZ shall use its best endeavours to acquire this land by negotiation with the current owner, at a price advised to it by a registered valuer to represent market value, and failing such purchase, shall fund any purchase thereof by the Department of Conservation up to the sum approved as aforesaid. The land so acquired shall become reserve, which Transit NZ shall fence beside the State Highway on behalf of the Department.

4.5 Where the roadway passes through native bush areas careful detailed alignment and design of the roadway shall be undertaken to minimise habitat loss, wildlife isolation effects and construction impacts. Transit NZ shall consult with the Department of Conservation on these matters. Where, during the process of completing final design, it appears that minor alterations to the designation will:

- a. Better achieve the objectives of this condition without additional construction costs or adverse impacts on the efficiency of the proposed State Highway; or
- b. Reduce construction costs or improve traffic efficiency without adversely impacting on the achievement of the objectives of this condition then Transit NZ shall give full and proper consideration, in consultation with the Department of

Conservation and any owner or occupier of land directly affected by the proposed alteration, to the lodging of an

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application to alter the designation pursuant to Section 181 Resource Management Act. For the avoidance of doubt, Transit shall be at liberty to withdraw the application to alter the designation, if the territorial authority declines to alter the designation pursuant to Section 181(3) Resource Management Act. The native cover through these areas must be kept as close as practicable to the carriageway, and the carriageway maintained at a minimum width having regard to operational and capacity requirements.

4.6 In ecologically sensitive areas, plants, seeds and cuttings used for restoration work programmes should, where available, be taken from the same ecological district as the area where restoration is to be carried out and preferably, from as close as possible to the restoration site.

4.7 In carrying out plant pest control programmes, techniques that avoid or mitigate adverse effects on nontarget species and the environment in general should be used. Wherever possible, these should be of low toxicity and low residue.

Straka's Wildlife Refuge (Pond)

4.8 Transit NZ shall make provision for appropriate funding within the project estimate, for the purchase of a buffer strip up to 100 m in width between the roadway and the Pond. If the project (inclusive of the said funding) is approved in the National Land Transport programme, Transit NZ shall use its best endeavours to acquire this buffer strip by negotiation with the current owners, at a price advised to it by a registered valuer to represent market value, and failing such purchase, shall fund any purchase thereof by the Department of Conservation, up to the sum approved as aforesaid. Any land so acquired shall become reserve and Transit NZ shall fence it off from stock.

4.9 There shall be a 50 m minimum distance between the zone of construction disturbance and the Pond edge. 4.10 In order to minimise any adverse effects of construction, Transit NZ shall consult with the Department of Conservation, Rodney District Council, a consultant ecologist and, if possible, the land owner, when preparing the detailed design of the works in the vicinity of this refuge. Consideration shall be given to the following:

- a. Construction disturbance zones;
- b. Extent of cut and batter slopes;
- c. The need for any artificial retention structures;
- d. Bridging and culverts;
- e. Stormwater runoff (construction and operation);
- f. Silt ponds;
- g. Wetland filtration.

4.11 In order to reduce siltation of Straka's Pond, Transit NZ shall construct a silt pond system in the upper catchment and establish appropriate riparian vegetation along the connecting creek boundary. This system shall be constructed prior to the commencement of the works in the upper catchment above the pond, and shall be retained as a complement to Straka's Pond.

4.12 Transit NZ shall endeavour to arrange with the land owner, Mr C Wech, (at its own cost) the covenanting of the main block of bush west of the roadway, and shall endeavour to arrange for the planting of a dense buffer of appropriately mixed native vegetation in this area.

Otanerua Bridge

4.13 If the highway is approved in the National Roding Programme, Transit NZ shall construct a viaduct across the Otanerua stream. The bridge shall be capable of achieving an ecological corridor beneath the bridge of not less than 173 metres, measured horizontally, including revegetation of the embankment on the northern side. Measurement of the ecological corridor shall not include any land that is less than 5 metres below the viaduct carriageway superstructure.

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Protection of Willis Buffer Strip

4.14 If Transit NZ exercises the option it holds to acquire all of the Willis land on the eastern side of the highway, then if the highway is approved in the National Roding Programme, Transit NZ shall establish an ecological buffer strip beside the highway. The buffer strip shall be established by planting RAP type vegetation for habitat restoration on cleared areas, and by felling the pine trees within the buffer strip in the first summer season after acquisition, and revegetating that cleared land with RAP type vegetation in the autumn immediately following the felling of the pines.

4.15 Pending the exercise of the option and if Transit NZ decides not to exercise the option, Transit NZ shall use its best endeavours to acquire the buffer strip, and upon acquisition thereof if the highway is approved in the National Roding Programme, Transit NZ shall plant RAP type vegetation.

4.16 Transit NZ undertakes not to destroy or damage the existing vegetation within the buffer strip except in so far as it is within the batter slopes and/or the carriageway and/or it requires an access strip.

4.17 In the event of the sale by Transit NZ of the buffer strip, or any part thereof, Transit NZ undertakes to sell subject to a conservation covenant.

Median Strip

4.18 If Transit NZ does not acquire the buffer strip and if the highway is approved in the National Roding Programme, then it shall construct the highway to include a median strip, located south of Hillcrest Road and north of the Nukumea stream, of approximately 10 metres width and 250 metres in length to be planted with RAP type vegetation.

4.19 If the Eder severance land is acquired by Transit NZ and it is intended that access will be provided to the Haines House Haulage land over the Eder severance land, then Transit NZ shall transfer the balance of the Eder land to the Department of Conservation pursuant to the condition relating to severance land below.

Waiwera Bridge

4.20 If the highway is approved in the National Roding Programme, Transit NZ shall construct a bridge at Waiwera no less than 350 metres in length, and the abutment on the northern side of the bridge shall abut directly onto unfilled land.

4.21 Transit NZ shall consult with the Department of Conservation and the Auckland Conservation Board in the process of final design, with a view to maximising the ecological corridor on the northern bank of the Waiwera River.

Severances

4.22 If the highway is approved in the National Roding Programme, Transit NZ shall use its best endeavours to acquire severance lands, by negotiation with the current owners at prices advised to it by a registered valuer to represent market value, and failing such purchase, shall fund any purchase thereof by the Department of Conservation up to the sum aforesaid, should the Department of Conservation, wish to acquire the land. Any land so acquired shall become reserve, which Transit NZ shall fence beside the highway on behalf of the Department of Conservation, if required by the Department of Conservation.

Kett Land

4.23 If the highway is approved in the National Roding Programme, Transit NZ will use its best endeavours to acquire the Kett land at market value assessed in the manner referred to in the condition relating to severances above, and Transit NZ shall only sell the balance of the Kett land subject to a conservation covenant.

5. Visual Impact Mitigation Actions

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5.1 Restoration of the construction areas shall be an essential part of the project. The restoration shall include grassing and other planting for slope stability, together with landscape planting for the visual enhancement of the new road.

5.2 All borrow or disposal areas for excess fill shall be designed to avoid significant impact on the environment, be in keeping with the general form of the surrounding landscape and be restored, in consultation with the affected landowners, as described in Condition 5.1.

5.3 In carrying out the detailed design for the alignment, Transit NZ shall take advice from a practising landscape architect and shall pay particular attention to:

- a. The angle and extent of cut and batter slopes
- b. Possible purchase of additional land to achieve better slope integration
- c. Oblique cuts through highly visible ridge lines
 - i. In order to achieve, as far as practicable, unity between the road and the surrounding landscape
 - ii. And shall prepare, with advice from a practising landscape architect, and in due course implement, a planting plan which will integrate the road into the various landscape characters through which it passes.

This advice shall be taken in order to achieve, as far as practicable, unity between the road and the surrounding landscape, and shall prepare with advice from a practising landscape architect, and in due course implement, a planting plan which will integrate the road into the various landscape characters through which it passes.

6. Property Owned by Mr and Mrs Eder

6.1 For the purpose of assisting Mr and Mrs Eder to preserve a residential building site on their land, the plan contained in Appendix C accompanying the notice of requirement dated 9 May 1994, shall be modified so that the designation boundary is relocated in the position identified in the plan attached to these conditions. (Note: No plan attached. The designation boundary on Planning Map 21 includes this modification.)

Attachments

No attachments.

6762 Quarry - State Highway 1, Pohuehue

Designation Number	6762
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 (north of Cowan Bay Road), Pohuehue
Rollover Designation	Yes
Legacy Reference	Designation 402, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Quarry.

Conditions

No conditions.

Attachments

No attachments.

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6763 State Highway 1 - Puhoi to Topuni

Designation Number	6763
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 from Titfords Bridge, Puhoi to Ross Road (Kaipara District Council boundary), Topuni
Rollover Designation	Yes
Legacy Reference	Designation 404, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

State Highway 1.

Conditions

No conditions.

Attachments

No attachments.

6764 State Highway 1 Road Widening - Hudson Road, Warkworth

Designation Number	6764
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 intersection with Hudson Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 404A, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Road widening.

Conditions

1. General

1.1 Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority, being the New Zealand Transport Agency (NZTA), the Notice of Requirement and supporting documents, as follows:

- a. "State Highway 1 Warkworth — Hudson Road/State Highway 1 Intersection Upgrade — Alteration to Designation — "SH 1 Region RS 363, Warkworth Stage 1 Intersection Improvements RP 363/1/31/SH1 and Hudson Road," prepared for NZTA and RDC by Opus International Consultants Ltd, comprising of plans:
 - i. Plans titled "Concept Layout — Sheets 1-5," and referenced "Feature Identifier 1/21/40, Code 6104, Revision RO".

1.2 The period within which this alteration to designation shall lapse if not give effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act, 1991 as

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amended.

2. Outline Plans of Work and Management Plans

2.1 Prior to the commencement of works, the Requiring Authority shall submit to the Resource Consents Manager of Rodney District Council the relevant Management Plans required under Conditions 3 (Construction), 4 (Noise), 6 (Construction Traffic) and 8 (Urban Design and Landscape), below.

2.2 The approval in writing of all the above Management Plans referred to in condition 2.1 above may also, if considered appropriate by the Resource Consents Manager of Rodney District Council, be deemed to be a waiver, in whole or part, pursuant to Section 176A(2)(c) of the RMA of the requirement for an Outline Plan of Works under section 176A. If such a waiver is sought through the management plan approvals, this should be stated in writing when these management plans are submitted for approval.

2.3 The works shall be undertaken in accordance with the approved Management Plan or accepted Outline Plan of Works (as the case may be).

3. Construction

3.1 At least 10 working days prior to commencement of works on the project, the Requiring Authority shall prepare and submit for approval to the Resource Consents Manager of Rodney District Council, a Construction Management Plan (CMP). The purpose of the CMP is to set out the management procedures and construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities. The submission and approval of detailed engineering plans shall also be undertaken through the CMP approval.

3.2 The CMP shall be implemented and maintained throughout the entire construction period. The CMP shall include specific details relating to the construction and management of all works associated with the Project, including;

- a. Details of the site or project manager, including their contact details (phone, facsimile, postal address, e-mail address);
- b. The location of large notice boards that clearly identify the name, telephone number and address for service of the site or project manager;
- c. An outline construction programme of the works indicating in particular likely time periods for road closures and anticipated traffic diversion effects;
- d. A tree protection methodology with arboricultural input, which ensures no damage occurs to the trees along the Showgrounds boundary and the boundary of Lot 1 DP 150324 that are otherwise unaffected by the Project throughout the entire construction period;
- e. Any means of protection of services such as pipe and watermain within the legal road;
- f. Measures to be adopted to maintain the land in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of building materials and similar construction activities;
- g. Location of workers offices and conveniences (e.g. portaloos);
- h. Procedures for controlling sediment run-off, dust and the removal of soil, debris and demolition and construction materials from public roads and places. Dust mitigation measures should include use of water sprays to control dust nuisance on dry or windy days;
- i. Procedures for ensuring that residents in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration of the works; and
- j. Means of ensuring the safety of the general public.

3.3 Upon completion of the upgrade project, the Requiring Authority shall submit to the Resource Consents Manager of the Rodney District Council as-built plans in relation to all construction works undertaken as part of the intersection upgrade.

4. Noise

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Construction Noise

4.1 The CMP shall include a Construction Noise and Vibration Management Plan (CNVMP) describing the measures adopted to as far as practicable meet the requirements of the NZS6803:1999 Acoustics — Construction Noise. The CNVMP shall be submitted to and approved by Rodney District Council's Environmental Health Officer prior to any works commencing on the upgrade. The CNVMP shall refer to noise management measures set out in Appendix E of NZS6803:1999, and as a minimum shall address the following:

- a. Construction sequence;
- b. Machinery and equipment to be used;
- c. Hours of operation, including time and days when noisy construction work would occur;
- e. The design of noise mitigation measures such as temporary barriers or enclosures;
- f. Construction noise limits for specific areas;
- g. Development of alternative strategies where full compliance with NZS6803:1999 cannot be achieved, including consultation with residents and other occupiers to achieve acceptable outcomes.
- h. Methods for monitoring and reporting on construction noise.
- j. Onsite contact for local residents and operations;
- k. Where an activity is predicted to generate noise levels above the limits prescribed in NZS 6803:1999, the Requiring Authority shall provide a site specific construction noise and vibration management plan. This plan shall describe the noise mitigation and management measures which will be implemented by adopting the best practicable option in accordance with section 16 of the RMA.

4.2 Every reasonable effort shall be made to notify residents/ occupiers of properties situated within 50m of the construction site in writing at least 3 days prior to the commencement of the proposed works, including information of duration and type of noise activities. A contact telephone number shall be provided to these residents/ occupiers and a complaint monitoring procedure shall be established so that complaints relating to individual contractors are managed centrally.

Operational Noise

4.3 A Noise Management Plan (NMP) shall be prepared by a suitably qualified acoustic expert for the purposes of avoiding, mitigating or remedying adverse noise effects from the operation of the project following its construction.

4.4 The NMP shall include general measures, which shall include but not be limited to the installation of noise attenuation barriers or low noise road surface material, to the extent necessary to achieve at a minimum, compliance with the NZTA (Transit New Zealand) "Guidelines for the Management of Road Traffic Noise — State Highway Improvements" (December 1999).

Noise Monitoring

4.5 As required by the NZTA (Transit) Noise Guidelines, measurements of noise levels existing prior to construction shall be used to establish ambient noise levels. The result of 24 hour ambient noise measurements at one (1) position within 50m of the project, together with site maps detailing measurement positions and key data on measurement conditions shall be forwarded to the Council prior to the commencement of construction. Measurements shall be undertaken by a suitably qualified person and the results, together with the site maps and photographs detailing the measurement position and key data, shall be forwarded to the Rodney District Council.

Compliance Monitoring

4.6 Following completion of the work, the Requiring Authority shall arrange for an appropriately qualified person to undertake monitoring of the level of traffic noise at the above one (1) position for which ambient noise level data has been previously recorded, within a period between 2 and 3 years following completion of construction of the Work, but not post construction of the Western Collector Route. The Requiring Authority shall report the findings of monitoring to the Rodney District Council. If as a result of this, non-compliance with the NZTA Guidelines is identified, then specific measures shall be adopted to achieve compliance.

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5. Vibration

5.1 The CNMVP shall describe how the vibration standards of the German Standard DIN 4150 shall be met as far as practicable, and shall address the following aspects:

- a. Vibration monitoring measures;
- b. Criteria;
- c. Possible mitigation measures;
- d. Complaint response;
- e. Reporting procedures;
- f. Notification and information for the community of the proposed works;
- g. Vibration testing of equipment to conform that the vibration limits will not be exceeded;
- h. Location for vibration monitoring when construction activities are adjacent to critical buildings;
- i. Operational times;
- j. Preparation of dilapidation reports on critical dwellings prior to, during and after completion of works.
- k. Site specific CNVMPs where required to address potential exceedances of the vibration standards.

Operational Vibration

5.2 Vibration levels of the existing operations at the existing State Highway 1 operations shall be measured by a suitable qualified person at not more than one nominated critical location, and submitted to the Rodney District Council, prior to the commencement of works. These baseline measurements will provide levels for current use and for comparison with future levels.

6. Construction Traffic

6.1 The CMP shall include a Temporary Traffic Management Plan (TTMP), for the project, which shall be prepared by a suitably qualified expert(s). The TTMP shall be submitted to and be approved by the Rodney District Council prior to the commencement of works.

6.2 The TTMP shall be implemented and maintained throughout the entire construction period. The TTMP shall include details relating to:

- a. Methods of mitigating the local and network wide effects of both construction of individual elements of the Project, and the use of staging to allow sections of the project to be opened to traffic while other sections are still under construction.
- b. Methods to manage the effects if the delivery of construction material, plant and machinery.
- c. The numbers, frequencies and timing of construction traffic movements.
- d. Methods to manage the effects of traffic that is required to detour or be diverted during construction, in particular seeking to minimise effects on residential and commercial areas.
- e. Contingencies for traffic diversion.
- f. Consultation with Rodney District Council with regard to the most appropriate means for providing access on Council roads within and adjacent to the designation.
- g. Identification of any existing on-site parking and manoeuvring areas which are affected by the works. Then, as far as practicable, and in consultation with Rodney District Council and the affected land owner, identify how the affected areas will be relocated or reinstated to achieve compliance with the District Plan or to similar standard to that existing.
- h. Where necessary, provision of alternative access arrangements as far as practicable, and in consultation with Rodney District Council and the affected landowner.
- i. Details on the maintenance of pedestrian access and thoroughfare to be maintained on all roads and footpaths adjacent to the construction works where practicable. Such access shall be safe and clearly identifiable. Specific measures shall also be provided to mitigate the effects of construction works on pedestrians and cyclists.
- j. Consistency with the NZTA (Transit New Zealand) "Code of Practice for Temporary Traffic Management" (COPTTM).
- k. Provision of pedestrian access/egress to properties adjacent to the works at all times.

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7. Archaeological and Heritage

7.1 Subject to condition 7.2, if any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. The Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust and the Rodney District Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not commence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historical Trust is obtained.

7.2 Condition 7.1 shall not apply where the Requiring Authority holds all relevant approvals under the Historical Places Act 1993, apart from the requirement to contact the New Zealand Police in the event of discovery of human remains.

8. Urban Design and Landscape Mitigation

8.1 Prior to the commencement of works on the project, the Requiring Authority shall submit to the Rodney District Council and have approved in writing an "Urban Design and Landscape Mitigation Plan" (UDLMP).

This UDLMP shall be prepared by a suitably qualified expert(s) and shall take into account the following:

- a. NZTA's "Guidelines for Highway Landscaping" (September 2006); and
- b. NZTA's "Urban Design Implementation Principles" (2006).

8.2 The UDLMP shall in particular provide for:

- a. The integration of the permanent works into the surrounding landscape;
- b. Mitigation of effects on properties in the vicinity of the alignment;
- c. Pedestrian and cycle linkages proposed in respect of the project;
- d. Retention or relocation of existing trees where practicable;
- e. Replacement planting or mitigation for loss of trees that are protected by the general provisions of the District Plan; and
- f. The outcomes of any consultation undertaken with the Rodney District Council.

8.3 The UDLMP shall be prepared in general accordance with the "Landscape Mitigation Plans" prepared by Opus International Consultants Limited, referenced PA2847-SH1, dated June 2009, and shall include the following:

- a. An Urban Design Framework that depicts the overall urban design concept, the design intent, layout and mitigation proposals, and
- b. Landscape and Urban Design Details — these shall include:
 - i. Identification of vegetation to be retained and removed;
 - ii. Proposed planting, including plant species, mixes, spacing/densities, sizes (large specimen trees shall be used, of at least pb95 size at time of planting) and layout,
 - iii. Planting programme — the staging of planting in relation to the construction programme; and
 - vi. A maintenance programme providing specific measures as how the planting will be maintained following its establishment for 3 years thereafter for specimen trees and for 2 years thereafter for other planting.

8.4 The works as set out in the UDLMP shall be implemented as soon as practicable and works shall be completed no later than 12 months after the practical completion date of the Project.

Advice Notes

1. The Requiring Authority needs to obtain all other necessary consents and permits and comply with all

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relevant Council bylaws.

2. Under the Historic Places Act 1993, an Authority is required from the NZ Historical Places Trust before any work commences which may destroy damage or modify the whole or any part of an archaeological site or sites.

3. Applications for resource consent to the Auckland Regional Council will be sought for the following activities:

- a. Earthworks; and
- b. Stormwater discharge.

4. The Requiring Authority (NZTA) proposes to undertake the works authorised by these designation conditions as a joint project with the Rodney District Council (RDC) which is the relevant Requiring Authority for the related local road improvements. The RDC has a separate (but nearly identical) set of designation conditions authorising the works for which it is responsible.

Attachments

No attachments.

6765 State Highway 1 - Wayby Valley Road, Wellsford

Designation Number	6765
Requiring Authority	New Zealand Transport Agency
Location	State Highway 1 intersection with Wayby Station Road and Wayby Valley Road, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 404B, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

State Highway 1 / Wayby Valley Road / Wayby Station Road intersection.

Conditions

General

1. Conditions 2 to 12 inclusive are applicable only to the alteration to the designation (404B) and not to the designation in its entirety (404) and shall only apply until such time that construction is completed.

2. That the scope and extent of the works within the designated area be generally in accordance with the Notice of an Alteration to a Designation, dated 14 April 2011, as shown in Attachment 1 — Land Designation Plan (Drawing No. 51-29153-SK001), and in accordance with the conditions set out below.

Construction

3. Any variation or changes to the engineering plans provided with the Notice of Requirement shall be submitted for approval to the Auckland Council's Development Engineer, Northern Resource Consenting and Compliance (Orewa Service Centre) as an Amendment and approval received thereto prior to construction of the varied works.

The term 'engineering works' includes, but is not limited to:

- a. The formation of roads, the laying of pipes and other ancillary equipment to be vested in the Council for water supply, drainage or sewage disposal;

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- b. Street lights, landscaping or structures on land vested, or to be vested, in the Council;
- c. The installation of gas, electrical or telecommunication reticulation including ancillary equipment; and
- d. Any other works required by conditions of this consent.

As built record plans to requirements of the Council's "Standards for Engineering Design and Construction" shall be submitted to the Consents Engineer on completion of the works. Note: Engineering Plan approvals, monitoring of construction and processing of As Built plans will be subject to charges in terms of the Schedule of Fees and Charges determined from time to time by the Council.

4. The Applicant's Representative shall give the Auckland Council's Consents Field Supervisor at least 5 working days notice of the on-site pre-construction site meeting (refer section 103.15 of the "Standards for Engineering Design and Construction"). Construction work shall not commence on the site until such meeting has been held and all necessary documentation presented.

Note: Attention is drawn to the requirements of section 103.15.3 "Standards for Engineering Design and Construction" for the following documentation to be presented at the preconstruction meeting:

- a. Approved engineering plans and copy of approval letter;
- b. Health and Safety Plan;
- c. The Signed Road Opening Notice;
- d. The relevant Resource or Subdivision Consent (and all conditions attached thereto); and
- e. Signed copies of all Consents to Enter for Construction for works on land (including Council land) not owned by the consent holder.

5. A detailed Health and Safety Plan to the requirements of the Health and Safety in Employment Act 1992, specifically addressing control of works on and adjacent to public land, and the protection of the public, shall be submitted to the Auckland Council's Consents Engineer prior to the commencement of any works on the site (refer s.109.1 of the "Standards for Engineering Design and Construction"). A copy of the Health and Safety Plan shall be kept on the site at all times. All measures for the protection of the public and other personnel set out in the Plan shall be maintained and complied with at all times until such time as the works are completed.

6. A detailed Traffic Management Plan in accordance with the Code of Practice for Temporary Traffic Management specifically addressing control of construction access to the site and traffic control adjacent to the site, and the protection of the public, shall be submitted to the Auckland Council Consents Engineer.

Verification that it meets the Council's requirements shall have been received in writing, prior to the commencement of any works on the site (refer s.109.2 of the "Standards for Engineering Design and Construction".) A copy of the Traffic Management Plan, together with the verification letter shall be kept on the site at all times. A copy of the Traffic Management Plan shall also be forwarded to the Auckland Transport Operations Team for information purposes. All measures for the protection of the public and other personnel set out in the verified Plan shall be maintained and complied with at all times until such time as the works are completed.

Construction Management Plan

7. Prior to the commencement of any earthworks or construction activity associated with the upgrade of the intersection (excluding site investigations), the NZTA shall submit a Construction Management Plan (CMP) to the Auckland Council's Northern Resource Consenting and Compliance Team (Orewa Service Centre) two weeks prior to construction commencing. Any amendments to the CMP required by the Auckland Council's Northern Resource Consenting and Compliance Team (Orewa Service Centre) shall be requested in writing prior within the two week period. The Construction Management Plan shall included the procedures, methods and measures to be applied to address the following:

- a. Notification to the Auckland Council, Auckland Transport, network utility operators, and the owners and occupier of all properties with direct access off that area of SH1 and Wayby Station Road affected by the

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proposed work of the likely commencement date for the works and expected timeframe of the construction programme;

- b. Provision of a single point of contact to field general enquiries and complaints from the public and maintenance of a complaints register. The liaison person's name and contact details shall be advised to Auckland Council and all owners and occupiers of properties with direct access off the proposed area of works;
- c. Management procedures to be implemented by the NZTA and its contractors to minimise dust emissions, including monitoring, auditing and reporting procedures;
- d. Parking and loading of construction related vehicles during the period of construction;
- e. Provision of access for emergency vehicles; and
- f. Hours of operation of trucks and service vehicles and methods to be employed to address the effects of construction traffic on local roads.

The Construction Management Plan may be submitted in stages in accordance with the construction programme. The NZTA and contractors shall implement the Construction Management Plan at all times.

Construction Noise

8. Noise generated by the construction works associated with the upgrade to the SH1, Wayby Valley Road and Wayby Station Road intersection shall, where practicable, comply with New Zealand NZS 6803:1999 "Acoustics — Construction Noise". Where compliance with this standard is not practicable, alternative methodologies that will minimise the adverse effects shall be developed in consultation with the owners and/or occupiers of the affected properties.

Management of Effects on Utilities, Continuity of Supply

9. During the design of the project the NZTA shall give reasonable notice and make all reasonable endeavours to:

- vii. Liaise with all relevant network utility operators in relation to any part of the works within the designation where infrastructure may be affected.
- viii. Make all reasonable changes requested by network utility operators to the relevant design plans and methodologies, to ensure that access to, maintenance and the operation of all network utility infrastructure within the designated area is not adversely affected.

Works on Public Land

10. Reinstatement of the surface(s) within or adjoining public land including legal road shall be completed as soon as possible on completion of the works affecting the said surface(s), and until such reinstatement is completed the requirements of the verified Traffic Management Plan and Health and Safety Plan shall be complied with in all respects.

Silt retention

11. Before commencement of any works, adequate silt retention structures as detailed in drawings submitted with the application (Drawing No. 51-29153-C109) shall be installed. These structures shall be maintained and cleaned out as necessary until such time as complete grass cover, or other non-erodible surfacing, has been re-established over the site.

Archaeological Remains

12. In the event that any archaeological sites, remains, artefacts, taonga are unearthed, dislodged, uncovered or otherwise found or discovered during the earthworks, NZTA shall:

- a. Advise the Heritage Specialist — Environmental Services of the Auckland Council;
- b. Cease works in any part of the site affected by the discovery;
- c. Contact NZ Police, Coroner, Tangata Whenua and Historic Places Trust as appropriate; and
- d. Not recommence works in any part(s) of the project site affected by the discovery until all necessary statutory authorisations or consents are obtained and protocols for undertaking earthworks have been observed.

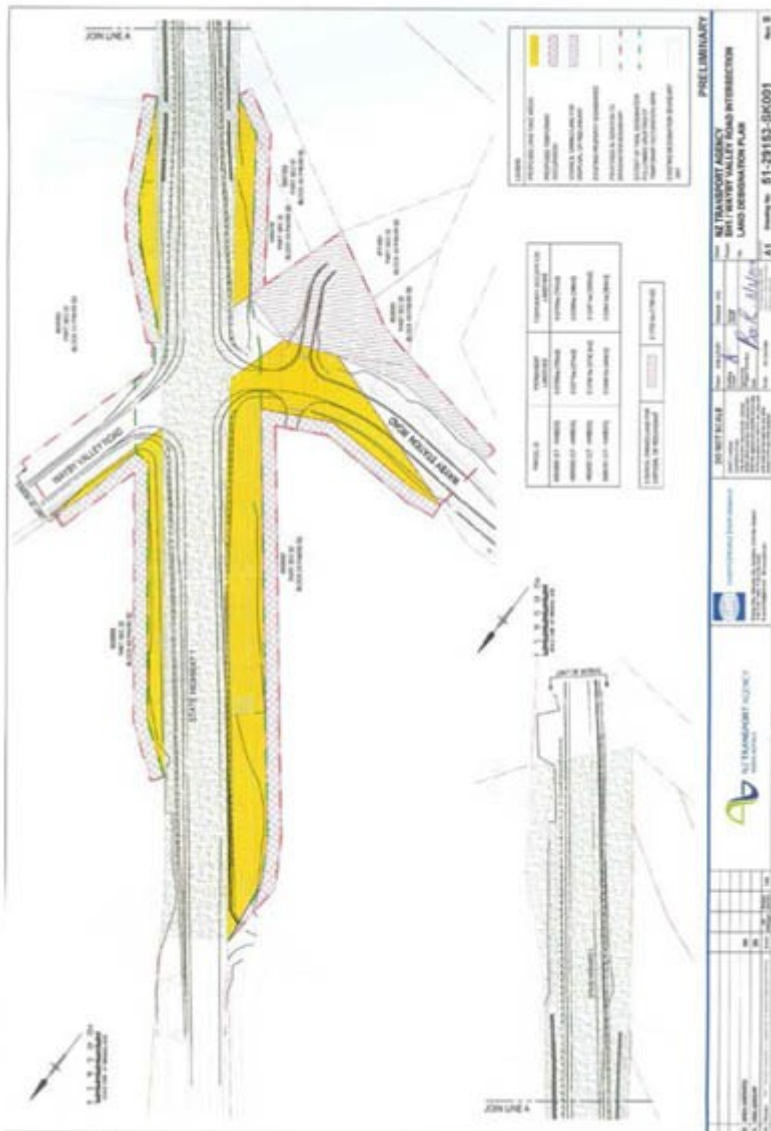
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Advice Notes

1. The Requiring Authority needs to obtain all other necessary consents and permits and comply with all relevant Council bylaws.

Attachments

Map in Rodney District Plan Appendix 15AD: Chapter 15 p4



6766 State Highway 16 - Hobsonville to Wellsford

Designation Number	6766
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 from Brigham Creek, Hobsonville to State Highway 1, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 405, Auckland Council District Plan (Rodney Section) 2011

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

State Highway 16.

Conditions

No conditions.

Attachments

No attachments.

6768 State Highway 16 Road Widening - Kumeu/Huapai

Designation Number	6768
Requiring Authority	New Zealand Transport Agency
Location	State Highway 16 (Main Road), Kumeu and Huapai
Rollover Designation	Yes
Legacy Reference	Designation (no number) listed under Road Widenings in Chapter 15, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Five years from being included in the operative Unitary Plan unless given effect to prior

Purpose

Road widening.

Conditions

No conditions.

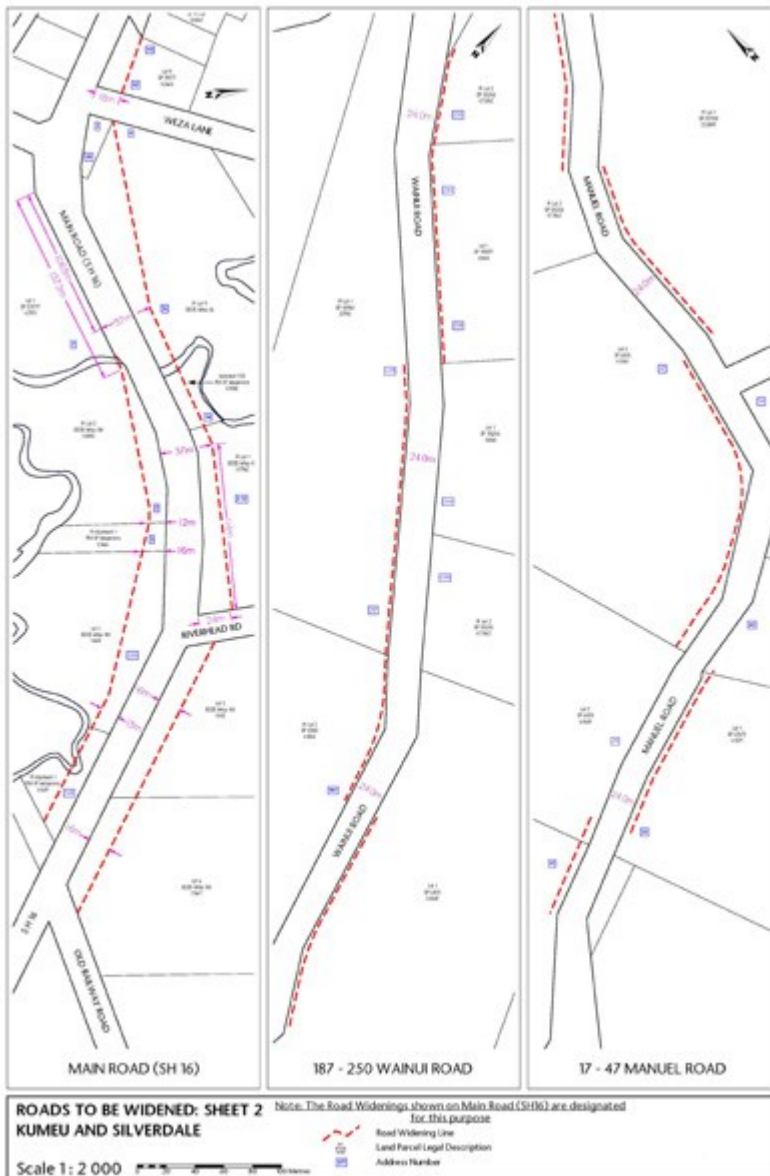
Attachments

Sheet 1 (Drawings 1-3) and 2 (Drawing 1 only)

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Prime Minister

Designation Schedule - Prime Minister

Number	Purpose	Location
7100	Government House ...	119 Mountain Road, Epsom

7100 Government House

Designation Number	7100
Requiring Authority	Prime Minister
Location	119 Mountain Road, Epsom
Rollover Designation	Yes
Legacy Reference	Designation D08-24, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Government House is used for vice regal purposes, as the Auckland residence of the Governor General.

The following is a list of activities that fall within in the designation of Government House:

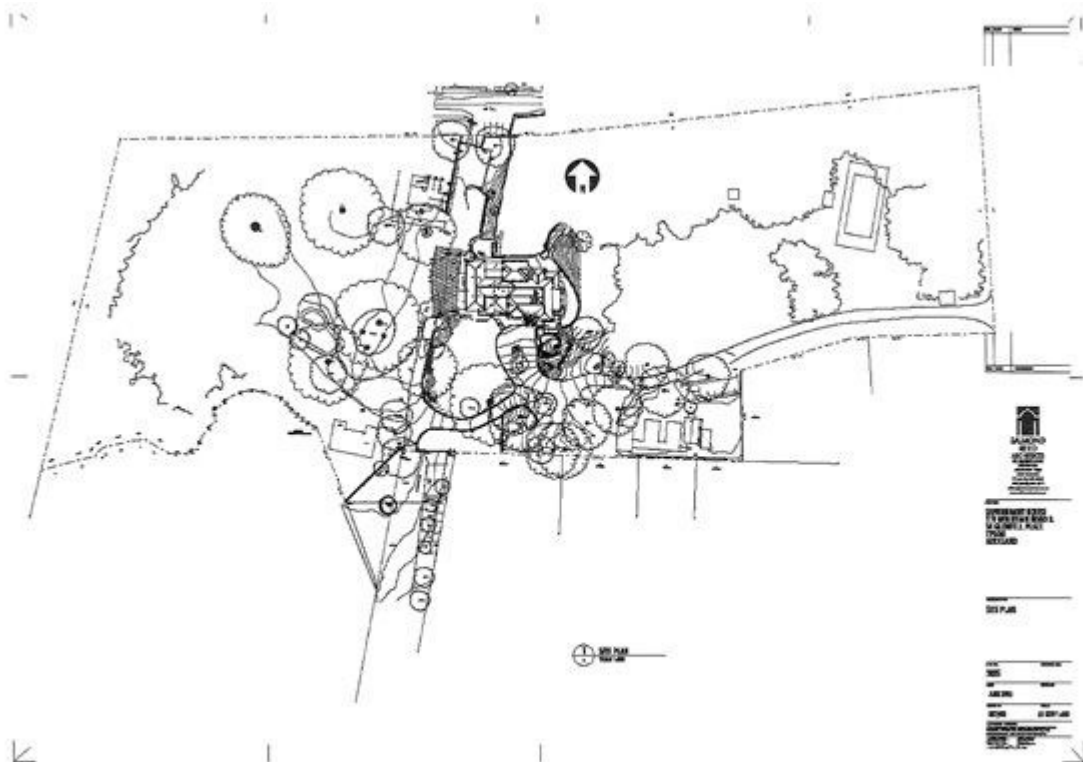
- a. Uses associated with the general functioning of the official residence of the Governor General and their household including staff;
- b. Official receptions, charity functions and garden parties;
- c. Accommodation and provision of facilities for official guests;
- d. Office accommodation of a sufficient nature and scale to ensure the operation of the office of Governor General;
- e. Garaging and parking of vehicles associated with the operational use of Government House; and
- f. The conservation of the amenities of the site and the maintenance of the concept of the garden.

Conditions

1. Any new buildings, activities or works that are not described in the original notice of requirement will need either:
 - a. A new notice of requirement; notified to the public under section 168 of the RMA; or
 - b. A notice to alter the designation, under section 181 of the RMA.
2. The rules within the Unitary Plan regarding scheduled trees will apply to this designation.
3. The rules within the Unitary Plan regarding significant ecological areas will apply to this designation.

Attachments

Site Plan



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Radio New Zealand Ltd

Designation Schedule - Radio New Zealand Ltd

Number	Description	Location
7300	Telecommunication and radiocommunication facilities	2-12 Selwood Road (corner of Triangle Road), Henderson
7301	Telecommunication and radiocommunication facilities	2-12 Selwood Road (east of State Highway 16), Henderson

7300 Telecommunication and Radiocommunication Facilities

Designation Number	7300
Requiring Authority	Radio New Zealand Ltd
Location	2-12 Selwood Road (corner of Triangle Road) , Henderson
Rollover Designation	Yes
Legacy Reference	Designation RNZ2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication transmission facilities.

Conditions

1. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

For the purpose of the above, the following definitions shall apply:

- “Line” has the same meaning as in the Telecommunications Act 2001.
- “Radiocommunication” has the same meaning as in the Radiocommunications Act 1989.
- “Radiocommunication facility” means any mast, aerial, antenna or other structure, facility or apparatus intended for the purpose of facilitating radiocommunication.
- “Telecommunication” has the same meaning as in the Telecommunications Act 2001.
- “Telecommunication facility” means any line, mast, pole, aerial, tower, antenna dish, or other structure, facility or apparatus intended for, associated with, or ancillary to, effecting telecommunication.

Attachments

No attachments.

7301 Telecommunication and Radiocommunication Facilities

Designation Number	7301
Requiring Authority	Radio New Zealand Ltd
Location	2-12 Selwood Road (east of State Highway 16), Henderson
Rollover Designation	Yes
Legacy Reference	Designation RNZ3, Auckland Council District Plan (Waitakere Section) 2003

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Telecommunication and radiocommunication transmission facilities.

Conditions

1. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

2. Work which affects the Radio New Zealand Transmitter Building, 2-12 Selwood Road, described in the Historic Heritage Schedule as 00056, shall be limited to:

- a. External repairs and maintenance;
 - b. Minor works to the exterior of the building for the purposes of providing security facilities; and
- Internal works which do not affect the 1930's transmitter equipment.

Such work may be carried out without an outline plan of works.

For the purpose of the above, the following definitions shall apply:

- "Line" has the same meaning as in the Telecommunications Act 2001.
- "Radiocommunication" has the same meaning as in the Radiocommunications Act 1989.
- "Radiocommunication facility" means any mast, aerial, antenna or other structure, facility or apparatus intended for the purpose of facilitating radiocommunication.
- "Telecommunication" has the same meaning as in the Telecommunications Act 2001.
- "Telecommunication facility" means any line, mast, pole, aerial, tower, antenna dish, or other structure, facility or apparatus intended for, associated with, or ancillary to, effecting telecommunication.

Attachments

No attachments.

Telecom New Zealand Ltd

Designation Schedule - Telecom New Zealand Ltd

Number	Purpose	Location
7500	Satellite earth station and telecommunication and radiocommunication and ancillary purposes	92 Satellite Station Road, Warkworth
7501	Satellite earth station - surrounding land use and building restriction	Satellite Station Road, Thompson Road, Hepburn Creek Road, Perry Road and Radiata Road, Warkworth
7502	Telecommunication and radiocommunication and ancillary purposes	66 Hibiscus Coast Highway, Silverdale
7503	Telecommunication and radiocommunication and ancillary purposes	6 Ratanui Street, Henderson
7504	Telecommunication and radiocommunication and ancillary purposes	153 Brigham Creek Road, Whenuapai
7505	Telecommunication and radiocommunication and ancillary purposes	39-43 Airedale Street, Auckland City

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7506	Telecommunication and radiocommunication and ancillary purposes	45-61 Airedale Street, Auckland City
7507	Telecommunication and radiocommunication and ancillary purposes	25 White Street and 35-37 Airedale Street, Auckland City
7508	Telecommunication and radiocommunication and ancillary purposes	31 Airedale Street, Auckland City
7509	Telecommunication and radiocommunication and ancillary purposes	737 New North Rd, St Lukes
7510	Telecommunication and radiocommunication and ancillary purposes	2A Dilworth Avenue, Remuera
7511	Telecommunication and radiocommunication and ancillary purposes	15 Norfolk Place and 89 Rangitoto Road, Papatoetoe
7512	Telecommunication and radiocommunication and ancillary purposes	123 Ridge Road and 56 O'Halloran Road, Howick
7513	Telecommunication and radiocommunication and ancillary purposes	40 Oshannessey Street, Papakura
7514	Telecommunication and radiocommunication and ancillary purposes	Corner of Bombay Road and Paparata Road, Bombay
7515	Telecommunication and radiocommunication and ancillary purposes	180 Kraack Road, Warkworth
7516	Telecommunication and radiocommunication and ancillary purposes	Moirs Hill Road, (near Barker Road) Moirs Hill, Warkworth
7517	Telecommunication and radiocommunication and ancillary purposes	27 Red Beach Road, Red Beach
7518	Telecommunication and radiocommunication and ancillary purposes	463A Whangaparaoa Road
7519	Telecommunication and radiocommunication and ancillary purposes	1-3 Tower Hill, Manly
7520	Telecommunication and radiocommunication and ancillary purposes	56-58 State Highway 16, Kumeu
7521	Telecommunication and radiocommunication and ancillary purposes	22A Mokoia Road, Birkenhead
7522	Telecommunication and radiocommunication and ancillary purposes	21 Birkdale Road, Birkdale
7523	Telecommunication and radiocommunication and ancillary purposes	2 Mozeley Avenue, Devonport
7524	Telecommunication and radiocommunication and ancillary purposes	6 Clayburn Road, Glen Eden
7525	Telecommunication and radiocommunication and ancillary purposes	142-144 Don Buck Road, Massey
7526	Telecommunication and radiocommunication and ancillary purposes	504 South Titirangi Road, Titirangi
7527	Telecommunication and radiocommunication and ancillary purposes	10 McEntee Road, Waitakere

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7528	Telecommunication and radiocommunication and ancillary purposes	4 Summer Street, Ponsonby
7529	Telecommunication and radiocommunication and ancillary purposes	402 St Johns Road, St Heliers
7530	Telecommunication and radiocommunication and ancillary purposes	2B Poronui Street, Mt Eden
7531	Telecommunication and radiocommunication and ancillary purposes	6 St Jude Street, Avondale
7532	Telecommunication and radiocommunication and ancillary purposes	2 Jasper Avenue, Mt Roskill
7533	Telecommunication and radiocommunication and ancillary purposes	135 Boundary Road, Blockhouse Bay
7534	Telecommunication and radiocommunication and ancillary purposes	58 Princes Street, Onehunga
7535	Telecommunication and radiocommunication and ancillary purposes	12 Piki Thompson Way, Otahuhu
7536	Telecommunication and radiocommunication and ancillary purposes	6 Grammar School Road, Pakuranga
7537	Telecommunication and radiocommunication and ancillary purposes	63 Ashgrove Road (corner Bader Drive), Mangere
7538	Telecommunication and radiocommunication and ancillary purposes	7 Whitford Wharf Road, Whitford
7539	Telecommunication and radiocommunication and ancillary purposes	176 Bairds Road, Otara
7540	Telecommunication and radiocommunication and ancillary purposes	20 Lakewood Court, Manukau City
7541	Telecommunication and radiocommunication and ancillary purposes	175 Great South Road, Manurewa
7542	Telecommunication and radiocommunication and ancillary purposes	Whitford-Maraetai Road, Beachlands
7543	Telecommunication and radiocommunication and ancillary purposes	180 Flanagan Road, Drury
7544	Telecommunication and radiocommunication and ancillary purposes	7B Hall Street, Pukekohe
7545	Telecommunication and radiocommunication and ancillary purposes	75 Main Road (near Puketutu Road), Bombay

7500 Warkworth Satellite Earth Station

Designation Number	7500
Requiring Authority	Telecom New Zealand Ltd
Location	92 Satellite Station Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 808, Auckland Council District Plan (Rodney Section) 2011

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Satellite earth station and telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 35m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property: or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

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6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

7501 Warkworth Satellite Earth Station Restrictions

Designation Number	7501
Requiring Authority	Telecom New Zealand Ltd
Location	Satellite Station Road, Thompson Road, Hepburn Creek Road, Perry Road and Radiata Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 809, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Satellite earth station - surrounding land use and building restriction.

Conditions

General

1. The plans associated with the requirement (TP/8228/4 TP15616), together with this specification, comprise the "Warkworth Satellite Earth Station: (Building and Land Use Restrictions)".

2. The area affected by the restrictions is that area outlined in light stipple on TP/8228/4, TP15616 and the specification plan below. The boundary of the requirement corresponds to the Safe Contour Line. The Safe Contour Line is defined as "the locus points which are 10m below the level ridge line on the side of the ridge away from the Satellite Earth Station antennas. The ridge lines are the locus points on the brow of the ridge, which are on a grazing ray from the top of the antenna tangent to the ridge. If a ridge brow is within 1,200 mm of both antennas, then the ridge line associated with the antenna which gives the lower safe contour has been taken. The top heights of the antennas are 122m R.L. for the No: 1 antenna and 102m R.L. for the No: 2 antenna".

3. To ensure the safe and efficient functioning and operation of the Warkworth Satellite Earth Station, a restriction is necessary, to prevent the use of land (within the requirement area) in a manner which would cause interference with the electronic integrity of the station.

Therefore:

a. The proliferation of devices, or

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- b. The excavation of land, or
 - c. The construction, reconstruction, alteration or addition to any building or other structure in a form of or by the use of reflecting or re-radiating materials
- which could cause interference to the efficient functioning of the Satellite Earth Station is prohibited, except with the consent of the Telecom New Zealand Ltd pursuant to Clause 4 hereof.

4. Any person who wishes to carry out any work in any manner prohibited by Clause 3 above may make an application to Telecom New Zealand International Limited, under Section 176 of the Resource Management Act 1991 by writing to:

Primary Contact:
International Operations Manager
Telecom NZ Ltd
Private Bag 92028
Auckland 1142

Secondary Contact:
International Property Manager
Telecom NZ Ltd
Private Bag 92028
Auckland 1142

A reply to any request will be made within one month of receiving the request. The granting of any consent will be made on the merits of each individual proposal as measured against the criteria for protecting the operation of the Satellite Earth Station.

The applicant may contest a refusal of consent or a consent granted subject to conditions, by lodging an appeal with the Environment Court. Such an appeal must be lodged within one month of receipt of the decision on an application for consent under Section 176 of the Resource Management Act 1991.

5. In considering applications under Section 176 the Company will apply the criteria as set out in Clause 6. These criteria not only state the objective behind the restrictions on the use of land, but as far as possible, detail the types of activities which are likely to be permitted in the area.

6. Criteria for Applications under Section 176

a. Need for the Restrictions

The control over the use of land as contained in Clause 3 is necessary for two broad and interacting reasons. Firstly, to restrict the proliferation of interference-producing devices, which singly may not produce sufficient interference to be detrimental to the operation of the Satellite Earth Station, but which in number will increase the risk. Secondly, to prevent the erection of buildings and structures within the area constructed of materials with reflecting or re-radiating properties which could affect the performance of the Satellite Earth Station. The Company must be satisfied that the proposed use of land will not produce unacceptable interference or reflections.

b. Administration of the Restrictions

- i. The restrictions relate only to the use of land in a manner which would cause interference with the electronic integrity of the station. A change in farming type, for example, from agriculture to horticulture or to forestry, would not need to be controlled unless it interfered with the functioning or operation of the Satellite Earth Station.
- ii. Subdivision of land will be controlled, in order to maintain the existing rural, low density development and land use character, and to minimise the occurrence of electrical interference sources.

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c. Over all that land within the boundary of the requirement the following shall apply:

- i. Any buildings or structures with metallic exterior or interior surfaces shall be oriented so as not to produce reflection from the satellite into the antennas.
- ii. Height: Any buildings and structures less than 5m in height are generally unlikely to present a problem, although some resiting may be necessary in specific cases.
- iii. Transmission and Reticulation: Aerial power transmission and reticulation will not be permitted. This restriction also applies to all aerial telephone reticulation. Should any new supply be required, this need shall be met by wiring an underground transmission and reticulation service. Where the effect of this provision is to require undergrounding of existing or future services which would otherwise not be required, the difference in cost shall be met by Telecom New Zealand Limited. Maintenance work on aerial services shall be deemed, excepting only in the case of emergency work, to be work within the meaning of Section 176 of the Act and shall be subject to an application in terms of Clause 4.
- iv. Earthworks: No earthworks will be permitted affecting the ridgeline determining the safe contour line.

Explanatory Note for c.i.:

Buildings or structures with metallic surfaces greater than 40m² in any one plane have the potential to cause unacceptable interference.

d. In the area shown cross-hatched on the attached Specification Plan, the following shall also apply:

- i. New buildings or structures potentially creating man-made electrical noise sources shall not be permitted in this area.

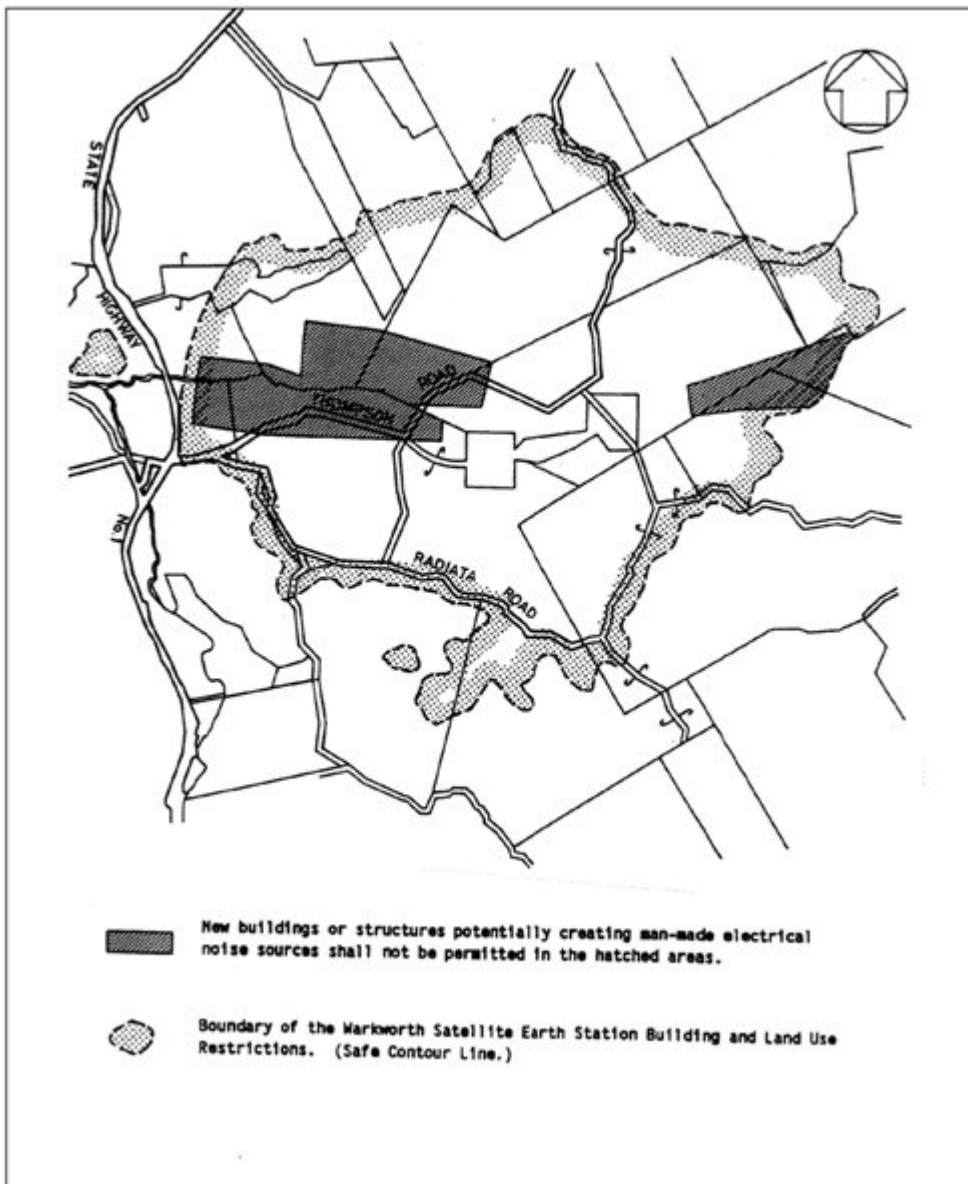
e. Unitary Plan Provisions

The provisions of the Auckland Unitary Plan for the area shall continue to apply but be subject to the restrictions contained in the requirement.

Attachments

Warkworth Satellite Earth Station (Buildings and Landuse Restrictions) Plan

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7502 Silverdale Telecommunications Site

Designation Number	7502
Requiring Authority	Telecom New Zealand Ltd
Location	66 Hibiscus Coast Highway, Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 816, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

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1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a.

i. At the boundary of any adjacent residential zoned property; or

ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

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8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

7503 Henderson Telecommunications Site

Designation Number	7503
Requiring Authority	Telecom New Zealand Ltd
Location	6 Ratanui Street, Henderson
Rollover Designation	Yes
Legacy Reference	Designation PH12, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20 m above ground level (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

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5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7504 Whenuapai Cable Station

Designation Number	7504
Requiring Authority	Telecom New Zealand Ltd
Location	153 Brigham Creek Road, Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation PH14, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20 m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

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4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the notional boundary 20m from the facade of any dwelling or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7505 Airedale Street Block 1A Telecommunications Site

Designation Number	7505
Requiring Authority	Telecom New Zealand Ltd
Location	39-43 Airedale Street, Auckland City
Rollover Designation	Yes
Legacy Reference	Designation 296, Auckland Council District Plan (Central Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Outline Plans

1. That an Outline Plan of works shall not be required for:

a. Any internal building works (excluding equipment generating external noise);

b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and

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subject to compliance with noise conditions set out below;

- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work.

Noise

2. For any changes or additions to the engine alternators or air conditioning plant on the site, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

3. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

4. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7506 Airedale Street Block 1 Telecommunications Site

Designation Number	7506
Requiring Authority	Telecom New Zealand Ltd
Location	45-61 Airedale Street, Auckland City
Rollover Designation	Yes
Legacy Reference	Designation 297, Auckland Council District Plan (Central Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Outline Plans

- 1. That an Outline Plan of works shall not be required for
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work.

Noise

2. For any changes or additions to the engine alternators or air conditioning plant on the site, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

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3. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

4. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7507 Kensington House Telecommunications Site

Designation Number	7507
Requiring Authority	Telecom New Zealand Ltd
Location	25 White Street and 35-37 Airedale Street, Auckland City
Rollover Designation	Yes
Legacy Reference	Designation 298, Auckland Council District Plan (Central Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Outline Plans

1. That an Outline Plan of works shall not be required for
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work.

Noise

2. For any changes or additions to the engine alternators or air conditioning plant on the site, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

3. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

4. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

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No attachments.

7508 Mayoral Drive Telecommunications Site

Designation Number	7508
Requiring Authority	Telecom New Zealand Ltd
Location	31 Airedale Street, Auckland City
Rollover Designation	Yes
Legacy Reference	Designation 299, Auckland Council District Plan (Central Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Outline Plans

1. That an Outline Plan of works shall not be required for
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work.

Noise

2. For any changes or additions to the engine alternators or air conditioning plant on the site, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
3. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

4. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7509 Mt Albert Telecommunications Site

Designation Number	7509
Requiring Authority	Telecom New Zealand Ltd
Location	737 New North Road, St Lukes
Rollover Designation	Yes

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Legacy Reference	Designation D06-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new equipment shall not exceed the heights (9m - 15m depending on location) contained in the Volcanic Cone Height Restrictions Map in the Auckland Council District Plan - Isthmus Section as at 1 January 2009 (excluding any lightening rod).
2. Notwithstanding Condition 1, the antennas on the existing mast existing 1 January 2009 may be upgraded, reconfigured or additional antennas installed subject to there being no increase in the overall height of the mast and attached antennas.
3. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009. Any mast and associated antennas shall not exceed a diameter of 1 m for those parts of the equipment exceeding 8 m in height above ground level.
4. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the roof provided they comply with Condition 1. and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
5. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
6. The total number of masts for use by the Requiring Authority shall not exceed 1 (one).
7. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve).

Buildings

8. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height - 9 m;
 - b. Front yard - 2.5m;
 - c. Height in relation to boundary - shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009; and
 - d. Maximum building coverage:40%. This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or

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average height of the periphery of the building, whichever is the greater.

Outline Plans

9. That an Outline Plan of Works shall not be required for
- any internal building works (excluding equipment generating external noise);
 - replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - the replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - general site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

10. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

- At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

11. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 10 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

12. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 10 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

13. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

14. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

15. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1: 1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

16. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

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Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or
- b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

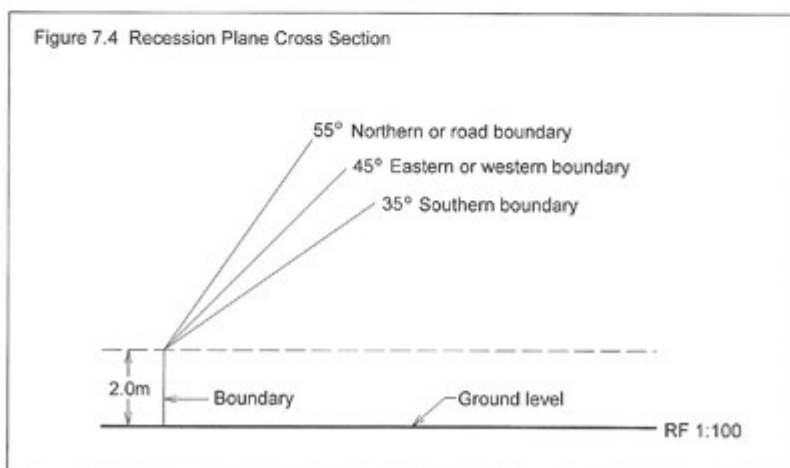
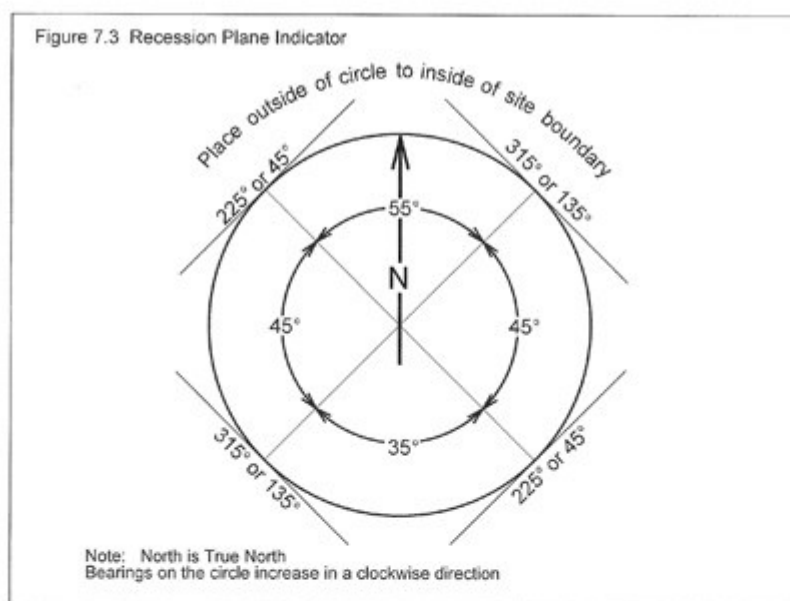
Advice Notes

1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.
2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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7510 Remuera Telecommunications Site

Designation Number	7510
Requiring Authority	Telecom New Zealand Ltd
Location	2A Dilworth Avenue, Remuera
Rollover Designation	Yes
Legacy Reference	Designation D10-20, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Masts and Antennas

1. The height of any new equipment shall not exceed the Volcanic Cone Height Restrictions Map and limit of 9m above ground level (excluding any lightening rod) as contained in the Auckland Council District Plan - Isthmus Section 1999.
2. Notwithstanding Condition 1 above, antennas exceeding a height of 9 m above ground level can be mounted on the exchange building to a maximum height of 13.2 m (using average ground level method and excluding any lightening rod) where they shall also comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
3. Where the height of any new structures or equipment exceeds a height of 8 m above ground level, any outline plan shall specifically consider and assess the potential adverse effects of any such work on views of Mt Hobson from the Newmarket Viaduct in terms of the following criteria:
 - a. The nature, extent and form of the proposed built element;
 - b. The extent to which the built element obscures the views of Mt Hobson from the Viaduct; and
 - c. The extent to which the built environment constitutes a visually competing intrusion into the foreground or background of the unencumbered views of Mt Hobson.
4. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009. Any mast and associated antennas shall not exceed a diameter of 1 m for those parts of the equipment exceeding 8 m in height above ground level.
5. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the roof provided they comply with condition 1. and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) 1999 as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
6. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
7. The total number of masts for use by the Requiring Authority shall not exceed 1 (one).
8. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve).

Buildings

9. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height - 8 m;
 - b. Front yard - 2.5 m;
 - c. Height in relation to boundary - shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009; and
 - d. Maximum building coverage: 40%. This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or

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average height of the periphery of the building, whichever is the greater.

Outline Plans

10. That an Outline Plan of Works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section) 1999.

Noise

11. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

- b. At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

12. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 11 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

13. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 11 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

14. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

15. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

16. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1: 1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

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18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Advice Notes

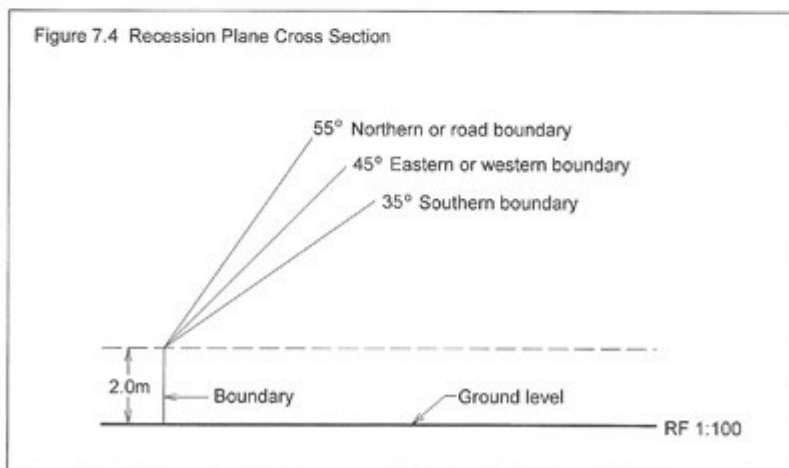
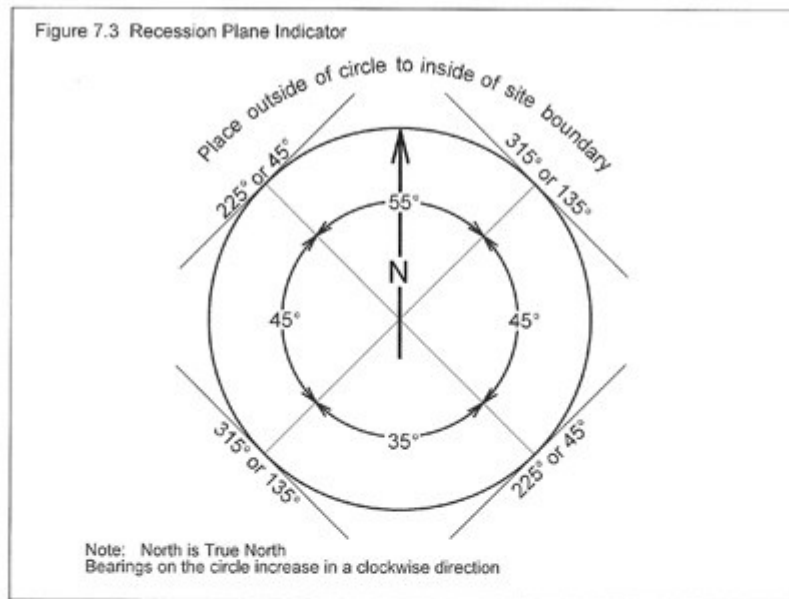
1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Maori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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7511 Papatoetoe Telecommunications Site

Designation Number	7511
Requiring Authority	Telecom New Zealand Ltd
Location	15 Norfolk Place and 89 Rangitoto Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 107, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

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1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls in Attachment 1 from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls in Attachment 1 from any adjoining residential zoned boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

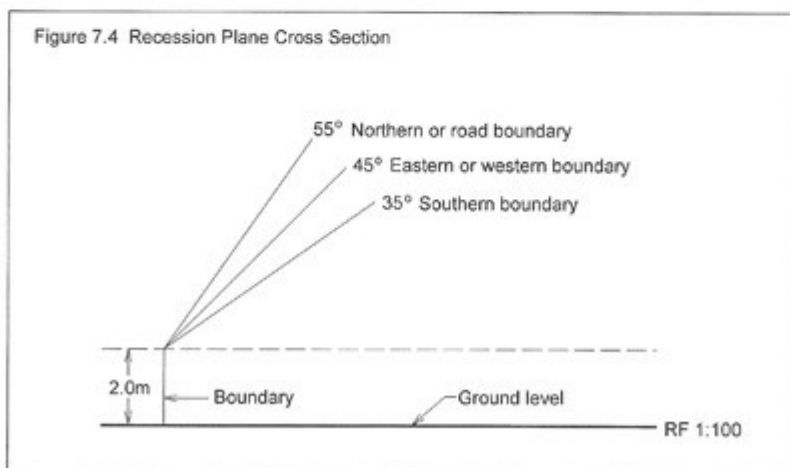
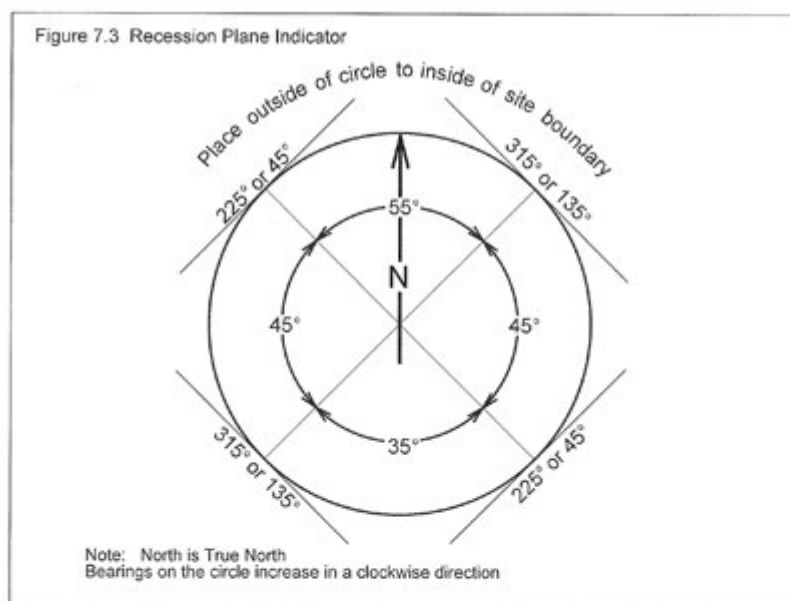
Radiofrequency Fields

The Proposed Auckland Unitary Plan (notified 30 September 2013)

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



7512 Howick Telecommunications Site

Designation Number	7512
Requiring Authority	Telecom New Zealand Ltd
Location	123 Ridge Road and 56 O'Halloran Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 111, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls in Attachment 1 from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls in Attachment 1 from any adjoining residential zoned boundaries.

Buildings (this condition shall not apply to 103 and 110)

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a

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reasonable level.

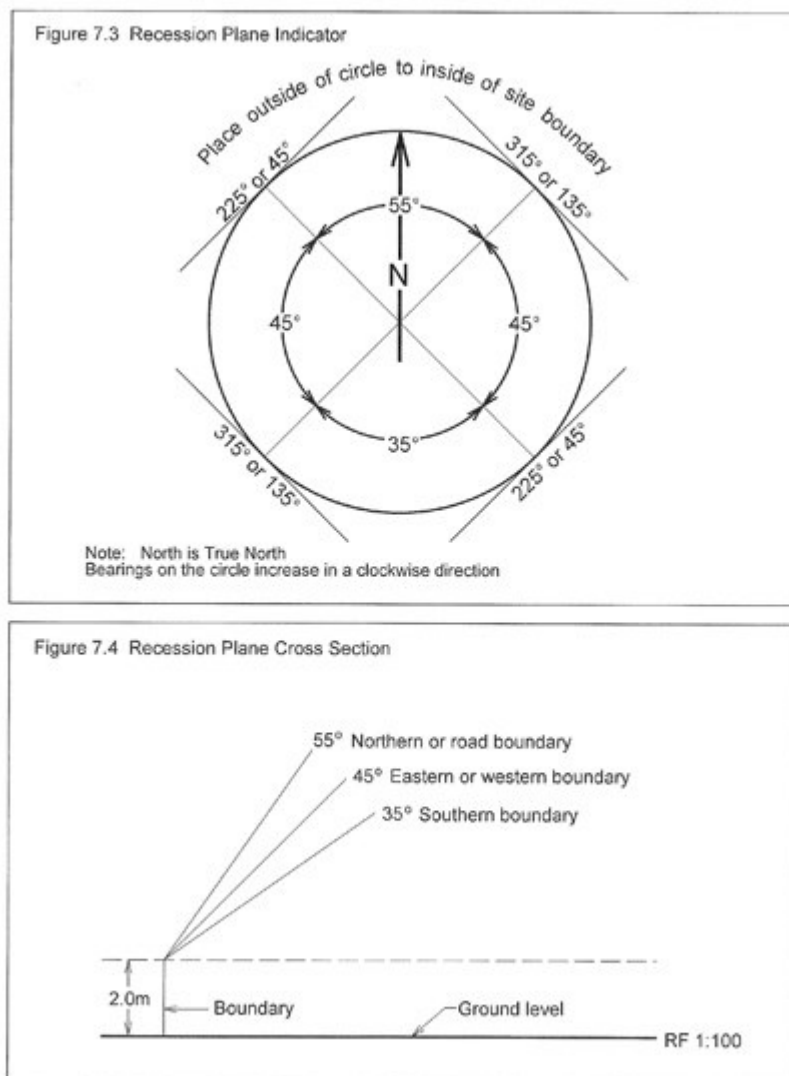
10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram - 7.4 Recession Plane Cross Section



7513 Papakura Telecommunications Site

Designation Number	7513
Requiring Authority	Telecom New Zealand Ltd

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Location	40 Oshannessey Street, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 43, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and any antennas (mounted on a mast or building) shall not exceed 25m above ground level (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

The Proposed Auckland Unitary Plan (notified 30 September 2013)

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7514 Bombay Telecommunications Site

Designation Number	7514
Requiring Authority	Telecom New Zealand Ltd
Location	Corner Bombay Road and Paparata Road, Bombay
Rollover Designation	Yes
Legacy Reference	Designation 18, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

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Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits

a.

i. At the boundary of any adjacent residential zoned property; or

ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

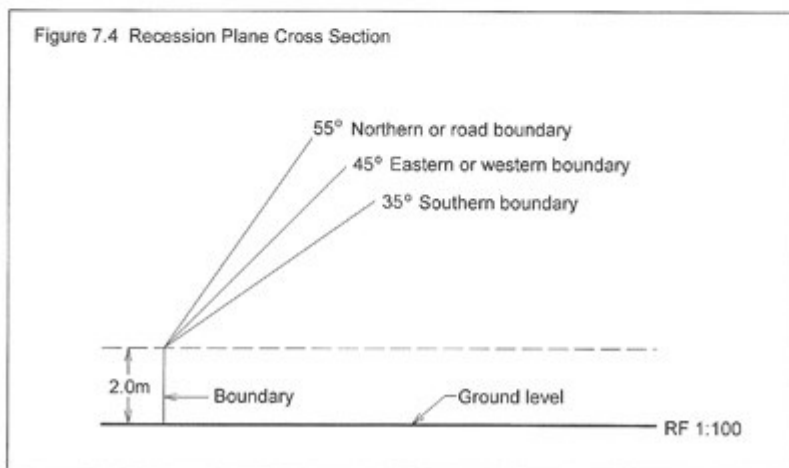
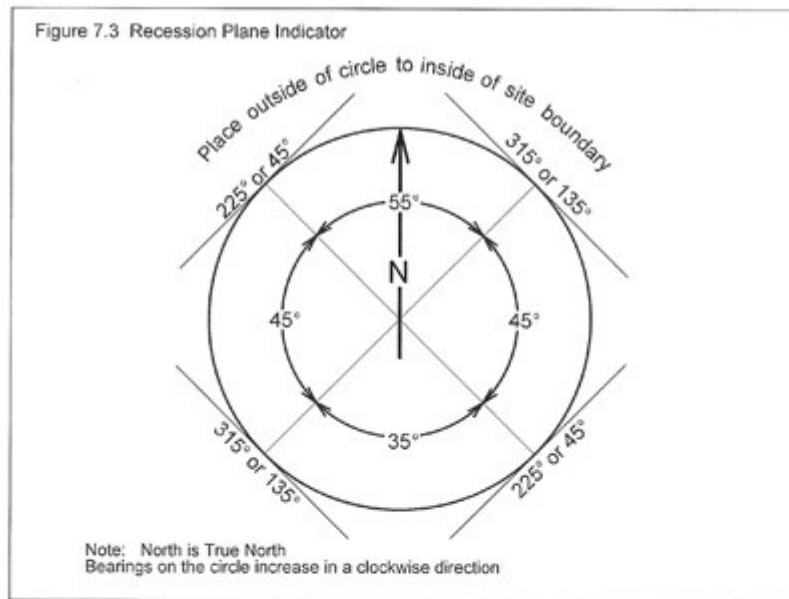
Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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7515 Kraack Hill Telecommunications Site

Designation Number	7515*
Requiring Authority	Telecom New Zealand Ltd
Location	180 Kraack Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 805, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 35m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a.
 - i. At the boundary of any adjacent residential zoned property; or
 - ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental

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Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

7516 Moirs Hill Telecommunications Site

Designation Number	7516*
Requiring Authority	Telecom New Zealand Ltd
Location	Moirs Hill Road (near Barker Road), Moirs Hill, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 810, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 35m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
- 7am – 10pm on any day: Leq 50 dB(A)

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10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

7517 Red Beach Telecommunications Site

Designation Number	7517*
Requiring Authority	Telecom New Zealand Ltd
Location	27 Red Beach Road, Red Beach
Rollover Designation	Yes
Legacy Reference	Designation 814, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

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Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a.
 - i. At the boundary of any adjacent residential zoned property; or
 - ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

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Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

7518 Whangaparaoa Telecommunications Site

Designation Number	7518*
Requiring Authority	Telecom New Zealand Ltd
Location	463A Whangaparaoa Road
Rollover Designation	Yes
Legacy Reference	Designation 817, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
- At the boundary of any adjacent residential zoned property; or

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ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

7519 Hibiscus Coast Telecommunications Site

Designation Number	7519*
Requiring Authority	Telecom New Zealand Ltd
Location	1-3 Tower Hill, Manly
Rollover Designation	Yes
Legacy Reference	Designation 818, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site

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pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 15m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property; or
 - At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:
7am – 10pm on any day: Leq 55 dB(A)
10pm – 7am on any day: Leq 55 dB(A)
- At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:
7am – 10pm on any day: Leq 70 dB(A)
10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

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6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

7520 Kumeu Telecommunications Site

Designation Number	7520*
Requiring Authority	Telecom New Zealand Ltd
Location	56-58 State Highway 16, Kumeu
Rollover Designation	Yes
Legacy Reference	Designation 822, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 25m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power

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generation) shall not exceed the following noise limits:

a.

i. At the boundary of any adjacent residential zoned property; or

ii. At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

b. At the boundary of any adjacent property zoned [zone type to replace current Retail Service Zone]:

7am – 10pm on any day: Leq 55 dB(A)

10pm – 7am on any day: Leq 55 dB(A)

c. At the boundary of any adjacent property zoned [zone type to replace current Mixed Business and Industrial Zone]:

7am – 10pm on any day: Leq 70 dB(A)

10pm – 7am on any day: Leq 70 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

8. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

7521 Birkenhead Telecommunications Site

Designation Number	7521*
Requiring Authority	Telecom New Zealand Ltd
Location	22A Mokoia Road, Birkenhead
Rollover Designation	Yes

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Legacy Reference	Designation 93, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed the greater of 20m or the height of any mast and attached antennas existing as at 1 June 2012 (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

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7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Land Disturbance

9. All unmodified areas disturbed as a result of future work(s) on the designated site shall be re-vegetated and reinstated, as far as practicable, to their original condition following completion of the work(s).

Attachments

No attachments.

7522 Birkdale Telecommunications Site

Designation Number	7522*
Requiring Authority	Telecom New Zealand Ltd
Location	21 Birkdale Road, Birkdale
Rollover Designation	Yes
Legacy Reference	Designation 94, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential zoned boundaries and road boundaries.

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Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

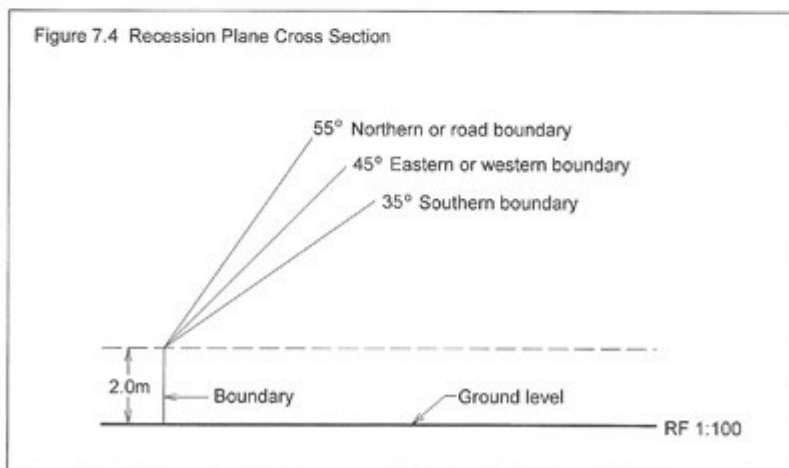
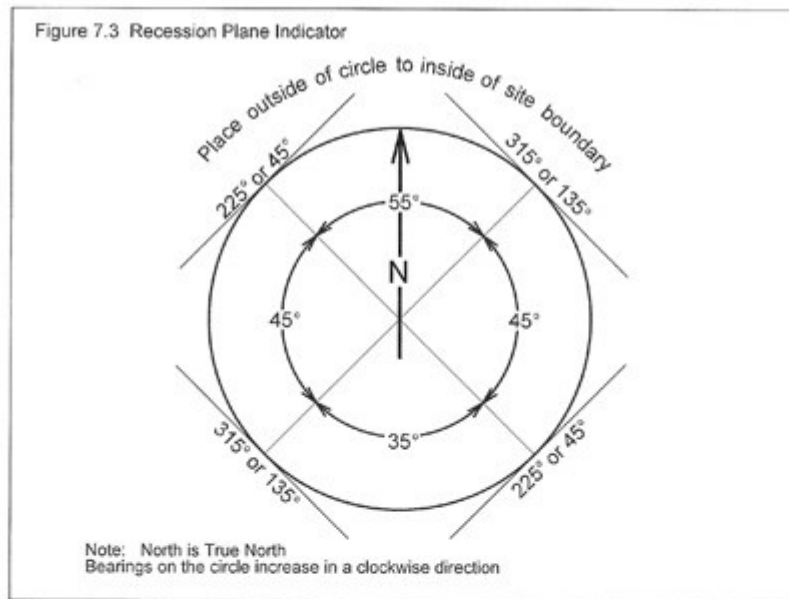
Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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7523 Devonport Telecommunications Site

Designation Number	7523*
Requiring Authority	Telecom New Zealand Ltd
Location	2 Mozeley Avenue, Devonport
Rollover Designation	Yes
Legacy Reference	Designation 95, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

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Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Attachment 1 to this Notice] from any adjoining residential zoned boundaries and road boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

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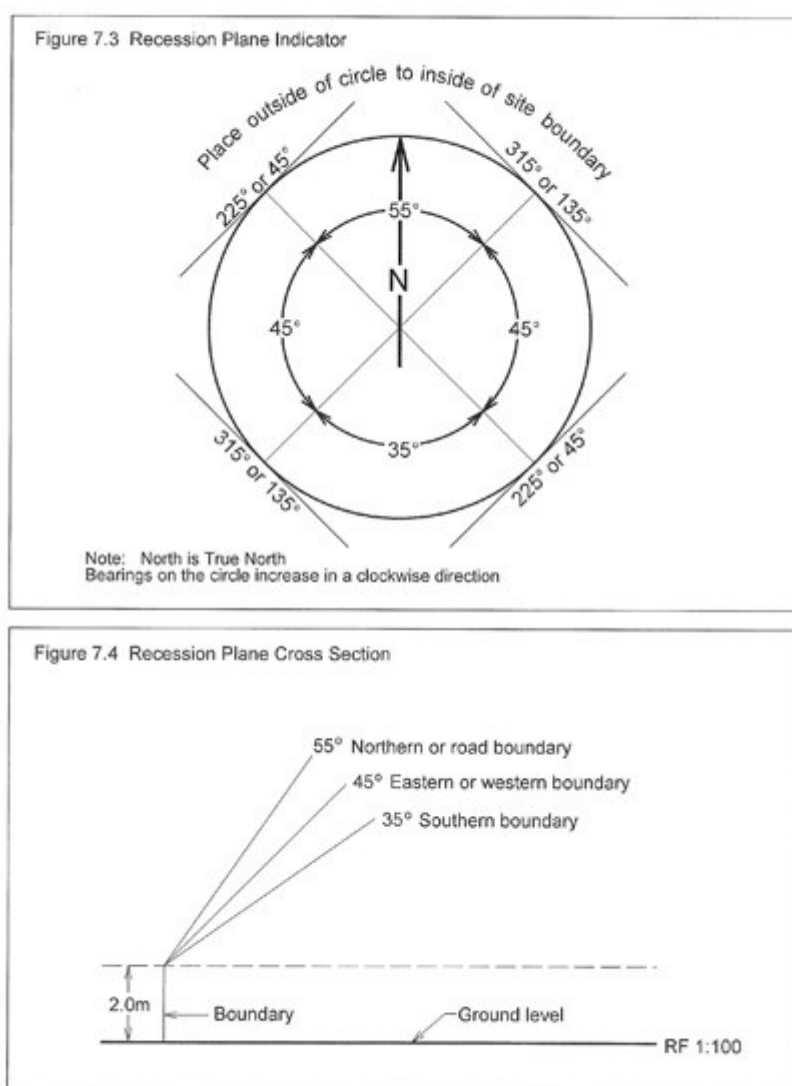
10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



7524 Glen Eden Telecommunications Site

Designation Number	7524*
Requiring Authority	Telecom New Zealand Ltd
Location	6 Clayburn Road, Glen Eden

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Rollover Designation	Yes
Legacy Reference	Designation PH2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

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Noise

8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

10. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

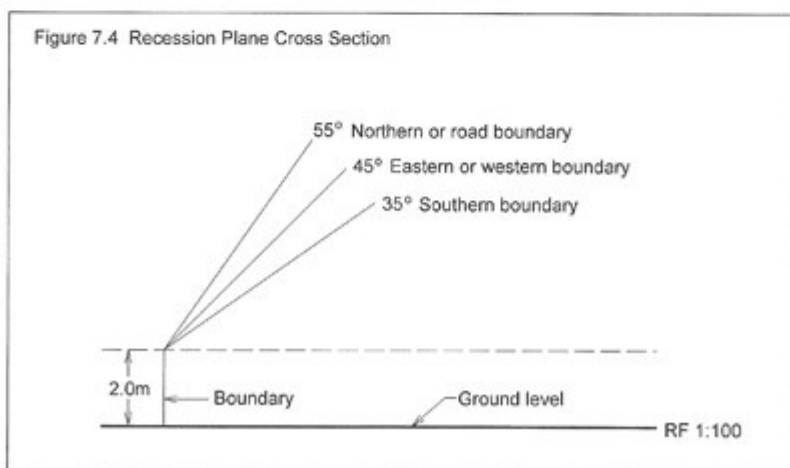
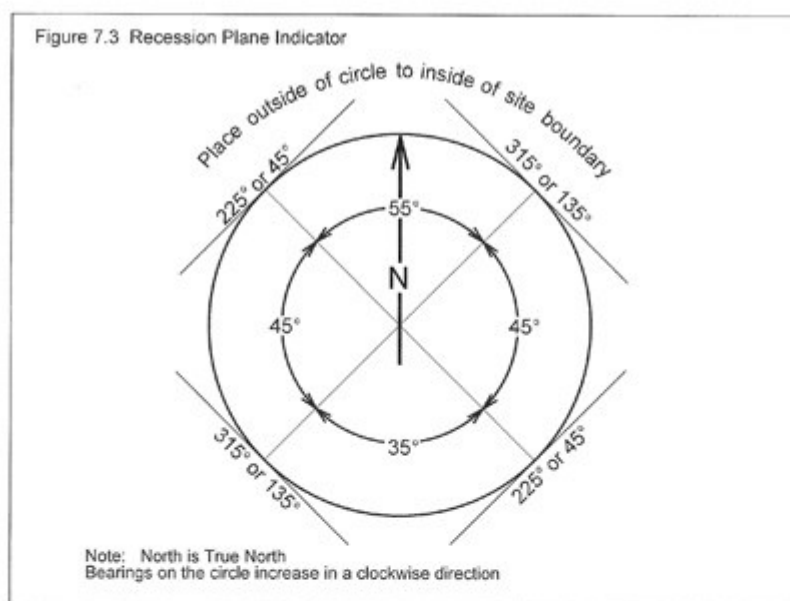
Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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7525 Massey Telecommunications Site

Designation Number	7525*
Requiring Authority	Telecom New Zealand Ltd
Location	142-144 Don Buck Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation PH4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance

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with this condition.

10. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

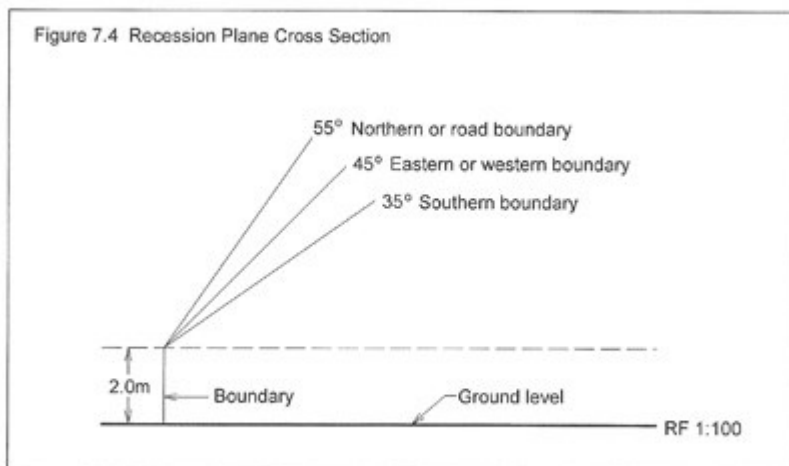
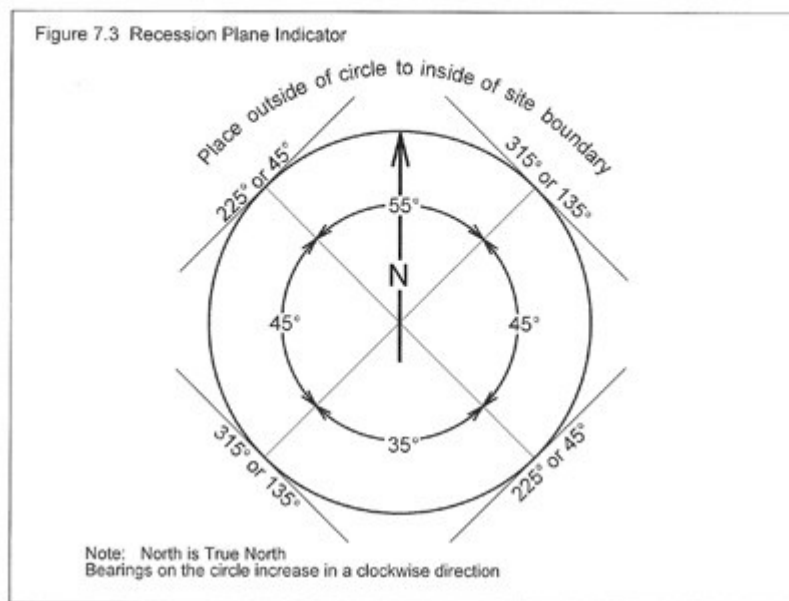
11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



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7526 Titirangi Telecommunications Site

Designation Number	7526*
Requiring Authority	Telecom New Zealand Ltd
Location	504 South Titirangi Road (Corner intersection with Park Road, Titirangi)
Rollover Designation	Yes
Legacy Reference	Designation PH8, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);

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- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent residential zoned property:

7am – 10pm on any day: Leq 50 dB(A)

10pm – 7am on any day: Leq 40 dB(A)

9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

10. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

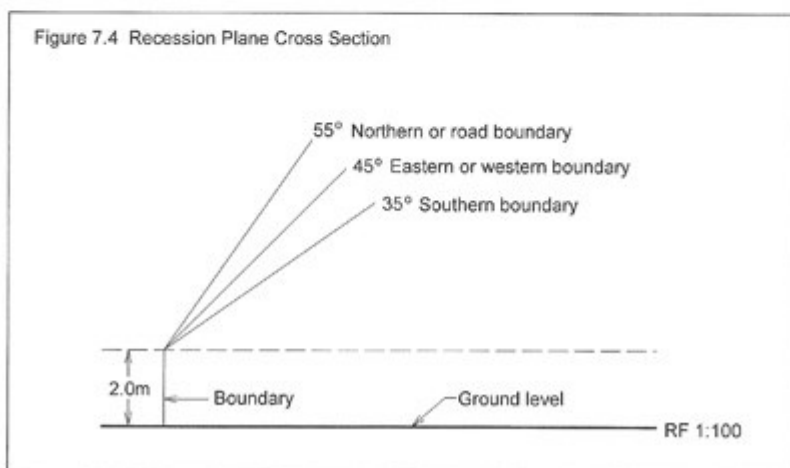
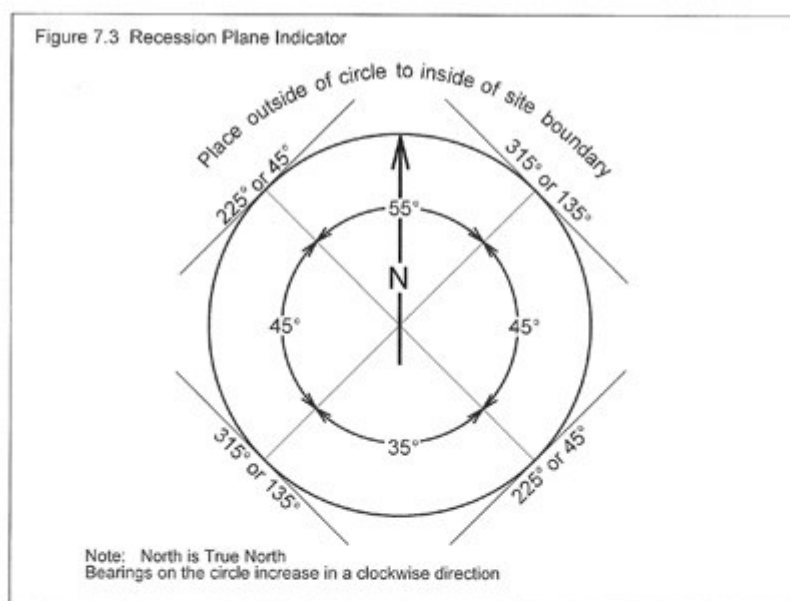
Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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7527 Waitakere Telecommunications Site

Designation Number	7527*
Requiring Authority	Telecom New Zealand Ltd
Location	10 McEntee Road, Waitakere
Rollover Designation	Yes
Legacy Reference	Designation PH10, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls [included in Appendix C to this Notice] from any adjoining residential and rural residential zoned boundaries and road boundaries.
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one). For the avoidance of doubt, for sites where both Chorus and Telecom have a designation, the total number of masts on the site for use by these requiring authorities shall not exceed 1 (one).

Buildings

6. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

7. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

8. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am – 10pm on any day: Leq 50 dB(A)
10pm – 7am on any day: Leq 40 dB(A)
9. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 8 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance

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with this condition.

10. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 8, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

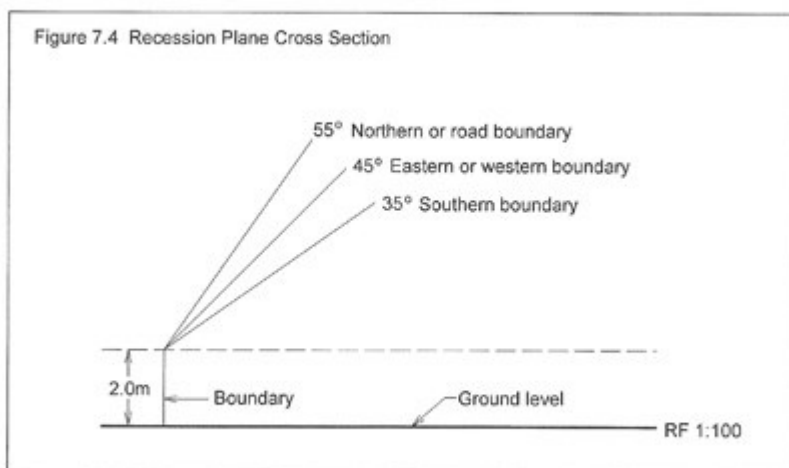
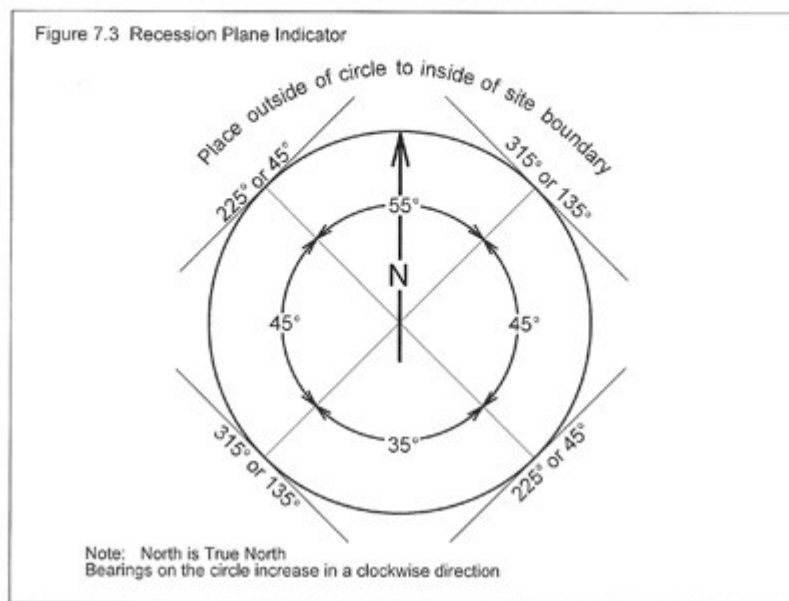
11. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

12. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



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7528 Ponsonby Telecommunications Site

Designation Number	7528*
Requiring Authority	Telecom New Zealand Ltd
Location	4 Summer Street, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation B07-92, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009. Any mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the roof provided they comply with Condition 1. and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
4. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of masts on the site for use by these requiring authorities shall not exceed 1(one).
6. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of antennas on the site for use by these requiring authorities shall not exceed 12 (twelve).

Buildings

7. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height - 8 m;

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- b. Front yard - 5 m;
- c. Height in relation to boundary - shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009; and
- d. Maximum building coverage: 40%. This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

- 8. That an Outline Plan of Works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.
- 9. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent business zoned property:
 - 7am - 10pm on any day: Leq 55 dB(A)
 - 10pm - 7am on any day: Leq 45 dB(A)
 - b. At the boundary of any adjacent residentially zoned property:
 - 7am - 10pm on any day: Leq 50 dB(A)
 - 10pm - 7am on any day: Leq 40 dB(A)
- 10. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 9 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
- 11. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 9 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.
- 12. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.
- 13. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

- 14. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

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Contaminated Site

15. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or
- b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Operational Planning

16. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

17. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Heritage Management

18. Any outline plan to remove, demolish, alter or replace the existing exchange building shall demonstrate that the works are necessary in order to meet the purpose of the designation, and shall be supported by a specific Heritage Assessment prepared by a suitably qualified person. As part of any outline plan to undertake external additions or alterations to the exchange building, the Heritage Assessment shall include an assessment of the following criteria:

- a. The form, mass, proportion and scale of the external additions and alterations shall be compatible with the prevailing architectural style of the existing building on the site.
- b. Alterations to expand the building within a roof space shall respect, and leave dominantly visible, the form and lines of the existing roof.
- c. Where decoration and architectural features are used, such features shall follow the characteristic form and detail of the existing building on the site.
- d. Changes to the frontage of the existing building shall not detract from the heritage character of the whole fabric, design or character of the original detailing of the facade.
- e. Materials shall be the same or similar as the existing materials of the building so that the new building work is consistent with the traditional character and material of the existing building on the site.
- f. For parts of the building highly visible to the street or public place, new windows or doors shall be consistent

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with the proportions and detail of the windows and doors of the existing facade.

As part of any outline plan to remove or demolish more than 30% of the exchange building, the Heritage Assessment shall include an assessment of the following criteria:

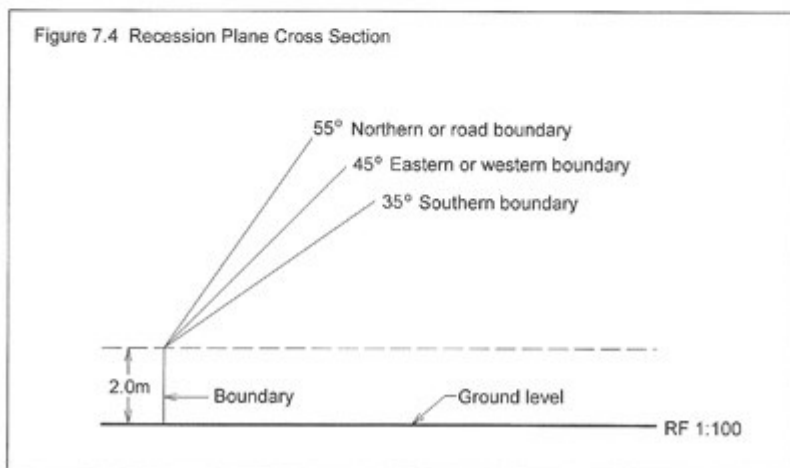
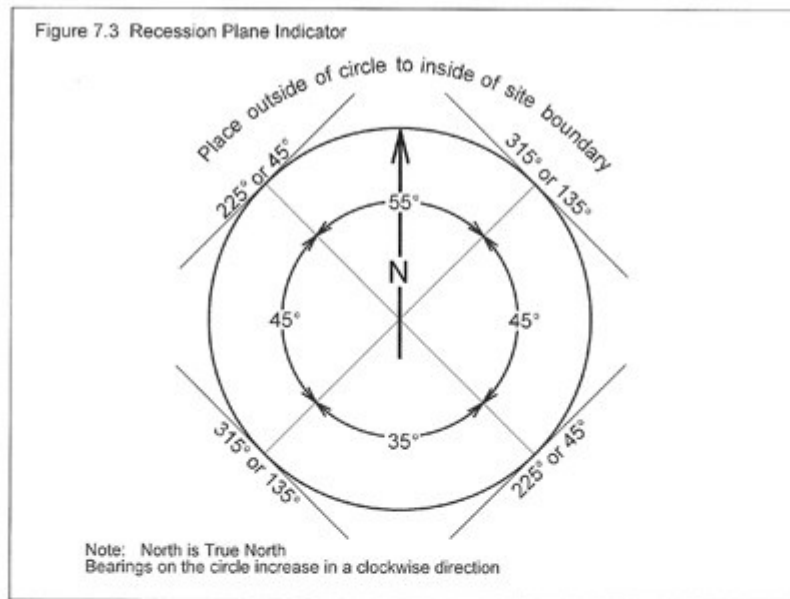
- a. Whether the building has retained its original (or repaired) visual design features relating to form, mass, proportion and materials so that restoration/ renovation of the building is practical and reasonable;
- b. Whether the demolition or removal of the building will detract from the continuity and special character of the streetscape as a whole; and
- c. Whether any historical qualities and original design features of the existing building are visible from a public place.

Notwithstanding the above, in the case of alterations involving external fixtures that remain similar in character and scale (e.g. upgrading/replacement of exhaust flues, air conditioning plant or equipment of a like nature), the Council (Resource Consents Team Manager) may at their discretion waive the need for a Heritage Assessment (excluding works to the front facade).

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

The Proposed Auckland Unitary Plan (notified 30 September 2013)



7529 St Heliers Telecommunications Site

Designation Number	7529*
Requiring Authority	Telecom New Zealand Ltd
Location	402 St Johns Road, Meadowbank
Rollover Designation	Yes
Legacy Reference	Designation D14-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.
3. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the roof provided they comply with Condition 1 and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan (Isthmus Section) as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
4. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
5. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of masts on the site for use by these requiring authorities shall not exceed 1(one).
6. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of antennas on the site for use by these requiring authorities shall not exceed 12 (twelve).

Buildings

7. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 10m;
 - b. Yards: 6m;
 - c. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009; and
 - d. Maximum building coverage: 40%.

This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures, except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

8. That an Outline Plan of Works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise)'
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;

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d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section).

Noise

9. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limit:

a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

b. At the boundary of any adjacent residential zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

10. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 9 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

11. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 9 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

12. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

13. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

14. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

15. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or

b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader, Compliance and

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Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Flooding

16. The site is subject to potential flood hazards. Any new structures constructed within an overland flow path affecting this site shall be designed to avoid any increase in flood hazard risk including risk to neighbouring property. This shall be assessed in any outline plan of works. The foundations of structures housing equipment shall be designed so the finalised floor level is location above the minimum freeboard level for a 1 in 100 year flood. For the avoidance of doubt this shall exclude the base of any mast not containing water sensitive equipment.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours, parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday.

18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Advice Notes

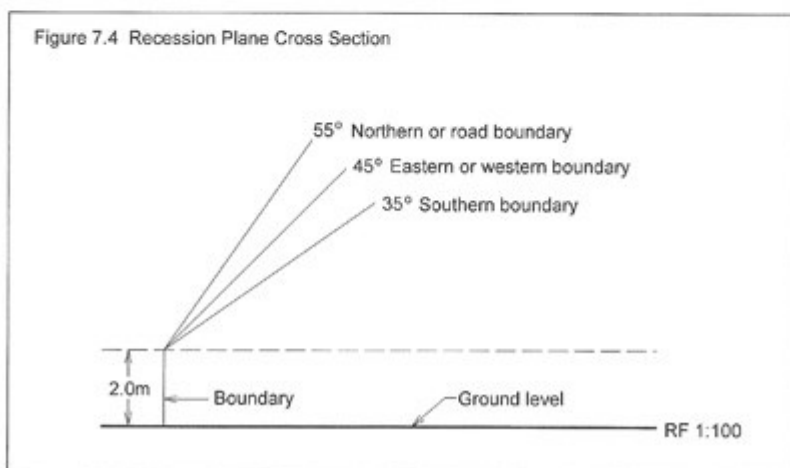
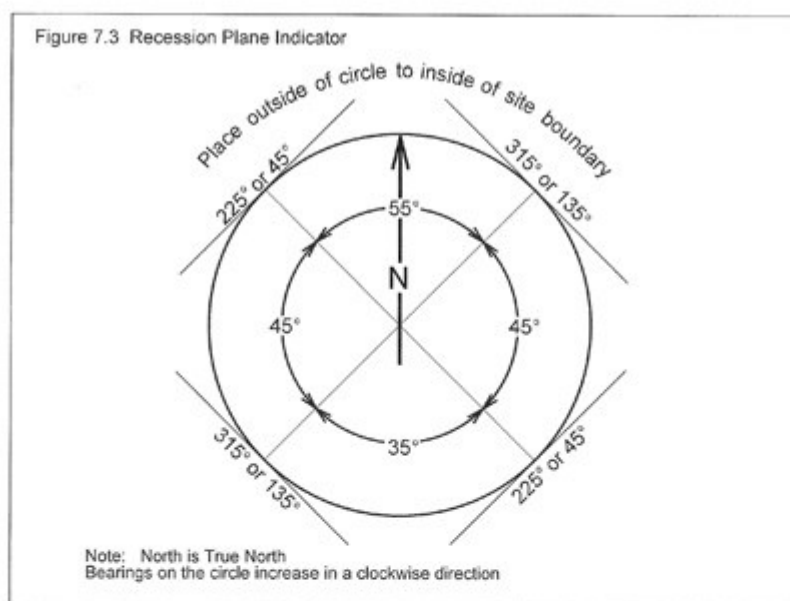
1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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7530 Mt Eden Telecommunications Site

Designation Number	7530*
Requiring Authority	Telecom New Zealand Ltd
Location	2B Poronui Street, Mt Eden
Rollover Designation	Yes
Legacy Reference	Designation E08-43, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new equipment shall not exceed the Mt Eden Volcanic Cone height limit of 9m above ground level using the rolling height method (excluding any lightning rod) as contained in the Auckland Council District Plan - Isthmus Section.
2. Notwithstanding Condition 1, the antennas on the existing mast existing 1 January 2009 may be upgraded, reconfigured or additional antennas installed subject to:
 - a. The constraints in condition 7;
 - b. There being no increase in the overall height of the mast and attached antennas;
 - c. The total width of the mast head (including antennas) shall be no more than 4.5m; and
 - d. All antennas shall be placed on mast head, with none attached directly to the mast pole.
3. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009. Any mast and associated antennas shall not exceed a diameter of 1 m for those parts of the equipment exceeding 8 m in height above ground level.
4. Antennas mounted on the roof of buildings shall not extend more than 3 m above the maximum height of the roof provided they comply with Condition 1, and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
5. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).
6. The total number of masts on site shall not exceed 1 (one).
7. The total number of antennas on the site shall not exceed 10 (ten) - being up to 9 (nine) on the existing mast and 1 (one) Global Positioning System (GPS) on the building.

Buildings

8. Any building, excluding masts, exhaust fumes, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 9m;
 - b. Front yard: 2.5m; and
 - c. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height shall be measured by a rolling height method.

Outline Plans

9. That an Outline Plan of Works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;

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- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section).

Noise

10. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

- b. At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

11. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 10 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

12. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 10 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

13. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 8am-5pm Monday to Friday, with no testing or routine maintenance permitted outside these hours.

14. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

15. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1: 1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

16. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit;
- b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling.

If evidence of contamination which has not been previously identified is discovered during works, the Requiring

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Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

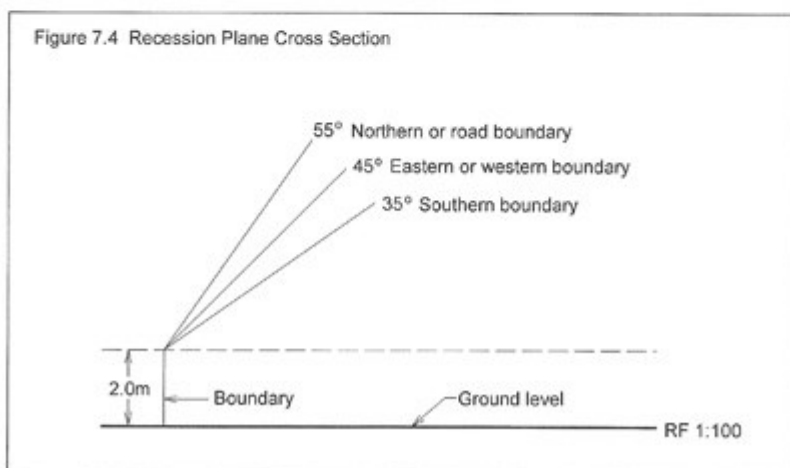
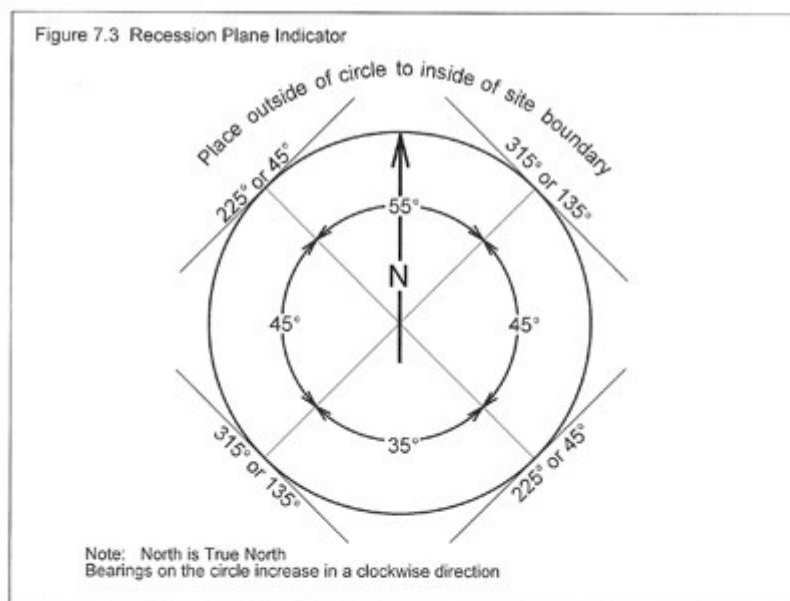
- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-6pm Monday to Friday and 8am to 1pm Saturday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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7531 Avondale Telecommunications Site

Designation Number	7531*
Requiring Authority	Telecom New Zealand Ltd
Location	6 St Jude Street, Avondale
Rollover Designation	Yes
Legacy Reference	Designation F03-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 20m above ground level (excluding any lightning rod).
2. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

Buildings

3. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height: 12.5m; and
 - b. Height in relation to boundary: shall comply with the relevant height in relation to boundary controls from any adjacent residential zone boundaries as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009 (road boundary height in relation to boundary doesn't apply in this case as it is zoned business).

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

4. That an Outline Plan of Works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section).

Noise

5. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent business zoned property:
7am - 10pm on any day: Leq 55 dB(A)
10pm - 7am on any day: Leq 45 dB(A)
 - b. At the boundary of any adjacent residential zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
6. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 5 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
7. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 5 an outline plan shall be required which demonstrates how the

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equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

8. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

9. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

10. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Advice Notes

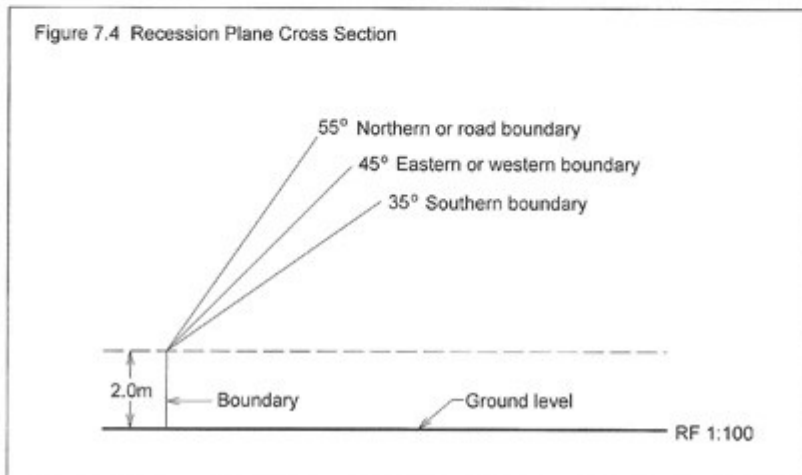
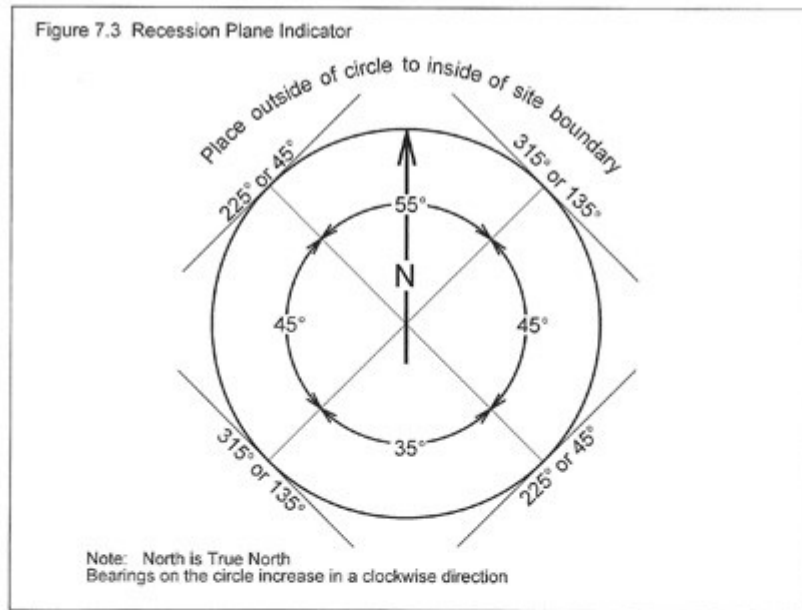
1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section

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7532 Mt Roskill Telecommunications Site

Designation Number	7532*
Requiring Authority	Telecom New Zealand Ltd
Location	2 Jasper Avenue, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation F07-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 20m above ground level (excluding any lightning rod).
2. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

Buildings

3. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
Height: 12.5

For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

4. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section).

Noise

5. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent business zoned property:
7am - 10pm on any day: Leq 55 dB(A)
10pm - 7am on any day: Leq 45 dB(A)
 - b. At the boundary of any adjacent residentially zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
6. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 5 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels and predicted new noise levels to confirm compliance with this condition.
7. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 5, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (SPO) to ensure that noise levels do not exceed a reasonable level and must not exceed existing noise levels.
8. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

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Radiofrequency

9. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in the New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Advice Notes

1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.
2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

No attachments.

7533 Blockhouse Bay Telecommunications Site

Designation Number	7533*
Requiring Authority	Telecom New Zealand Ltd
Location	135 Boundary Road, Blockhouse Bay
Rollover Designation	Yes
Legacy Reference	Designation H04-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, the antennas on the mast existing 1 January 2009 may be upgraded, reconfigured or additional antennas installed subject to there being no increase in the overall height of the mast and attached antennas.

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3. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009. Any new mast and associated antennas shall not exceed a diameter of 1m for those parts of the equipment exceeding 8m in height above ground level.

4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the roof provided they comply with Condition 1 and shall comply with the relevant height in relation to boundary controls from adjoining residential boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).

5. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

6. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of masts on the site for use by these requiring authorities shall not exceed 1(one).

7. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of antennas on the site for use by these requiring authorities shall not exceed 12 (twelve).

Buildings

8. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:

- a. Height - 8 m;
- b. Front yard - 2.5 m;
- c. Height in relation to boundary - shall comply with the relevant height in relation to boundary; controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009; and
- d. Maximum building coverage: 40%. This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

9. That an Outline Plan of Works shall not be required for

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section).

Noise

10. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent business zoned property:

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7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

b. At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

11. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 10 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

12. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 10 an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (SPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

13. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

14. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

15. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1:1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Contaminated Site

16. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or

b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring.

The Requiring Authority shall ensure the excavated materials that require off site disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Operational Planning

17. A Communication Plan shall be prepared for the site and shall include:

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- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

18. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday.

For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

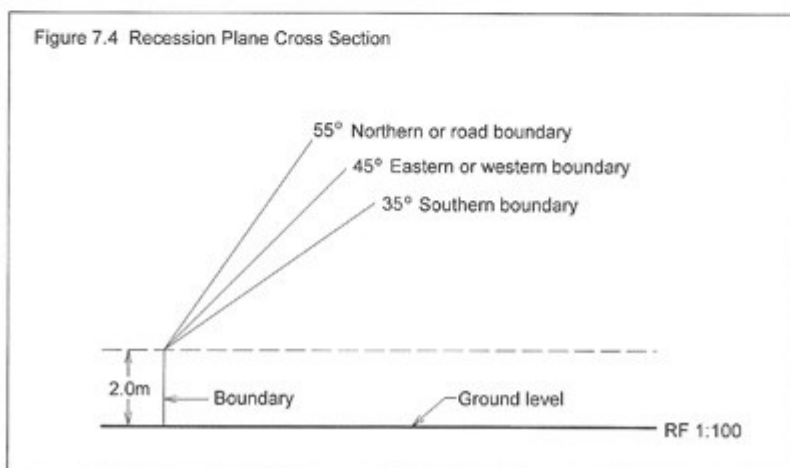
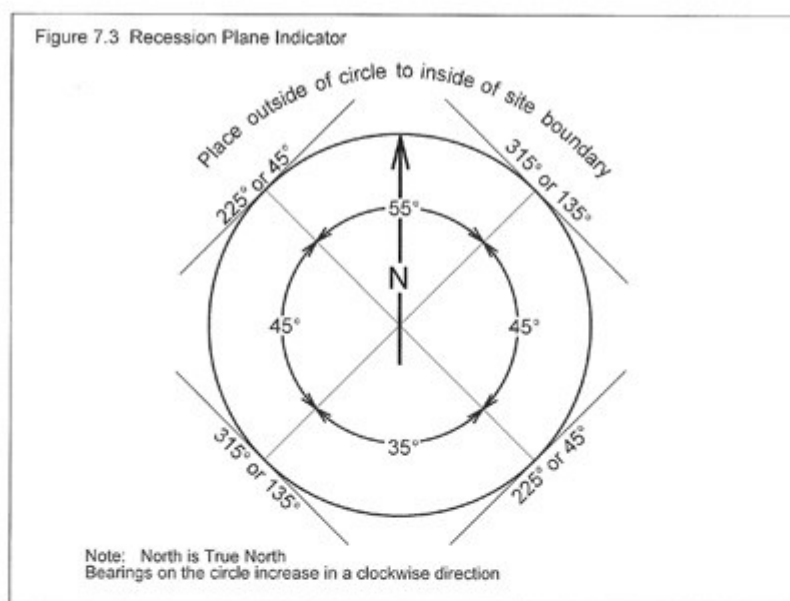
Advice Notes

1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.
2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 Recession Plane Cross Section

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7534 Onehunga Telecommunications Site

Designation Number	7534*
Requiring Authority	Telecom New Zealand Ltd
Location	58 Princes Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-55, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 20m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, the antennas on the existing mast existing 1 January 2009 may be upgraded, reconfigured or additional antennas installed subject to there being no increase in the overall height of the mast and attached antennas.
3. Any new masts and associated antennas shall comply with the relevant building in relation to boundary controls from adjoining open space land as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009.
4. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:
 - a. Height - 12.5 m; and
 - b. Height in relation to boundary - shall comply with the relevant building in relation to boundary controls from the adjoining open space zone property and the daylight controls for any mixed use zone property as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

6. That an Outline Plan of Works shall not be required for
 - a. any internal building works (excluding equipment generating external noise);
 - b. replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section).

Noise

7. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent business zoned property:
7am - 10pm on any day: Leq 55 dB(A)
10pm - 7am on any day: Leq 45 dB(A)
 - b. At the boundary of any adjacent mixed use zoned property:
7am - 10pm on any day: Leq 60 dB(A)
10pm - 7am on any day: Leq 55 dB(A)
8. Any new noise generating equipment (excluding any electricity alternator required for emergency backup

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power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 7 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels and predicted new noise levels to confirm compliance with this condition.

9. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and must not exceed existing noise levels.

10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in the New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Soil Instability/Unstable Ground

12. The site is subject to potential geotechnical hazards. The potential for earthworks or building construction to have adverse effects on the site or surrounding properties resulting from filled weak ground shall be assessed in any outline plan of works for any such activities.

Contaminated Site

13. Should an Outline Plan of Works involve earthworks and/or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit;
- b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Advice Notes

1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

2. It is possible that archaeological sites may be affected by earthworks at the site. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human

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burials. Archaeological evidence, whether recorded or not, is protected by the Historic Places Act 1993 and an authority is required from the New Zealand Historic Places Trust (NZHPT) to modify, damage or destroy an archaeological site. The applicant is advised to contact the NZHPT if the presence of an archaeological site is known or suspected. Work affecting archaeological sites is subject to a consent process under the Historic Places Act 1993. The Historic Places Act 1993 contains penalties for unauthorised site damage.

Attachments

No attachments.

7535 Otahuhu Telecommunications Site

Designation Number	7535*
Requiring Authority	Telecom New Zealand Ltd
Location	12 Piki Thompson Way, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J14-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and antennas (on a mast or a building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, the antennas on the mast existing 1 January 2009 may be upgraded, reconfigured or additional antennas installed subject to there being no increase in the overall height of the mast and attached antennas.
3. Any new masts and associated antennas shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009. Any new mast and associated antennas shall not exceed a diameter of 1 m for those parts of the equipment exceeding 8 m in height above ground level.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the roof provided they comply with Condition 1. and shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009 where antennas are mounted above the roofline (will not apply to antennas mounted against the building fascia and not extending above the roofline).
5. All antennas and support structures shall be painted or supplied in a recessive colour or supplied in a material that will weather to a dull finish (e.g. galvanised steel brackets and antenna components).

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6. The total number of masts for use by the Requiring Authority shall not exceed 1 (one) mast. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of masts on the site for use by these requiring authorities shall not exceed 1(one).

7. The total number of antennas on the site for use by the requiring authority shall not exceed 12 (twelve) antennas. For the avoidance of doubt, as both Chorus Ltd and Telecom Ltd have a designation on this site, the total number of antennas on the site for use by these requiring authorities shall not exceed 12 (twelve).

Buildings

8. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment shall be contained within the following building envelope:

- a. Height - 8 m;
- b. Front yard - 2.5 m;
- c. Height in relation to boundary - shall comply with the relevant height in relation to boundary controls from adjoining residential zone boundaries and the road boundary as included in the Auckland Council District Plan - Isthmus Section as at 1 January 2009; and
- d. Maximum building coverage: 40%. This condition shall exclude above ground diesel tanks and air conditioning plant including any associated fencing or screen enclosures.

Except the above shall not restrict the maintenance, upgrading and replacement of any existing building where it already infringes this condition provided there is no additional exceedence of the standards within this condition. For the avoidance of doubt, building height may be measured by either a rolling height method, or average height of the periphery of the building, whichever is the greater.

Outline Plans

9. That an Outline Plan of Works shall not be required for

- a. Any internal building works (excluding equipment generating external noise);
- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the Auckland Council District Plan (Isthmus Section).

Noise

10. Any new noise generating equipment (excluding any electricity alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent business zoned property:

7am - 10pm on any day: Leq 55 dB(A)

10pm - 7am on any day: Leq 45 dB(A)

- b. At the boundary of any adjacent residentially zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

11. Any new noise generating equipment (excluding any electricity alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 10 are exceeded. A noise assessment shall be submitted as part of any outline plan to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

12. For any changes or additions to the electricity alternators on the site, where the noise from all electricity alternators exceeds the noise limits in Condition 10 an outline plan shall be required which demonstrates how

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the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level and do not exceed existing noise levels.

13. The testing and routine maintenance of Electricity Alternators on site shall be restricted to the hours between 7am-10pm Monday to Sunday, with no testing or routine maintenance permitted outside these hours.

14. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

15. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in current New Zealand Standard NZS2772.1: 1999 as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Soil Instability/Unstable Ground

16. The site is subject to potential geotechnical hazards. The potential for earthworks or building construction to have adverse effects on the site or surrounding properties resulting from filled weak ground shall be assessed in any outline plan of works for any such activities.

Contaminated Site

17. Should an Outline Plan of Works involve earthworks and/ or excavation, the requiring authority shall undertake an Environmental Site Assessment (ESA) to be submitted with the outline plan of works. The ESA shall be comprised of a desktop study, a walkover of the proposed development area to identify potential contamination and soil sampling within the proposed development area. The results of the ESA shall demonstrate the level of contamination within the area of works and propose mitigation in the event that the contamination is above the regulatory guideline values for the protection of human health in the relevant zone.

Notwithstanding the above, in the case of:

- a. Removing any existing underground fuel tank, the ESA can be conducted following the removal of the tank and any material around the tank pit; or
- b. Very minor earthworks/excavations, the Council (Resource Consents Team Manager) may at their discretion waive the need to undertake an ESA and soil sampling;

If evidence of contamination which has not been previously identified is discovered during works, the Requiring Authority shall immediately cease works and notify the Team Leader: Compliance and Monitoring, and provide a detailed site contamination report and action plan to the satisfaction of the Team Leader: Compliance and Monitoring. The Requiring Authority shall ensure the excavated materials that require offsite disposal are disposed of in an appropriate landfill and provide evidence of the disposal to the Team Leader: Compliance and Monitoring.

Protected Trees

18. All excavations within the dripline of any scheduled tree shall be under the direct supervision of a competent arborist. An outline plan shall be submitted for any such works. This shall include a mitigation plan prepared by a competent arborist.

19. All work involving trimming of a scheduled tree shall be carried out by a competent arborist in accordance with accepted arboriculture practice.

20. There shall be no storage of product, materials, spoil or machinery within the dripline of any scheduled tree on site.

Operational Planning

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21. A Communication Plan shall be prepared for the site and shall include:

- a. A procedure to ensure that all contractors and staff working at the site are aware of designation conditions;
- b. Instructions to all those entering the buildings regarding actions required to respect residential neighbours; parking, talking outside, music, avoiding doors banging etc; and
- c. A procedure to advise immediate neighbours of any proposed capital works that will generate external noise or require any external work outside normal working hours of 7am-6pm Monday to Friday (incl).

20. The hours of operation for routine external maintenance and upgrade works (excluding emergency and urgent works or internal works within the exchange building) shall be between the hours of 7am-10pm Monday to Sunday. For the avoidance of doubt, this condition shall not prevent the delivery and installation of large equipment items outside of these hours where transport of such items is subject to restrictions on time of travel on public roads or road closure or traffic management is required.

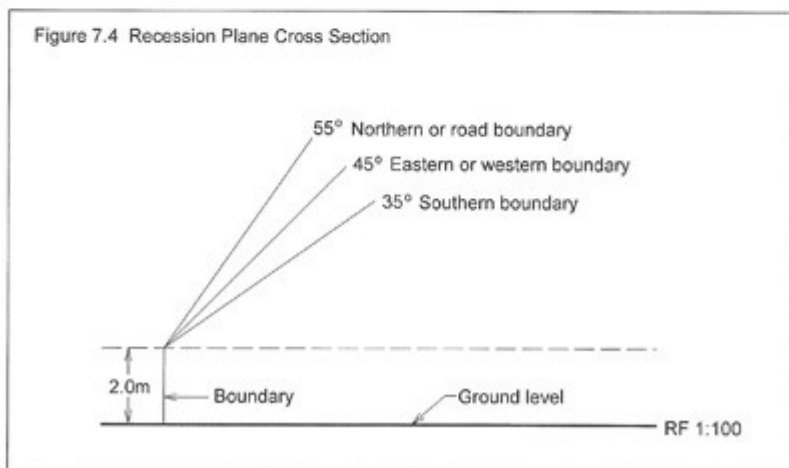
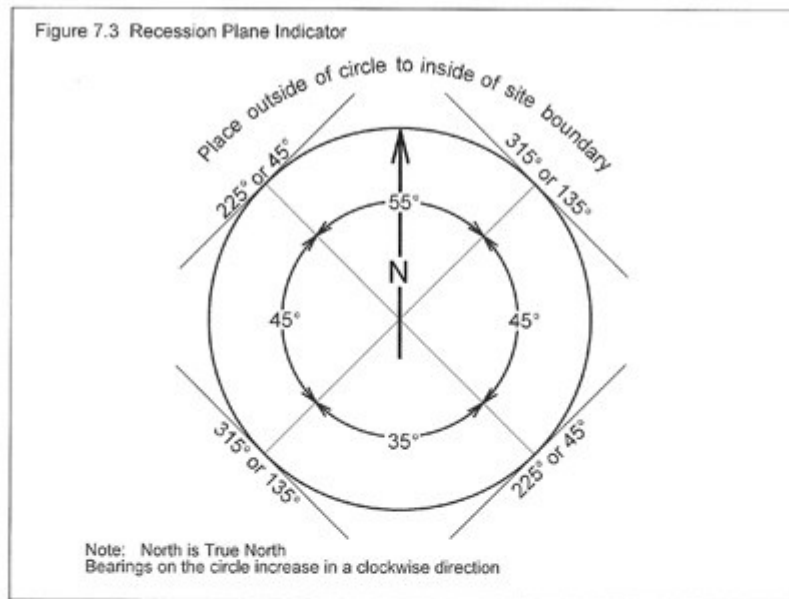
Advice Notes

- 1. Any new development, maintenance, upgrading or replacement works shall comply with the necessary requirements of the Hazardous Substances and New Organisms Act 1996.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 Recession Plane Cross Section

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7536 Pakuranga Telecommunications Site

Designation Number	7536*
Requiring Authority	Telecom New Zealand Ltd
Location	6 Grammar School Road, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 104, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits
 - a. at the boundary of any adjacent residential zoned property:
7am-10pm on any day: Leq 50 dB(A)
10pm- 7am on any day: Leq 40 dB(A)
8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 6 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.
9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

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Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 Recession Plane Cross Section

7537 Mangere Telecommunications Site

Designation Number	7537*
Requiring Authority	Telecom New Zealand Ltd
Location	63 Ashgrove Road (Corner Bader Drive), Mangere
Rollover Designation	Yes
Legacy Reference	Designation 109, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 15m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries.

Buildings

5. Any building, excluding masts, exhaust flues, antennas and air conditioning equipment, shall not exceed 8m in height. This shall not restrict any maintenance and upgrading of any existing building already infringing this standard, provided there is no additional height infringement.

Outline Plans

6. That an Outline Plan of works shall not be required for
 - a. Any internal building works (excluding equipment generating external noise);

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- b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

7. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. at the boundary of any adjacent residential zoned property:

7am-10pm on any day: Leq 50 dB(A)

10pm- 7am on any day: Leq 40 dB(A)

8. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 6 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.

9. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 7, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

10. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

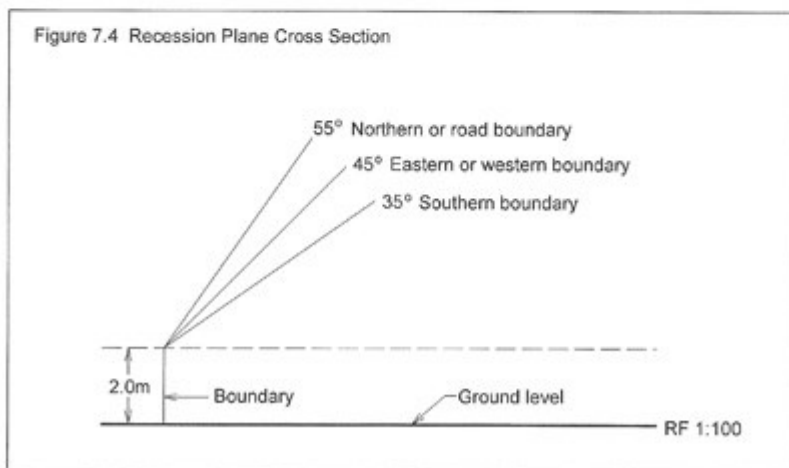
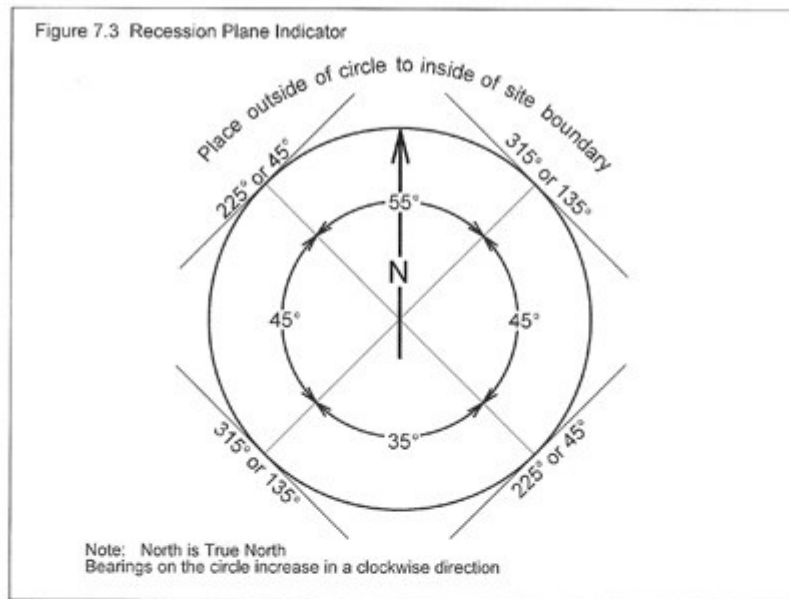
Radiofrequency Fields

11. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 Recession Plane Cross Section

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7538 Whitford Telecommunications Site

Designation Number	7538*
Requiring Authority	Telecom New Zealand Ltd
Location	7 Whitford Wharf Road, Whitford
Rollover Designation	Yes
Legacy Reference	Designation 110, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast of building) shall not exceed 15 m above ground level (excluding any lightning rod).
2. Any new mast and associated antennas shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries and road boundaries.
3. Notwithstanding Conditions 1 and 2, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Conditions 1 and 2 would otherwise not be met.
4. Antennas mounted on the roof of buildings shall not extend more than 3m above the maximum height of the highest part of the roof, provided that they comply with Condition 1, and shall comply with the height in relation to boundary controls from any adjoining residential zoned boundaries.

Outline Plans

5. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

6. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. at the boundary of any adjacent residential zoned property:
7am-10pm on any day: Leq 50 dB(A)
10pm- 7am on any day: Leq 40 dB(A)
7. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 6 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm compliance with this condition.
8. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 6, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
9. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

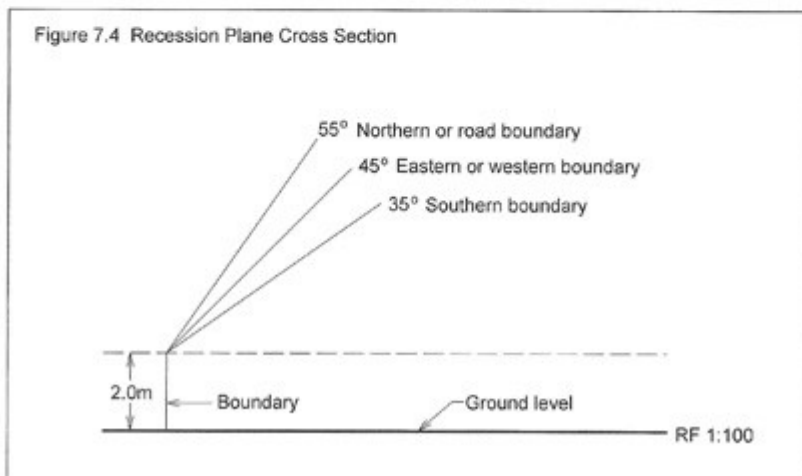
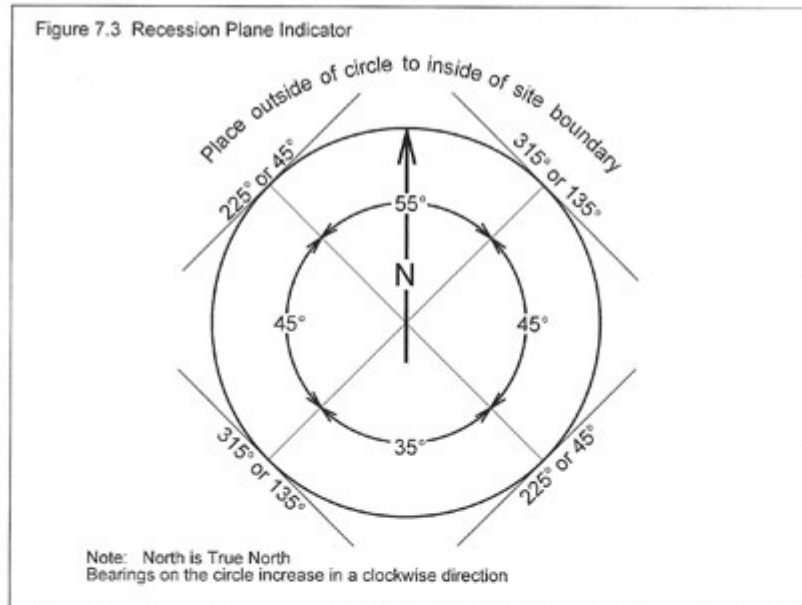
Radiofrequency Fields

10. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

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Attachments

Diagram 7.3 - Recession Plane Indicator and Diagram 7.4 - Recession Plane Cross Section



7539 Otara Telecommunications Site

Designation Number	7539*
Requiring Authority	Telecom New Zealand Ltd
Location	176 Bairds Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 112, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

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Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20 m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

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No attachments.

7540 Manukau Telecommunications Site

Designation Number	7540*
Requiring Authority	Telecom New Zealand Ltd
Location	20 Lakewood Court, Manukau City
Rollover Designation	Yes
Legacy Reference	Designation 114, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the boundary of any adjacent residential zoned property:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance

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with this condition.

6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7541 Manurewa Telecommunications Site

Designation Number	7541*
Requiring Authority	Telecom New Zealand Ltd
Location	175 Great South Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 115, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20m above ground level (excluding any lightning rod).

2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:

- Any internal building works (excluding equipment generating external noise);
- Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;

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- c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
- d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- a. At the boundary of any adjacent residential zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7542 Beachlands Telecommunications Site

Designation Number	7542*
Requiring Authority	Telecom New Zealand Ltd
Location	Whitford-Maraetai Road, Beachlands
Rollover Designation	Yes
Legacy Reference	Designation 117, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

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Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20 m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up generation) shall not exceed the following noise limits:
 - a. At the notional boundary 20m from the facade of any dwelling, or at the site boundary, whichever is closest to the dwelling:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the sit, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

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7543 Runciman Telecommunications Site

Designation Number	7543*
Requiring Authority	Telecom New Zealand Ltd
Location	180 Flanagan Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 44, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any mast and any antennas (mounted on a mast or building) shall not exceed 25 m above ground level (excluding any lightning rod).

Outline Plans

2. That an Outline Plan of works shall not be required for:
- Any internal building works (excluding equipment generating external noise);
 - Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

3. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

- At the boundary of any adjacent residential zoned property: or
- At the notional boundary 20m from the facade of any dwelling in a rural zone, or at the site boundary, whichever is closest to the dwelling:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

4. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 3 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm with the existing noise levels and predicted new noise levels to confirm compliance with this condition.

5. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators

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exceeds the noise limits in Condition 3, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

6. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

7. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7544 Pukekohe Telecommunications Site

Designation Number	7544*
Requiring Authority	Telecom New Zealand Ltd
Location	7B Hall Street, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 20, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

Masts and Antennas

1. The height of any new mast and any antennas (mounted on a mast or building) shall not exceed 20 m above ground level (excluding any lightning rod).
2. Notwithstanding Condition 1, antennas attached to masts existing as at 1 June 2012 may be upgraded, reconfigured or additional antennas installed, provided that there is no overall increase in height where Condition 1 would otherwise not be met.

Outline Plans

3. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

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Noise

4. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:

a. At the boundary of any adjacent residential zoned property:

7am - 10pm on any day: Leq 50 dB(A)

10pm - 7am on any day: Leq 40 dB(A)

5. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 4 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.

6. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 4, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.

7. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

8. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

7545 Puketutu Telecommunications Site

Designation Number	7545*
Requiring Authority	Telecom New Zealand Ltd
Location	75 Main Road (near Puketutu Road), Bombay
Rollover Designation	Yes
Legacy Reference	Designation 36, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a secondary designation. Chorus New Zealand Ltd has the primary designation on the site pursuant to section 69XJ(3) of the Telecommunications Act 2001. See also: *New Zealand Gazette* No 180, 23 November 2011, pages 5223-5226.

Purpose

Telecommunication and radiocommunication and ancillary purposes.

Conditions

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Outline Plans

1. That an Outline Plan of works shall not be required for:
 - a. Any internal building works (excluding equipment generating external noise);
 - b. Replacement of equipment where the new equipment is of a similar size in height, breadth and depth and subject to compliance with noise conditions set out below;
 - c. The replacement of any antennas with antennas of similar size provided that there is no increase in the overall height of the facility;
 - d. General site maintenance and repair work, or boundary fencing otherwise permitted by the District Plan.

Noise

2. Any new noise generating equipment (excluding any engine alternator required for emergency back-up power generation) shall not exceed the following noise limits:
 - a. At the notional boundary 20m from the facade of any dwelling, or at the site boundary, whichever is closest to the dwelling:
7am - 10pm on any day: Leq 50 dB(A)
10pm - 7am on any day: Leq 40 dB(A)
3. Any new noise generating equipment (excluding any engine alternator required for emergency backup power generation) shall cumulatively in combination with any other noise generating equipment on the site not result in any increase in existing noise levels received at any other property boundary where the noise levels in Condition 2 are exceeded. A noise assessment may need to be submitted as part of any outline plan (depending on circumstances such as the nature of the noise generating equipment, remoteness of the site, and proximity to sensitive boundaries) to confirm the existing noise levels and predicted new noise levels to confirm compliance with this condition.
4. For any changes or additions to the engine alternators on the site, where the noise from all engine alternators exceeds the noise limits in Condition 2, an outline plan shall be required which demonstrates how the equipment and any mitigation is the best practicable option (BPO) to ensure that noise levels do not exceed a reasonable level.
5. The requiring authority shall adopt the best practicable option to ensure emission of noise from its designated site does not exceed a reasonable level.

Radiofrequency Fields

6. Any equipment transmitting radiofrequency energy shall comply with the exposure levels stated in New Zealand Standard NZS2772.1:1999 or any successor standard as required by the National Environmental Standards for Telecommunications Facilities at any place where the public has reasonable access.

Attachments

No attachments.

Television New Zealand Ltd

Designation Schedule - Television New Zealand Ltd

Number	Purpose	Location
8300	Television broadcasting centre ...	100 Victoria Street, Auckland Central
8301	Microwave transmission corridor	100 Victoria Street, Auckland Central to 539 Scenic Drive, Waiatarua
8302	Satellite earth station transmission path - areas subject to height restrictions	100 Victoria Street, Auckland Central to airspace north and west

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8300 Television Broadcasting Centre

Designation Number	8300
Requiring Authority	Television New Zealand Ltd
Location	100 Victoria Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 300, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Television broadcasting centre including offices, studios, production facilities, technical services and facilities, transmission equipment, and associated storage and car parking.

Conditions

1. Maximum Height

The height of any building shall not exceed 50m except that a transmission tower not exceeding 25m² in plan area may be erected to a height not exceeding 72m above mean sea level.

2. Rooftop Control

a. Rooftop projections including towers, turrets, chimneys, lift towers, machinery rooms and water towers which exceed the height of all parts of a parapet surrounding the roof on which the projections are located, shall be enclosed in either a single structure or a maximum of three structures.

b. All floor space forming part of rooftop projections that meet the requirements of this rule is excluded from the calculation of gross floor area for the development.

3. Floor Area Ratio

The floor area ratio for the site shall not exceed 4:1 provided that it may be increased to a maximum total floor area ratio of 6:1 through the provision of bonuses in accordance with condition 4 below.

4. Bonus Floor Area

a. The amount of bonus floor area shall be calculated in accordance with Figure A and, where appropriate, conditions 4.1, 4.2 and 4.3 below.

b. The area of a feature for which a bonus is obtained cannot be claimed for twice.

Figure A:

Bonus Feature	Bonus Floor Area Available per Square Metre of Feature Provided	Maximum Floor Area Ratio Limit to Bonuses on a Site
Activities		
Accommodation (including Non Permanent Accommodation)	2m ²	2:1
Pre-school facility	3m ²	1:1
Rest room	3m ²	1:1

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Plaza	3m ²	1:1
Escalators	500m ² per pair	0.5:1
Light and outlook	See condition 4.1	
Through-site links	See condition 4.2	0.5:1
Works of art	See condition 4.3	1:1

4.1 Light and Outlook

A bonus will be awarded where that part of a building to which CFA relates is reduced in coverage as set out in Figure B.

Figure B:

Where:	Bonus FAR equals
a. $\frac{CFA}{SA} < 0.3$	1.5:1
b. $0.3 \leq \frac{CFA}{SA} \leq 0.8$	$\frac{2.4 - (3 \times CFA)}{SA} : 1$
c. $\frac{CFA}{SA} \geq 8.0$	Nil

SA = site area

4.2 Through-site links

a. The through-site link bonus applies to lanes, arcades and covered links which provide a separately defined, continuous and clearly identifiable public walkway taking the most direct route and providing a shorter and more convenient route than the existing alternative.

b. The bonus floor area achievable per square metre of through-site link provided shall be calculated in accordance with the ratio L1:L2 where: L1 = The shortest distance between points A and B measured along the road boundary. L2 = The shortest pedestrian route between points A and B.

c. Subject to the maximum FAR limited for a through-site link bonus set out in Figure A:

- i. the bonus floor area available per square metre of through-site link provided shall not exceed 10m² (ie where L1:L2 = 10:1); and
- ii. the bonus floor area available per square metre of through-site link provided shall be no less than 5m² (ie where L1:L2 = 5:1 or less) provided that through-site links that attain less than 2m² shall not be eligible for a bonus.

d. For the purpose of these measurements the following terms apply:

- i. Road boundary includes the shortest distance between points at either end of a pedestrian access which is protected by a registered easement or similar form of dedication;
- ii. No part of a through-site link is counted more than once for the measurement of L2;
- iii. Where escalator pairs are included in the through-site link they count as having zero distance except that the separate bonus available for escalator pairs still applies;
- iv. Where a single escalator is included in a through-site link, the calculation of L2 includes the plan distance of the escalator; and
- v. Where stairs are included in a through-site link their actual travel distance applies.

4.3 Works of Art

a. Bonus floor area is available at the ratio of 5% extra floor area for each 1% of total construction cost spent on

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the commission and execution of the work of art.

b. For the purpose of calculating the extra floor area which can be claimed, 5% shall be taken off the total floor area which has resulted from the addition of:

- i. The floor area permitted by the basic floor area ratio;
- ii. All bonus floor area claimed and awarded (apart from the extra floor area claimed for provision of a work of art);
- iii. Areas contained within a building occupied by pedestrian facilities for which consent has been granted; and
- iv. Areas in entrance foyer/lobby or part thereof being a primary means of access to a building which is open to the public, is accessed directly from a public place and has an overhead clearance of not less than 6m.

c. A certificate prepared and signed by a registered quantity surveyor or registered architect shall be supplied to the Council to verify the total construction cost, land cost and cost of the proposed work of art.

d. If a fraction of the 1% of total construction cost is spent on the commission and execution of the work, the amount of extra floor area granted shall be increased or reduced in the same proportion.

5. Screening

Where any outdoor storage, service or refuse disposal area adjoins or directly faces a road or other public open space or a residential precinct, such areas, excluding access ways to off street loading bays, shall be screened from the road, public open space or residential precinct by a solid wall or fence not less than 1.8m in height.

6. Parking and Loading

6.1 The maximum number of parking spaces shall not exceed one space per 200 sqm of GFA.

6.2 The following shall be the minimum number of loading spaces to be provided:

Gross Floor Area of Activity (sq m)	Number of Loading Spaces
0 - 20,000	1
20,001 - 50,000	2 (one on-street for courier services)
Over 50,000	3 + 1 per 37,160 sq m (one on-street for courier services)

6.3 The area of any required loading and permitted parking space(s), vehicular access drives and aisles provided within a building shall be excluded from the assessment of gross floor area of that building for the purpose of ascertaining the total number of spaces required.

6.4 Where an assessment of the permitted parking or required loading standards results in a fractional space, any fraction under one half shall be disregarded and any fraction of one half or more shall be counted as one space.

7. Formation of Parking and Loading Areas

7.1 Every permitted parking and/or required loading space shall:

- a. Have dimensions in accordance with Table A Manoeuvring & Parking Space Dimensions;
- b. Be provided with such access drives and aisles as necessary for vehicles travelling to and from the road, and for the manoeuvring of vehicles within the site; and
- c. Be located on the same site as the activity to which it relates, be available at all times and shall have adequate useable access to that activity or building. Each loading space shall be adjacent to an adequate area for goods handling and shall be convenient to any service area or service lift.

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7.2 In addition, every loading space shall be of useable shape and shall be of the following dimensions:

- a. Not less than 8m in depth;
- b. Notwithstanding anything to the contrary in paragraph a) above, for articulated vehicles, not less than 11m in depth; and
- c. For adequate manoeuvring, not less than 3.5m in width, or such greater width as is required) not less than 3.8m in height.

7.3 All parking and loading spaces, access drives, manoeuvring areas and aisles shall be formed, provided with an all-weather surface, drained, marked out or delineated, and maintained.

7.4 Required loading areas must be kept clear and available at all times, free of charge and impediment, for vehicles used in conjunction with the particular activity to which the loading spaces relate on the site, and shall not be used for the depositing or storage of any goods or materials or for any other purpose.

7.5 The maximum gradients for parking surfaces and floors shall be 1:16 transversely, and 1:20 longitudinally along the direction of the space. For service and manoeuvring areas the gradient shall not exceed 1:12.5 and shall be kept to a minimum.

7.6 Where a parking or manoeuvring area is adjacent to a road, a kerb or similar barrier, not less than 150mm high and at least 600mm from the road boundary, shall be provided on those parts of the frontage not used for vehicular access.

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Table A - Manoeuvring and parking space dimensions:

Parking Angle	Width of Parking Space	Kerb Overhang	Depth of Parking Space	Manoeuvring Space	Total Depth One Row	Total Depth Two Rows
90° Regular Users*	2.3(a)	1.0	4.9	8.3	13.2	18.1
	2.4(b)			7.1	12.0	16.9
	2.5			6.7	11.6	16.5
	2.6			6.3	11.2	16.1
	2.7			5.9	10.8	15.7
	≥2.75			5.9	10.8	15.7
90° Casual Users*	2.5	1.0	4.9	8.1	13.0	17.9
	2.6			7.1	12.0	16.9
	2.7			6.7	11.6	16.5
	≥2.75			6.6	11.5	16.4
75°	2.3(a)	1.0	5.2	7.0	12.2	17.4
	2.4(b)			6.5	11.7	16.9
	2.5			6.0	11.2	16.4
	2.6			5.7	10.9	16.1
	2.7			5.0	10.2	15.4
	≥2.75			4.3	9.5	14.7
60° (3)	2.3(a)	1.0	5.2	5.0	10.2	15.4
	2.4(b)			4.6	9.8	15.0
	2.5			4.1	9.3	14.5
	2.6			3.5	8.7	13.9
	2.7			3.3	8.5	13.7
	≥2.75			3.2	8.4	13.6
45° (3)	2.3(a)	0.8	4.9	3.3	8.2	13.1
	2.4(b)			2.9	7.8	12.7
	2.5			2.7	7.6	12.5
	2.6			2.5	7.4	12.3
	2.7			2.4	7.3	12.2
	≥2.75			2.3	7.2	12.1
30° (3)	2.3(a)	0.6	4.0	2.5	6.5	10.5
	2.4(b)			2.4	6.4	10.4
	2.5			2.4	6.4	10.4
	2.6			2.4	6.4	10.4
	2.7			2.3	6.3	10.3
	≥2.75			2.3	6.3	10.3
Parallel (3)	5.9	0.4	2.5	3.6	6.1	8.6
	6.1			3.3	5.8	8.3
	6.3			3.0	5.5	8.0

* Regular users are people whose regular use gives them a familiarity with the building that permits smaller safe clearances between vehicles and parts of buildings. Casual users are people (usually short-term visitors) who would not be familiar with the building layout.

Notes:

- a. Stall widths of 2.3m should only be used where users are familiar with the carpark, and parking is long term. This stall width does not meet the requirements of the Building Code.
- b. Stall widths of 2.4m should generally only be used where users are familiar with the carpark. This stall width does not meet the requirements of the Building Code for Casual Users.
- c. Minimum aisle widths are 3.5m for a one-way aisle, and 5.5m for a two-way aisle. Where an aisle serves

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more than 50 spaces, it should be designed as a circulation route in which case the minimum width for a two-way aisle increases to 6.5m. Note that the Building Code requires an extra 0.8m width where pedestrians use a vehicle circulation route.

- d. Stall widths shall be increased by 0.3m where they abut obstructions such as columns or walls.
- e. All overhang areas shall be kept clear of objects greater than 150mm in height.
- f. Where parallel end spaces have direct access through the end of the stall the length of the stall may be reduced to 5.4m.
- g. One-way traffic is assumed for angle spaces.
- h. Carparks shall have a height of at least 2.3m over the full area of the space, except where special provision is made to divert 'over-height' vehicles, in which case the minimum height may be reduced to 2.1m.
- i. Linear interpolation is permitted for stall width, parking angle and aisle width.

8. Access

8.1 Access to Site

a. Every parking and loading space shall have access from a road, in accordance with the following standards:

- i. For carparks not providing access to loading, an unobstructed carriageway not less than 4.5m wide or entrance and exit carriageways, each not less than 2.4m wide.
- ii. For access to loading, an unobstructed carriageway not less than 6m wide or entrance and exit carriageways, each not less than 3m wide.
- b) All bends in the carriageway are to be designed in accordance with the appropriate design vehicle.
- c. The grade of access shall not be steeper than 1 in 4 for carparks not providing access to loading, and 1 in 8 for access to loading. For curved ramps and driveways, the gradient is measured along the inside radius. Ramps or driveways terminating on a grade steeper than 1 in 20 prior to the road reserve shall be provided with a platform not steeper than 1 in 20, located adjacent to the road boundary. For land not providing access to loading, the length of the platform shall not be less than 4m, and for land providing access to loading, not less than 6m. Where the driveway gradient is steeper than 1 in 8, a transition section will be required to avoid inadequate ground clearance.
- d. No building or building platform served by the access is to be more than 90m from a fire hydrant.
- e. Where the width of a carriageway is less than 3m it is to be contained within a corridor 4.5m high and clear of buildings or parts of buildings.

8.2 Vehicular access over footpaths

a. Vehicular crossing over footpaths shall comply with the following:

- i. No more than one crossing will be permitted. However, additional crossings may be approved as a restricted discretionary activity.
- ii. The maximum width of any crossing at the road frontage boundary of the site shall be 6m.
- iii. The total crossing width for any front or corner site shall not exceed 50% of the frontage to any road in which it is placed.
- iv. Any access shall be so graded as to abut the road boundary at the relative level of the existing footpath.
- b. Where entrance locations are altered, crossings no longer required shall be reinstated as verge and/or footpath and the kerbs replaced.

8.3 Reverse manoeuvring

Sufficient space shall be provided on the site so that no reverse manoeuvring on or off the road is necessary by the vehicles using the parking or loading space.

9. Definitions Average floor area

Average Floor Area (AFA) is the average of the horizontal areas measured at 1.5 metres above all floor levels from the external faces of the building, including all voids and the thickness of external and internal walls, provided that:

- a. Basement space as defined in this rule shall be exempt from the AFA calculation;
- b. Approved pedestrian amenities and facilities such as through-site links, footpaths widening and escalators

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shall be exempt from the calculation;

c. For sites with a gross site area greater than 2,000 square metres, where the horizontal area at any floor level totals less than 400 square metres, then the horizontal area at that level shall be deemed to be 400 square metres for the purpose of calculating AFA;

d. A void forming an integral part of an entrance lobby - foyer (being a primary means of public access to a building) which is open to the public and accessed directly from a public place, shall be exempt from the AFA calculation. Basement means any building storey the greater part of the volume of which is below mean street level. Except that for the purpose of calculating average floor area (AFA) and gross floor area (GFA) for a building on a through-site basement means for AFA and GFA:

i) any space within any building storey where the greater part of the volume of that storey is below the mean street level of the lower frontage

ii) any space used for carparking (including manoeuvring areas, access aisles and access ramps) occupying any building storey the greater part of the volume of which is below mean street level of the upper frontage to the midpoint measured horizontally between the upper frontage and the lower frontage (see diagram below).

Calculated floor area (CFA) Average floor area calculated by averaging the area of that floor or part of the floor immediately below a horizontal plane 12.5 metres above mean street level and all floors above that plane. Floor area ratio Floor area ratio (FAR) means the relationship between building gross floor area and land area of the site, and is expressed by the formula:

$$\text{FAR} = \frac{\text{gross floor area}}{\text{land area of the site}}$$

For the purpose of computing FAR, land area of the site excludes:

a. Any part of adjoining roads and any portion of the site affected by building lines for the purpose of future road widening unless specifically provided for in this Plan.

b. Any part of the site which is made up of the an interest in any airspace above or subsoil below a road. Gross floor area Gross floor area (**GFA**) is the sum of the gross of the several floors of all buildings on a site measured from the exterior faces of the exterior walls, or from the centre lines of walls separating two buildings or, in the absence of walls, from the exterior edge of the floor. The measurement point shall be at 1.5 metres above floor level, except for terraces (open or roofed), external balconies and porches when the measurement point shall be at floor level. In particular gross floor area includes:

a. Voids except as otherwise provided, where vertical distance between storey levels exceeds 6.0 metres, the gross floor area of the building or part of the building so affected shall be taken as the volume of that airspace in cubic metres divided by 3.6.

b. Basement space except as specifically excluded by this definition.

c. Elevator shafts, stairwells and lobbies at each floor unless specifically excluded by this definition.

d. Interior roof space providing headroom of 2.0 metres or more whether or not a floor has been laid.

e. Floor spaces in interior balconies and mezzanines.

f. Floor space in terraces (open or roofed), external balconies, porches if more than 75% of the perimeter of these spaces is enclosed, except that a parapet not higher than 1.2 metres or a railing not higher than 1.4 metres shall not constitute an enclosure.

g. Car parking spaces permitted including driveways, aisles and manoeuvring aisles other than car parking in basement space.

h. All other floor space not specifically excluded. The gross floor area of the building shall not include:

i. Uncovered steps

ii. Interior roof space and storage areas having less than 2.0 metres headroom;

iii. Floor space in terraces (open or roofed), external balconies, or porches where not more than 75% of the perimeter of these spaces is enclosed and where a parapet not higher than 1.2 metres or a railing not higher than 1.4 metres does not constitute an enclosure;

iv. Pedestrian facilities approved by the Council and eligible for bonus floor space;

v. Pedestrian circulation space;

vi. Basement space for stairs, escalators and elevators essential to the operation of a through-site link whether or not such a link qualifies for bonus floor space, or servicing a floor used primarily for car parking or loading;

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- vii. Other basement space to an equivalent maximum FAR of 1 except that the space excluded shall not be used in the calculation of permitted parking
- viii. Required off-street loading spaces;
- ix. Car parking in basement space (including manoeuvring areas, access aisles and access ramps) except that the space excluded shall not be used in the calculation of permitted parking;
- x. Non-habitable floor space in rooftop structures; and
- xi. any entrance foyer/lobby or part of it including the void forming an integral part of it (being a primary means of access to a building), which is open to the public, is accessed directly from a public place and has an overhead clearance of not less than 6.0 metres. Rooftop includes the roof of building podiums in addition to its ordinary meaning.

Rooftop projections do not include:

- i. Any part of a building included in the definition of gross floor area.
- ii. Any roof top ornamental projections including finials, turrets, towers, cupola, pediments and cornices integral to the design of the building; and
- iii. Telecommunications antennas and aerials. Total construction cost For the purposes of condition

4.3 Total Construction

Cost means the total cost of completing the development (or in the case of an existing development, the replacement cost of that development) for which extra floor area is claimed to be an initial tenantable condition, including all external and internal structural walls of the building to a finished standard (but excluding nonstructural partitioning and furnishings); all building services; floor coverings; and all site works but not including land cost or the cost of the proposed work of art.

Attachments

No attachments.

8301 Microwave Transmission Corridor

Designation Number	8301*
Requiring Authority	Television New Zealand Ltd
Location	100 Victoria Street West, Auckland Central to Ponsonby Road, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation 301, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

* Indicates this is a joint Television New Zealand Ltd and Kordia Ltd (Designation 3300) designation from 100 Victoria Street West, Auckland Central to Ponsonby Road, Ponsonby. Kordia Ltd designation only from Ponsonby Road to 501 Scenic Drive, Waikarua.

Purpose

Microwave Transmission Corridor - a protection corridor of specified height (elevation above sea level) and width through which no building, structure or tree can pass to ensure continuity of a microwave linking / transmission path from the TVNZ Broadcasting Centre at 100 Victoria Street West, Central Auckland to the Waikarua Transmission Station at 539 Scenic Drive, Waikarua.

Conditions

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1. All masts, antennas, aerials and other facilities must comply with New Zealand Standard NZS6609: 1990 or any amendments, at all times.

The following table shows, at specific points along the path of the corridor, the width of the corridor and the base-height of the corridor. Intermediate widths and heights shall be determined by extending straight lines between adjacent points.

Path Length (KM)	Corridor Width (m)	Maximum Obstruction Height above Mean Sea Level (m)
0.000 (a)	6.8	62.6
0.025	6.8	63.0
0.050	6.8	63.4
0.075	6.8	63.8
0.100	6.8	64.2
0.125	6.8	64.6
0.150	6.8	65.0
0.175	6.8	65.4
0.200	6.8	65.8
0.225	6.8	66.2
0.250	6.8	66.6
0.275	6.8	67.0
0.300	6.8	67.3
0.325	6.8	67.7
0.350	6.8	68.1
0.375	6.8	68.5
0.400	6.8	68.9
0.425	6.8	69.3
0.450	6.8	69.7
0.475	6.8	70.1
0.500	6.8	70.5
0.525	6.8	70.9
0.550	6.8	71.3
0.575	6.8	71.7
0.600	6.8	72.1
0.625	6.8	72.5
0.650	6.8	72.9
0.675	6.8	73.3
0.700	6.8	73.7
0.725	6.8	74.1
0.750	6.8	74.5
0.775	6.8	74.9
0.800	6.8	75.3
0.825	6.8	75.7
0.850	6.8	76.1
0.875	6.8	76.5
0.900	6.9	76.8
0.925	7.0	77.2
0.950	7.1	77.6
0.975	7.2	77.9
1.000	7.3	78.3

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Path Length (KM)	Corridor Width (m)	Maximum Obstruction Height above Mean Sea Level (m)
1.10	7.6	79.7
1.20	7.9	81.1
1.30	8.2	82.6
1.40	8.5	84.1
1.50(b)	8.8	85.5
1.60	9.1	87.0
1.70	9.3	88.5
1.80	9.6	90.0
1.90	9.8	91.5
2.00	10.0	93.0
2.10 (c)	10.2	94.5
2.20	10.4	96.1
2.30	10.6	97.6
2.40	10.8	99.1
2.50	11.0	100.7
2.60	11.2	102.2
2.70	11.4	103.8
2.80	11.6	105.3
2.90	11.7	106.9
3.00	11.9	108.4
3.10	12.1	110.0
3.20	12.2	111.6
3.30	12.4	113.2
3.40	12.5	114.7
3.50 (d)	12.7	116.3
3.60	12.8	117.9
3.70	12.9	119.5
3.80	13.1	121.1
3.90	13.2	122.7
4.00	13.3	124.3
4.5	13.9	132.4
5.0	14.4	140.6
5.5	14.8	148.8
6.0	15.2	157.2
6.5	15.5	165.6
7.0	15.8	174.2
7.5	16.0	182.8
8.0	16.2	191.4
8.5	16.3	200.2
9.0	16.4	209.0
9.5	16.4	218.0
10.0	16.4	227.0
10.5	16.4	236.0
11.0	16.3	245.2
11.5	16.1	254.4
12.0	15.9	263.7
12.5	15.7	273.1

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Path Length (KM)	Corridor Width (m)	Maximum Obstruction Height above Mean Sea Level (m)
13.0	15.4	282.6
13.5	15.1	292.1
14.0	14.7	301.8
14.5	14.2	311.5
15.0	13.7	321.3
15.5	13.1	331.2
16.0	12.4	341.2
16.5	11.6	351.4
17.0	10.6	361.6
17.5	9.6	372.0
18.0	8.2	382.5
18.5	6.8	393.2
19.0	6.8	403.2
19.1	6.8	405.2
19.2	6.8	407.2
19.3 (e)	6.8	409.2

Key specific points:

- a. Network Centre;
- b. Ponsonby Road;
- c. Corner of Richmond Road and Chamberlain Street;
- d. Corner of Old Mill Road and West View Road; and
- e. Waiaataru.

2. Any significant increase in radio frequency energy levels from this source shall comply with the Auckland City Consolidated Bylaw 1991 and any statutory regulation controlling radio frequency exposure levels.

Attachments

Cross-sections of Land Contour and Path Height

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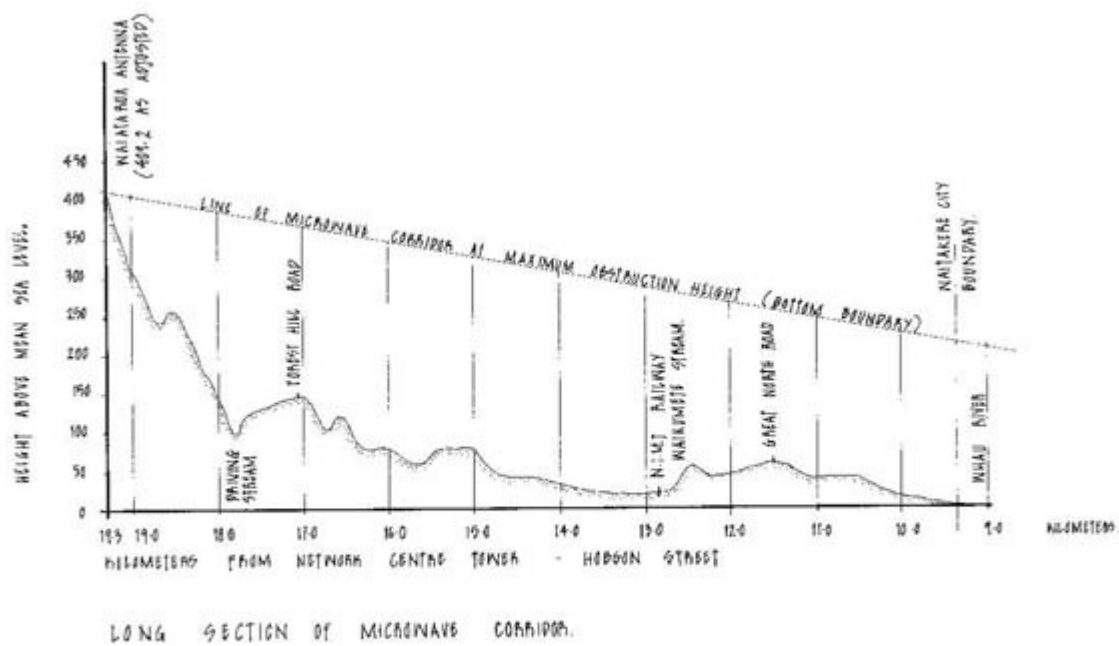


Diagram BCL2

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Kordia Technical Paper on Corridor Dimension and Radio Frequency Emissions

[Click here for PDF](#)

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8302 Satellite Earth Station Transmission Path

Designation Number	8302
Requiring Authority	Television New Zealand Ltd
Location	100 Victoria Street West to airspace north and west, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 302, Auckland Council District Plan (Central Area Section) 2005; and Designation B07-90, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Satellite earth station transmission path - areas subject to height restrictions.

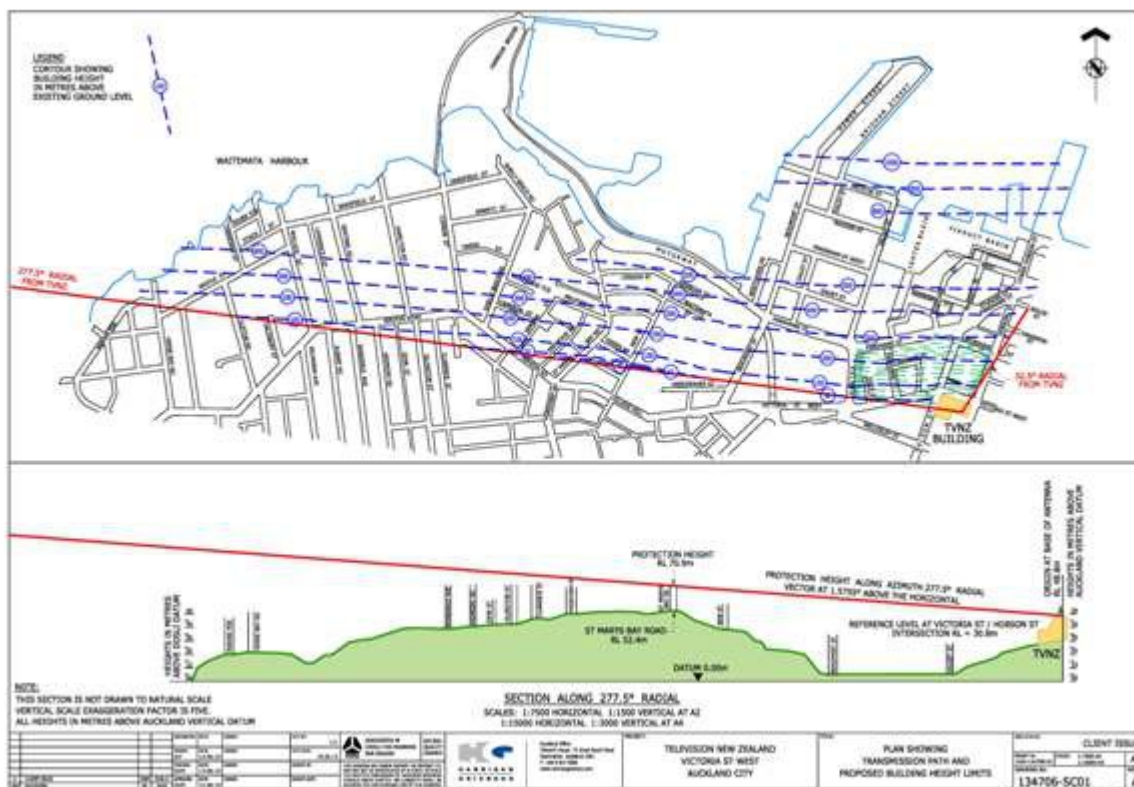
The areas subject to height restrictions are shown in diagram in Attachment 1.

Conditions

1. All masts, antennas, aerials and other radiocommunication facilities must comply with New Zealand Standard NZS2772.1:1999 or any amendments, at all times.

Attachments

TVNZ Satellite Earth Station Transmission Path - Proposed Building Height Limits (Drawing 134706-SC01 RevA)



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Transpower New Zealand Ltd

Designation Schedule - Transpower New Zealand Ltd

Number	Purpose	Location
8500	Electricity transmission - electricity transmission tower site and associated overhead transmission lines...	161 Ash Street, Avondale
8501	Electricity transmission - Penrose electricity substation	19 Gavin Street, Penrose
8502	Electricity transmission - overhead electricity transmission lines ...	Gavin Street (opposite No. 19), Ellerslie to Tamaki River (Panmure Bridge), Panmure
8503	Electricity transmission - Mount Roskill electricity substation	11-39 White Swan Road, Mount Roskill
8504	Electricity transmission - overhead electricity transmission lines ...	37 Boundary Road, Avondale
8505	Electricity transmission - tower site and associated overhead lines ...	39 Haycock Avenue, Mount Roskill
8506	Electricity transmission - tower site and associated overhead lines ...	135A, 137 and 137A Barrack Road, Mount Wellington
8507	Electricity transmission - the construction, operation and maintenance of underground transmission lines ...	19 Gavin Street to 109 Golfland Drive, Pakuranga
8508	Electricity transmission - tower site and associated overhead transmission lines ...	716 Richardson Road, Mount Roskill
8509	Electricity transmission - tower site (Tower 9) and associated overhead transmission lines ...	Luke Street (adjoins State Highway 1), Otahuhu
8510	Electricity transmission - Glenbrook electricity substation	Whitham Road, Glenbrook
8511	Electricity transmission - Bombay electricity substation	153 Barber Road, Bombay
8512	Electricity transmission - the construction, operation and maintenance of that part of a 400kV capable transmission line ...	231 Whitford Park Road, Whitford to the vicinity of Paparimu Road (Waikato District Council Boundary), Pokeno
8513	Electricity transmission - the operation, maintenance and upgrade of the existing Otahuhu Substation, the construction of a new 220kV substation, installation of 220kV underground cable circuits ...	1 Gridco Road and 2 Helabys Road, Otara
8514	Electricity transmission - the ongoing use, maintenance and operation of the Pakuranga Electricity Substation, the development of the substation site ...	109 Golfland Drive, Pakuranga
8515	Electricity Transmission - the construction, operation and maintenance of a transition station to connect the underground cable and overhead lines ...	16 Umbria Lane (near Brownhill Road), Whitford
8516	Electricity Transmission - the construction, operation and maintenance of a double circuit underground 220kV cable ...	143 Brownhill Road, Whitford to 109 Golfland Drive, Howick
8517	Electricity transmission - the construction, operation and maintenance of a double-circuit underground 220kV cable ...	143 Brownhill Road, Whitford to 26-28 Kaitawa Street, Otara

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8518	Electricity transmission - Albany electricity substation	29 Bass Road, Albany
8519	Electricity transmission - the installation, maintenance, repair, replacement, inspection and operation of two 220kV underground electricity transmission lines ...	410 Albany Highway to State Highway 1 (Constellation Drive), Rosedale
8520	Electricity transmission - Takanini electricity substation	65 Airfield Road, Takanini
8521	Electricity transmission - the construction, operation, maintenance, replacement, renewal and upgrading of a 220kV switchyard, transmission lines, and ancillary facilities	261 Quarry Road, Drury
8522	Electricity transmission - Wellsford electricity substation	69 School Road, Wellsford
8523	Electricity transmission - Silverdale electricity substation	83-91 Foundry Road, Silverdale
8524	Electricity transmission - Huapai electricity substation	108 Matua Road, Huapai
8525	Electricity transmission - Henderson electricity substation	1-12, 41-49 and 35 Lincoln Park Avenue, Massey
8526	Electricity transmission - Hepburn Road electricity substation	167-217 Hepburn Road, Glendene
8527	Electricity transmission - Rua o te Whenua telecommunications facility	600 Scenic Drive, Waikaraka
8528	Electricity transmission - the Massey North Underground Cable Project, comprising a 110kV underground transmission line ...	167-217 Hepburn Road, Glendene 13 Westgate Drive, Massey to 97D Fred Taylor Drive, Whenuapai
R8529	Electricity transmission - Mangere electricity substation	11, 14 and 16 Driver Road and 307 Massey Road, Mangere
R8530	Electricity transmission - Hobson Street electricity substation	13-21 Hobson Street, Auckland City
R8531	Electricity transmission - Wairau Road electricity substation	4A Wairau Road, Takapuna
R8532	Electricity Transmission - the operation, maintenance and upgrading of underground transmission lines comprising of two 110kV cable circuits and termination structures to convey electricity between Otahuhu and Penrose	Highbrook Business Park, Highbrook

8500 Ash Street Transmission Lines

Designation Number	8500
Requiring Authority	Transpower New Zealand Ltd
Location	161 Ash Street, Avondale
Rollover Designation	Yes
Legacy Reference	Designation F02-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - electricity transmission tower site (Tower 69) and associated overhead lines of the

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220kV Henderson to Otahuhu-A transmission line.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

2. Any new works or equipment shall be designed and constructed to limit the EMF exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

3. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Vibration

4. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Construction and Maintenance Noise

5. Subject to condition 6, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
6. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 42415	

The Proposed Auckland Unitary Plan (notified 30 September 2013)

8501 Penrose Substation

Designation Number	8501
Requiring Authority	Transpower New Zealand Ltd
Location	19 Gavin Street, Penrose
Rollover Designation	Yes
Legacy Reference	Designation F12-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - Penrose electricity substation.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

2. Subject to condition 3, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).
4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Structures.

Hazardous Substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Electric and Magnetic Fields (EMF)

8. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 μ T for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

9. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

10. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

12. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Pt Lot 1 DP 14147	

8502 Pakuranga to Penrose Transmission Lines

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	8502
Requiring Authority	Transpower New Zealand Ltd
Location	Gavin Street (opposite No. 19), Ellerslie to Tamaki River (Panmure Bridge), Panmure
Rollover Designation	Yes
Legacy Reference	Designation F12-28, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - overhead electricity transmission lines in a corridor between Penrose Substation on Gavin Street and the Tamaki River.

Conditions

1. The Panmure Basin and publicly accessible shoreline is an Outstanding Natural Feature (Schedule 150, Panmure Basin volcano) which shall not be excavated, physically investigated, damaged or altered, other than in accordance with an outline plan of works submitted and processed in terms of section 176A of the Resource Management Act 1991. This condition shall not apply to:

- a. Routine maintenance and repair of existing structures;
- b. The carrying out of minor works which in the Council's opinion would not endanger, damage, destroy, or detract from the values for which the feature has been scheduled. In assessing the effect of the works proposed the Council may consult with the New Zealand Historic Places Trust, the Geological Society of New Zealand incorporated or other heritage authority with an interest in the feature.

Cultural / Spiritual

2. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
- a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

3. Any new works or equipment shall be designed and constructed to limit the EMF exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

4. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

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Vibration

5. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Construction and Maintenance Noise

6. Subject to condition 6, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.

7. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID/Appellation	
Lot 1 DP 128773	Pt Lot 1 DP 18413
Lot 1 DP 136102	Pt Lot 1 DP 18413
Lot 1 DP 145667	Pt Lot 1 DP 18413
Lot 1 DP 63060	Pt Lot 107 DP 18101
Lot 1 DP 163061	Pt Lot 162 DP 18101
Lot 1 DP 167598	Pt Lot 3 DP 1384
Lot 108 DP 18101	Pt Lot 91 DP 18101
Lot 109 DP 18101	Pt Lot 92 DP 18101
Lot 133 DP 18101	5205090
Lot 134 DP 18101	5215297
Lot 2 DP 128773	5215674
Lot 2 DP 179111	5227489
Lot 2 DP 310596	5237361
Lot 3 DP 128773	5237381
Lot 4 DP 128773	5212526
Lot 4 DP 167598	5264070
Lot 4 DP 310596	5264072
Lot 5 DP 128773	5211511
Lot 79 DP 18101	5261971
Lot 80 DP 18101	6577753
Pt Allot 17 Sec 12 SUBURBS OF Auckland	Sec 8 SO 70377
Pt Allot 35 Sec 1 Small Lots Near Village of Panmure	Sec 5 SO 70377

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Pt Allot 36 Sec 1 Small Lots Near Village of Panmure	Lot 1 DP 51781
Pt Allot 5 Sec 4 Small Lots Near Village of Panmure	

8503 Mount Roskill Substation

Designation Number	8503
Requiring Authority	Transpower New Zealand Ltd
Location	11-39 White Swan Road, Mount Roskill
Rollover Designation	Yes
Legacy Reference	Designation G05-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - Mount Roskill electricity substation.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

2. Subject to condition 3, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics—Construction Noise at locations set out in section 6.2 of that standard.
3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).
4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

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Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Electric and Magnetic Fields (EMF)

8. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 μ T for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

9. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

10. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

12. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 141985	Lot 2 DP 141985

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8504 Boundary Road Transmission Lines

Designation Number	8504
Requiring Authority	Transpower New Zealand Ltd
Location	37 Boundary Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation G05-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - overhead electricity transmission lines that form part of the Hepburn to Mt Roskill-A 110kV transmission line.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

2. Any new works or equipment shall be designed and constructed to limit the EMF exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

3. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Vibration

4. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Construction and Maintenance Noise

5. Subject to condition 6, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.

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6. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Pt Lot 7 DP 43155	

8505 Haycock Avenue Overhead Electricity Transmission Lines

Designation Number	8505
Requiring Authority	Transpower New Zealand Ltd
Location	39 Haycock Avenue, Mount Roskill
Rollover Designation	Yes
Legacy Reference	Designation G05-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - tower site and associated overhead lines of the Henderson to Mt Roskill-A and Hepburn to Mt Roskill-A 110kV transmission lines.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

2. Any new works or equipment shall be designed and constructed to limit the EMF exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission

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system).

Radio Frequency Interference

3. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Vibration

4. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Construction and Maintenance Noise

5. Subject to condition 6, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.

6. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 20 DP 48241	

8506 Barrack Road Overhead Electricity Transmission Lines

Designation Number	8506
Requiring Authority	Transpower New Zealand Ltd
Location	135A, 137 and 137A Barrack Road, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation G13-13, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission- tower site and associated overhead lines of the Otahuhu to Penrose-A and Penrose-B, and Pakuranga to Penrose A 110kV transmission lines.

Conditions

Cultural / Spiritual

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1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

2. Any new works or equipment shall be designed and constructed to limit the EMF exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

3. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Vibration

4. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Construction and Maintenance Noise

5. Subject to condition 6, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
6. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 128773	Lot 2 DP 128773
Lot 3 DP 128773	Lot 4 DP 128773

8507 Pakuranga to Penrose Underground Transmission Cables

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Designation Number	8507
Requiring Authority	Transpower New Zealand Ltd
Location	19 Gavin Street to 109 Golfland Drive, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation G15-10, Auckland Council District Plan (Isthmus Section) 1999; and Designation 304, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - the construction, operation and maintenance of underground transmission lines comprising of a 220kV cable circuit to convey electricity between Pakuranga and Penrose substations.

Conditions

General

1. For the purpose of these conditions:

- a. "Council" means the Chief Executive Officer or nominee of the council.
- b. "Works" has the same meaning as in the Notice of Requirement by Transpower New Zealand Limited for a designation for "Underground Transmission Lines", dated March 2010 ("Notice of Requirement"). Subject to final design and any modification required to comply with the following conditions, the Works shall be conducted and maintained generally in accordance with the information provided by the Requiring Authority contained in:
 - i. The Notice of Requirement;
 - ii. The Land Requirement Plans; and
 - iii. Section 3 of the Assessment of Environmental Effects.

2. The designation shall lapse on the expiry of a period of 15 years after the date it is included in the District Plan in accordance with section 184(2) of the Resource Management Act 1991 ("the Act"), unless:

- a. It is given effect to before the end of that period; or
- b. The council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period for the purposes of this subsection.

Overarching Construction Management Plan

3. The Requiring Authority shall prepare an overarching Construction Management Plan ("CMP") and submit it to the Council for its review under condition 5 of this consent. The CMP shall outline the Requiring Authority's intended construction methodology for the Works and set out the framework for other management plans required for the Works or any particular part or stage of the Works to demonstrate compliance with Conditions 5 to 29, including the following matters:

- a. Storage and reuse of topsoil, including stockpiling areas;
- b. On and off site disposal of spoil;
- c. Silt and dust control during earthwork stages;
- d. Contaminated land management procedures;
- e. Land stability management;
- f. Vegetation disturbance/removal and replacement;
- g. Contractor training, including health and safety;
- h. The intended construction programme, including staging if appropriate;
- i. Temporary activities (including site offices and equipment storage areas, contractor car parking, security, and restrictions on access);

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- j. Road and traffic management (noting that Site Specific Traffic Management Plans are required pursuant to conditions 17-20);
 - k. Construction noise and vibration management;
 - l. Consultation and liaison with key stakeholders and affected parties, including any mitigation works identified to address affected utility operators; and
 - m. Construction drawings showing the route alignment (including locations of the cable and joint bays) and any known alterations required to any existing services.
4. Prior to submitting the CMP (including construction drawings) required by condition 3, the Requiring Authority shall consult with Auckland Transport on the progress of the detailed design of the AMETI project.
5. The Requiring Authority shall submit the CMP to the Council at least 3 months prior to construction commencing (unless otherwise agreed by the Council), in order to allow the Council to:
- a. Provide an interim response to the Requiring Authority within 20 working days of receipt; and
 - b. Provide a final decision as to the acceptability of the CMP (for the purposes of condition 30) within 30 working days of receipt.
6. The Requiring Authority may submit, or if requested by the Council, shall submit a revised CMP, Construction Noise and Vibration Management Plan ("CNVMP"), Communications Plan ("CP"), or Site Specific Transport Management Plan ("SSTMP") to address any significant unanticipated adverse environmental effects.

Construction Noise and Vibration

7. The Requiring Authority shall prepare a Construction Noise and Vibration Management Plan ("CNVMP") describing the measures adopted, as far as practicable, to meet the requirements of both NZS6803:1999 Acoustics — Construction Noise and the applicable vibration standards in German Standard DIN 4150-3 (1999-02) — Structural Vibration - Effects of Vibration on Structures.
8. The Requiring Authority shall submit the CNVMP to the Council at least 3 months prior to construction commencing (unless otherwise agreed by the Council), in order to allow the Council to:
- a. Provide an interim response within 20 working days of receipt; and
 - b. Provide a final decision as to the acceptability of the CNVMP for the purposes of condition 30) within 30 working days of receipt.
9. The CNVMP shall refer to the noise management measures set out in Annexure E of NZS6803:1999, and as a minimum shall address:
- a. The construction sequence which outlines a work programme that will minimise construction duration;
 - b. Machinery and equipment to be used, including the use of non-percussive machinery where practicable;
 - c. Hours of operation, including times and days when noisy construction work would occur;
 - d. The identification of activities and locations that will require the design of noise mitigation measures, such as temporary barriers or enclosures, and the details of such measures, including the period/duration during which they are expected to be implemented;
 - e. Construction noise limits for specific areas where these differ from the Standard;
 - f. Alternative strategies where full compliance with NZS 6803:1999 cannot be achieved, including consultation with neighbouring owners and occupiers on outcomes acceptable to them;
 - g. Methods for monitoring and reporting on construction noise;
 - h. Methods for receiving and responding to complaints about construction noise.
10. The CNVMP shall also describe measures adopted, as far as practicable, to meet the vibration standards of DIN4150-3:1999 Structural Vibration – Part 3: Effects of Vibration on Structures, and shall address the following aspects:
- a. Vibration monitoring measures;

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- b. Criteria;
- c. Possible mitigation measures;
- d. Complaint response;
- e. Reporting procedures;
- f. Notification and information for those in the community likely to be affected by the proposed works;
- g. Vibration testing of equipment to confirm that the vibration limits will not be exceeded;
- h. Location for vibration monitoring when construction activities are adjacent to “at risk” buildings, where for the purposes of this condition an “at risk” building is one at which the levels in the German Standard DIN 4150-3:1999 Structural Vibration — Part 3: Effects of Vibration on Structures are likely to be exceeded;
- i. Operational times; and
- j. Preparation of building condition reports on “at risk” dwellings prior to, during and after completion of works – which reports may comprise a photographic or video record.

11. The noise limits in NZS6803:1999 Acoustics — Construction Noise shall not apply to emergency work required to re-establish continuity of electricity, communications or water supply, work urgently required to prevent loss of life or other personal injury, or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects particularly at times when the stricter noise limits apply (e.g. at night time).

12. All generators or pumps that may be used overnight proximate to residential receivers shall be acoustically screened unless it can be demonstrated to the satisfaction of the Council that there is sufficient separation distance available, or that the generator or pump will comply with a reasonable noise limit (by reference to NZS6803:1999).

Community Information and Liaison

13. The Requiring Authority shall prepare a Communications Plan setting out:

- a. The method/s of consultation and liaison with key stakeholders and the owners/occupiers of neighbouring properties regarding the likely timing and duration of works, alternative routes, access to properties and any proposed alterations to public transport services; and
- b. Details of prior consultation or community liaison undertaken with the owners/occupiers of neighbouring properties, key stakeholders, schools, public transport providers, emergency services or representative groups regarding proposed road or lane closures, potential diversions and delays, including outlining any measures developed with such persons or groups to manage or to mitigate any adverse effects or inconvenience that may arise.
- c. Full contact details for the person appointed to manage the public information system and be the point of contact for related inquiries.

14. The Requiring Authority shall submit the CP to the Council at least 3 months prior to construction commencing (unless otherwise agreed by the Council), in order to allow the Council to:

- a. Provide an interim response within 20 working days of receipt; and
- b. Provide a final decision as to the acceptability of the CP (for the purposes of condition 30) within 30 working days of receipt.

Code of Practice for Working in the Road

15. During construction, the Requiring Authority shall comply with the Code of Practice for Working in the Road (SNZ HB 2002:2003) at all times.

Construction Hours

16. The construction hours shall be generally as follows, except where the Requiring Authority considers that work is necessary outside the specified days or hours for the purposes specified in (a) to (e) below:

Monday to Friday: 7am to 9pm;

Saturday: 8am to 1pm; and

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Sundays and public holidays: No Work.

The purposes for which work may occur outside of the specified days or hours are:

- a. Where work is required to be planned to be carried out at low traffic times (for example, excavation across busy intersections, along busy roads, or cable installation);
- b. For delivery of large equipment;
- c. In cases of emergency;
- d. For securing of the site or removing a traffic hazard;
- e. For cable jointing in self contained enclosures.

Roading and Traffic Management

17. The Requiring Authority shall:

- a. Undertake and submit a condition survey of the carriageway along the designated route to the Council. The condition survey shall consist of a photographic or video record; and
- b. Prepare Site Specific Traffic Management Plans ("SSTMP"s) for the Works or any part or stage of the Works which are generally consistent with the NZ Transport Agency's Code of Practice for Temporary Traffic Management 2004 ("COPTTM").

18. The SSTMP(s) shall be prepared following consultation with the following key stakeholders:

- a. Roding Authorities (territorial local authorities);
- b. Emergency services (police, fire and ambulance);
- c. Local business associations (including the Greater East Tamaki Business Association);
- d. Auckland Transport and any bus operators which operate scheduled services along the route; and
- e. Schools and childcare centres with frontage or access to roads where the Works are taking place.

19. The SSTMP(s) shall address and provide details of proposed works and/or mitigation measures relating to the following matters:

- a. The likely routes for heavy construction-related traffic;
- b. Details of any necessary road or lane closures, diversions, or deviations, including the likely date, time and duration of any such actions. As far as practicable, any necessary temporary road or lane closures should occur during off-peak periods. Where diversions or deviations are required, information and recommendations shall be provided by a qualified and experienced traffic engineer of the traffic volumes and capacities of alternative routes and the likely consequent effects in terms of safety and convenience, and any changes to bus routes if required following discussion with the relevant public transport operator(s);
- c. Details of the signs intended to advise of any road or lane closures, diversions and delays. Such signage shall be sufficiently clear to enable easy understanding and be installed at appropriate locations at least 7 days in advance of such road closures, diversions or delays; and
- d. Details of any measures for the mitigation of effects of construction traffic on cyclists, pedestrians, mobility impaired persons, and school children.

20. The SSTMP(s) shall be submitted to the Council at least 15 working days (unless otherwise agreed by the Council) prior to the commencement of any construction work on the road(s) to which the SSTMP relates (and/or works adjacent which will require closure of part or all of the road(s)).

21. During construction the Requiring Authority shall:

- a. At all times provide access to any property temporarily severed by construction at a level that will enable normal operations on the property to continue as far as practicable; and
- b. Inform any neighbouring property owners/occupiers along or adjacent to the cable route at least 5 working days prior to the commencement of planned work that is likely to temporarily prevent or hinder usual on-street parking.

22. As soon as practicable following completion of any stage of construction the Requiring Authority

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shall:

- a. Repair any damage to public carriageways and footpaths (and associated road components such as individual road crossings) resulting from the impacts of construction. Such repair may involve short-term maintenance to allow for settling and consolidation of carriageways prior to final repair;
- b. Re-grass areas (including berms) that were previously grassed; and
- c. If requested by the Council, re-instate the planted median along Ti Rakau Drive.

23. Normal road opening procedures shall apply for maintenance, renewal or repair works within the road reserve for which the local authority may impose conditions. The construction of the Works shall be in accordance with the Council's Engineering Quality Standards.

Tree Management

24. Except for those trees that are to be removed as part of the Works, trees in the vicinity of the Works shall be managed as follows:

- a. All excavation work within the dripline or root zone of any tree in a Council street or Council Reserve, any scheduled tree or any tree that would otherwise be generally protected under the District Plan and is located on private land (and extends over or into the work site), shall be supervised by a Council approved arborist;
- b. Any root or limb severance required shall be undertaken by a qualified arborist in accordance with best practice as far as practicable to provide for the long-term health and vitality or stability of the subject tree(s);
- c. Any tree adjacent to a construction area shall be fenced off to minimise and/or avoid any damage to the rootplate area of the tree;
- d. Where a Council-owned tree is damaged by the Works and a Council arborist assesses that remedial work is necessary, the remedial work shall be undertaken by a Council-approved arborist and the Requiring Authority shall be directly liable for all such remedial costs. Should a Council-owned tree be damaged beyond repair or destroyed then the Requiring Authority shall be directly liable for all costs relating to tree removal and replacement planting; and
- e. Where replacement planting is required to remediate the loss of a Council-owned tree, the species, location and planting of the replacement tree shall be undertaken as approved by the Council.

25. Following the completion of construction, the Requiring Authority shall provide a monitoring report to the Council that lists all trees that would otherwise be identified as 'generally protected' or 'scheduled' in the District Plan that were subject to any cutting or damage of the roots, trunk, or canopy to an extent deemed more than minor by the Council approved arborist.

Archaeology and Cultural

26. If any urupa, traditional sites, taonga (significant artefacts) and/or koiwi (human remains) are discovered during the Works, the following procedures shall apply:

- a. Works in the immediate vicinity of the site that has been discovered shall be suspended pending completion of the steps at (b) to (d);
- b. The site supervisor shall secure the area in a way that ensures that any remains or artefacts are untouched;
- c. The site supervisor shall notify representatives of relevant tangata whenua, the New Zealand Historic Places Trust, the Council (or its successor) and, in the case of human remains, the New Zealand Police; and
- d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover any features discovered before work may recommence in the immediate vicinity of the discovery site.

Existing Utilities

27. The Requiring Authority shall consult and liaise with all utility operators whose activities or interests may be affected by the Works prior to undertaking any work pursuant to this designation to confirm that:

- a. The Requiring Authority is aware of the location of all utility services existing at the time of construction in, or adjacent to, the designation and to identify any necessary exploratory excavation and evaluations of potential effects on the proper functioning of the utility services (including potential for earth potential rise or induction hazards) that should be undertaken;

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- b. As far as practicable, all utility services (existing at 5 March 2010) located in or adjacent to the designated route are protected from the Works and any associated activities that may interfere with the proper functioning of those services; and
- c. Reasonable access to existing utility services located in or adjacent to the designation is maintained during construction.

28. In addition to the requirements of condition 27, prior to the commencement of any Works the Requiring Authority shall:

- a. Seek the approval of Watercare for any works within 10 metres of Watercare facilities; and
- b. Lodge with the Council for its approval (as part of the condition 3(l) requirement for a Construction Management Plan) and serve on Watercare the detailed construction and contingency plans for any crossings of Watercare infrastructure by the Works.

29. If it is not practicable to avoid a reduction in the level of service in accordance with condition 27(b) above, or if services are otherwise damaged, all utility services existing at the time of lodgement located in or adjacent to the affected section of the designation route shall be repaired or relocated:

- a. As identified in conjunction with the affected utility operator;
- b. At the Requiring Authority's expense; and
- c. To the reasonable satisfaction of the affected utility operator.

Outline Plans

30. Where the Council and the Requiring Authority agree on the content and terms of the various Management Plans, that agreement shall be deemed to be a waiver in relation to that Plan or relevant part of that Plan pursuant to section 176A(2) of the Act of the requirement for an Outline Plan under section 176A.

31. If the Council and the Requiring Authority do not agree on the terms of any Management Plans or if the Requiring Authority otherwise elects, the Requiring Authority shall comply with conditions 3, 7, 13 and 17 by submitting an outline plan or plans of Works ("Outline Plan") to the Council pursuant to section 176A of the Act. This Outline Plan shall include such information as would otherwise be required under the above conditions relating to the Management Plans and must be submitted prior to the commencement of construction works.

32. The Requiring Authority shall submit an Outline Plan to the Council pursuant to section 176A of the Act prior to the commencement of any other construction works which are not:

- a. Otherwise approved by the conditions of this designation; or
- b. Set out in section 3.4 of the Assessment of Environmental Effects submitted with the Notice of Requirement.

33. The Works, or stages of Works, shall be undertaken in accordance with an approved Management Plan or Plans or accepted Outline Plan (as the case may be).

Designation Review

34. As soon as practicable following the completion of construction of the Works, the Requiring Authority shall, in consultation with the Council as the road controlling authority:

- a. Review the width of the area designated for the project;
- b. Identify:
 - i. any areas of designated land (including public reserve) that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the underground cables and ancillary activities; and
 - ii. any areas of designated land within the legal road boundaries that are more than 2.5 metres from the centreline of the cables (excluding joint bays and associated link pits); and
- c. Remove the designation over the areas identified in (b) above in accordance with section 182 of the Act and provide a plan of the final designated areas to the Council for inclusion in the District Plan; and
- d. Provide as-built plans to the Council.

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Operational Conditions

Magnetic Fields

35. The Works shall be designed and constructed to limit the magnetic field exposure to the reference levels International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time varying electric, magnetic and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494 — 522) (ICNIRP Guidelines) public exposure of 100µT for magnetic flux density when measured at 1 metre above ground level directly above any cable under normal operating conditions.

Earth Potential Rise / Induced Voltages

36. The Works shall be designed and constructed to comply with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997.

37. The Works shall be designed and constructed so as not to cause existing assets of other utilities to be non-compliant with AS/NZS 4853:2000 — Electrical Hazard on Metallic Pipelines.

Maintenance

38. The Requiring Authority shall:

- a. Meet its own costs associated with reviewing any proposal by the local authority to undertake roading works or activities over, or adjacent to, land designated for underground transmission lines;
- b. Meet any additional costs in respect of roading compaction, construction, renewal or maintenance that are incurred by the local authority where those additional costs are specifically caused due to the presence of the cables, or due to conditions imposed by the Requiring Authority; and
- c. Meet any additional costs where maintenance works undertaken by the Requiring Authority result in additional routine maintenance or remedial related roading costs for the local authority.

39. The Requiring Authority shall advise the Council at least 30 working days prior to commencing major programmed maintenance, renewal or replacement works (unless otherwise agreed in writing with the Road Corridor Access Team, Auckland Transport).

Advice Notes

1. The Requiring Authority is advised that all construction activities occurring within the road reserve are required to obtain Road Opening Notices from the Council prior to construction.

2. An Authority to modify an archaeological site must be obtained from the NZHPT prior to the start of any works that will affect site R11/1664.

3. For the avoidance of doubt the Requiring Authority is advised that nothing in condition 29 requires the Requiring Authority to:

- a. Provide compensation to any affected utility operator for indirect costs, such as for delays and inconvenience caused; and / or
- b. Put the owner of the utility services in a better position than if the Works had not been proposed or installed.

4. Where section 176 approvals are required by utility operators (other than the Requiring Authority) for their works within the designation the requiring authority will provide a timely response, in order to facilitate co-ordination of section 176 approvals sought by the utility operator and the Road Opening Notice process.

5. The requiring authority is reminded of its Agreement with Watercare dated 13 October 2008 in relation to existing and future pipes within the designation area.

Attachments

Schedule of Legal Descriptions

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Parcel ID/Appellation	
5265363	5264070
Pt Lot 13 DP 169911	5209755
Lot 14 DP 169911	5241960
5227266	5230326
5238840	5258537
5248668	5214449
5223374	5258531
5253119	5240958
5208675	5253263
5259571	5261971
5211539	Lot 1 DP 145667
5252892	5205090
	Pt Allot 5 Sec 4 SMALL LOTS NEAR VILLAGE OF Panmure
Lot 1 DP 67262	Lot 1 DP 51781
5256899	5212526
5209116	Pt Allot 36 Sec 1 SMALL LOTS NEAR VILLAGE OF Panmure
5257525	5233659
5207513	Pt Allot 35 Sec 1 SMALL LOTS NEAR VILLAGE OF Panmure
5260000	5237361
5220917	Lot 4 DP 128773
5242716	Lot 2 DP 128773
5224551	Lot 1 DP 128773
5255868	Lot 3 DP 128773
5235624	Lot 5 DP 128773
5255869	Pt Lot 3 DP 1384
5228367	Lot 133 DP 18101
5248672	Lot 134 DP 18101
5221723	5211511
5259728	Lot 109 DP 18101
6590969	Lot 108 DP 18101
5233271	Pt Lot 107 DP 18101
6590968	Pt Lot 162 DP 18101
6590967	Pt Lot 91 DP 18101
6590966	Pt Lot 92 DP 18101
6590965	5215297
6590964	Lot 80 DP 18101
6590963	Lot 79 DP 18101
6590962	Pt Lot 1 DP 18413
6591006	5215674

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Parcel ID/Appellation	
6591005	Pt Lot 1 DP 18413
6591004	5227489
6591003	Pt Lot 1 DP 18413
5238539	Pt Allot 17 Sec 12 SUBURBS OF Auckland
6591002	Sec 2 SO 70581
6591001	Sec 3 SO 70581
6652635	Sec 4 SO 70581
5264072	

8508 Richardson Road Overhead Electricity Transmission Lines

Designation Number	8508
Requiring Authority	Transpower New Zealand Ltd
Location	716 Richardson Road, Mount Roskill
Rollover Designation	Yes
Legacy Reference	Designation H07-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - tower site and associated overhead transmission lines of the Mangere to Mt Roskill A 110kV transmission line.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

2. Any new works or equipment shall be designed and constructed to limit the EMF exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

3. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement

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Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Vibration

4. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Construction and Maintenance Noise

5. Subject to condition 6, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.

6. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 6 DP 40357	Lot 1 DP 135028

8509 Luke Street Overhead Electricity Transmission Lines

Designation Number	8509
Requiring Authority	Transpower New Zealand Ltd
Location	Luke Street (adjoins State Highway 1), Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-23, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - tower site (Tower 9) and associated overhead transmission lines of the Henderson to Otahuhu-A 220kV transmission line.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places

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Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

2. Any new works or equipment shall be designed and constructed to limit the EMF exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

3. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Vibration

4. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Construction and Maintenance Noise

5. Subject to condition 6, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.

6. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 133722	

8510 Glenbrook Electricity Substation

Designation Number	8510
Requiring Authority	Transpower New Zealand Ltd
Location	Whitham Road, Glenbrook
Rollover Designation	Yes
Legacy Reference	Designation 84, Auckland Council District Plan (Franklin Section) 2000

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Electricity transmission - Glenbrook electricity substation.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

2. Subject to condition 3, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).
4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Electric and Magnetic Fields (EMF)

8. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz)

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(Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 μ T for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

9. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

10. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

12. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DO 139740	

8511 Bombay Electricity Substation

Designation Number	8511
Requiring Authority	Transpower New Zealand Ltd
Location	153 Barber Road, Bombay
Rollover Designation	Yes
Legacy Reference	Designation 85, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Electricity transmission - Bombay electricity substation.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

2. Subject to condition 3, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics—Construction Noise at locations set out in section 6.2 of that standard.
3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).
4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Electric and Magnetic Fields (EMF)

8. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

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Radio Frequency Interference

9. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

10. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

12. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 3 DP 439460	

8512 Brownhill Road to Whakamaru Overhead Transmission Lines

Designation Number	8512
Requiring Authority	Transpower New Zealand Ltd
Location	231 Whitford Park Road, Whitford to the vicinity of Paparimu Road (Waikato District Council Boundary), Pokeno
Rollover Designation	Yes
Legacy Reference	Designation 302, Auckland Council District Plan (Manukau Section) 2002; and Designation 152, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Electricity transmission - the construction, operation and maintenance of that part of a 400kV capable transmission line which is within the Auckland area to convey electricity between the Brownhill Road Substation and the Whakamaru and Whakamaru North Substations in Taupo, and ancillary activities.

Conditions

This designation has two sets of conditions, one for those towers Towers 5 to 33 and one for Towers 33A to 65, as shown in the attached map.

Conditions relating to that part of the line between towers 5 and 33.

Documents

1. Subject to the conditions below, the initial works to give effect to the designation shall be generally in accordance with Maps 40–44 of Appendix V.

Tower Heights and Locations

2. Tower heights and locations shall be generally in accordance with the plans and profiles, except that:
- Subject to (b), (c), (d) and (e) below, tower height can exceed that shown on the plans and profiles by up to three metres;
 - Where tower locations are moved (as provided in (f) and (g) below), tower heights can exceed those in the plans and profiles by up to five metres;
 - Any increase in the height of tower 9 shall not cause it to exceed the height limitations of the Auckland International Airport Obstacle Limitation Surface;
 - Any increase in height of towers 14, 15, 16A and 16B shall not cause a tower to exceed the height limitations of the conical protection surface associated with Ardmore Airport;
 - No tower shall exceed 70 metres in height;
 - Tower sites may be moved up to five metres laterally; and
 - Tower sites may be moved up to 40 metres along the alignment.

Cultural / Spiritual

3. If any urupa, traditional sites, taonga (significant artefacts) or koiwi (human remains) are exposed during site works, then the following procedures shall apply:
- works in the immediate vicinity of the site that has been exposed shall cease;
 - the site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - the site supervisor shall notify representatives of relevant tangata whenua, the New Zealand Historic Places Trust, Auckland Council and, in the case of human remains, the New Zealand Police; and
 - the notification in (c) above shall allow such persons being given a reasonable time to record and resolve archaeological features discovered before work may recommence.

Social

4. Transpower shall prepare a counselling/stress relief plan, after consultation with the territorial authority. The plan shall include:
- An offer of counselling to those persons directly affected by the designation crossing their property to manage undue stress related to implementing the Upper North Island Grid Upgrade Project;
 - An 0800 number for the service;
 - No requirement for contact with Transpower personnel to access the service;
 - Such offer remaining open for acceptance for the period ending six months after confirmation of the designation; and
 - Such offer extending to a maximum of four counselling sessions, which may occur beyond the period referred to in (d) above, but which must be completed within 12 months of confirmation of the designation.

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5. The implementation of the counselling/stress relief plan, and any counselling of directly affected persons, shall be at Transpower's cost.

6. Transpower shall not be in breach of the condition 4 if the offer of counselling is not taken up by any directly affected persons.

Electric and Magnetic Fields (EMF)

7. The works shall be designed and constructed to limit the EMF exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time varying electric, magnetic, and electromagnetic fields (up to 300GHz) (Health Physics, 1998 74(4): 494–552) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground under maximum normal operating conditions (ie, when there are no faults in the transmission system).

8. In order to reduce long term public exposure to EMFs no habitable building shall be constructed within the designated corridor for the 400-kV capable transmission line.

Earth Potential Rise / Induced Currents

9. In designing and constructing the line, Transpower shall give consideration to third-party conductive structures and services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

10. The works shall be designed and constructed to comply with AS/NZS4852:2000 Electrical Hazards on Metallic Pipelines.

11. Prior to commissioning, Transpower shall have an appropriately qualified person assess all conductive structures in the vicinity of the transmission line. Any hazards shall undergo a risk assessment in accordance with the Electricity Engineers' Association Guide to Risk-Based Earthing System Design. Transpower will carry associated with the line.

Radio Frequency Interference

12. All works shall be designed to comply with NZS 6869:2004 Limits & Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Operational Noise

13. The operation of the transmission line shall not emanate noise that exceeds 40 dBA Leq beyond the boundaries of the designation. Measurements shall not be undertaken during heavy rain.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1991 Measurement of Sound and NZS6802:1991 Assessment of Environmental Sound.

Landscape Mitigation

15. Within two months of confirmation of the designation, Transpower shall appoint a suitably qualified and experienced landscape architect for the role of certifying that any of the thresholds in conditions 22 and 24 have been reasonably met (the landscape certifier). The person appointed shall be endorsed by the NZ Institute of Landscape Architects in writing as suitable for the role, having been advised of the role and responsibilities.

16. Any decision made by the landscape certifier in relation to the matters addressed in condition 22(b) and 24 shall be in writing (including reasons).

17. Any landowner may ask the landscape certifier to certify that any decision under condition 22(b) and 24 is reasonable given the thresholds in those conditions. The landscape certifier shall set his or her own procedure for any such certification.

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Landscape mitigation: private land

18. Within two months of confirmation of the designation, Transpower shall write to the owners of properties having an occupied house, existing at the date of the Board's draft decision on the Notices of Requirement, within one kilometre of the centre line of the designation.

19. The letter shall inform the landowner/s of the properties referred to in condition 18 of their possible entitlement to a landscape mitigation assessment in accordance with condition 22 (including where relevant, ecological planting). This condition shall not apply to any property where an agreement relating to landscape mitigation has already been reached between Transpower and the landowner.

20. The written offer required by condition 18 shall inform the landowner that he/she may request Transpower to consider landscape mitigation (including where relevant, ecological planting) at his/her option prior to, or after, construction of the overhead line, and outline the process established by these conditions (including the role of the landscape certifier).

21. Within two months of commissioning of the line, Transpower shall repeat the offer required by condition 18 to all landowners who have not already indicated preliminary acceptance of Transpower's offer. Transpower shall expressly state that the offer shall remain valid for 12 months following commissioning of the overhead line.

22. In the case of each landowner who has indicated acceptance of the offer of landscape mitigation assessment (including where relevant ecological planting), the following process shall be adhered to:

- a. An onsite meeting shall be arranged between the landowner and a qualified landscape architect (the landscape architect), and where relevant an ecologist, appointed by Transpower.
- b. The landscape architect shall determine whether mitigation is appropriate in terms of the criteria in Table 1. If the determination is that no mitigation is appropriate, the landscape architect shall advise Transpower with reasons, and Transpower shall advise the landowner in writing.
- c. Subject to (d), if the landscape architect identifies that mitigation is appropriate in terms of the criteria in Table 1, he/she shall prepare a plan (the concept plan) to mitigate the adverse visual effects of the overhead line when viewed from the dwelling and the immediate curtilage of the dwelling. The mitigation techniques shall take into account the factors and criteria in Table 1.
- d. For properties where ecological planting has been identified in Table 2, the concept plan required by (c) shall be prepared by the landscape architect, in consultation with the ecologist, taking into account the criteria in Table 2.

Table 1:

Factors	Criteria
Degree of Likely Visual Amenity Effect	- Moderate to very high degree of effect
Basis for Assessment of Degree of Effect	<ul style="list-style-type: none"> - Distance from the line and towers - Orientation of the house and outdoor living areas - Existing screening and nature of intervening landscape - Relative elevation
Mitigation Technique	<ul style="list-style-type: none"> - Planting that may screen or partially screen towers - Planting that may create an alternative foreground focus - Planting that may focus the outlook on an alternative view - Planting that may increase the sense of depth in a view towards the line

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Practicality	<ul style="list-style-type: none"> - Land available in the resident's ownership for - landscape mitigation - Existing garden design or landscape constraints - Farm management constraints
Owner's Preference	- Preferences identified during the consultation and design process

Table 2:

Relevant Towers	Proposed Replacement Planting and Purpose
Span 12 and 13 (Beale, evidence in chief para 28(a))	Establish kahikatea plantings (saplings) in the gully on the downstream or southern side of the designation between towers 12 and 13, so as to extend the riparian cover and offset the loss of the tallest specimens from within the forest remnant.

23. The concept plan shall be prepared in draft and following review by Transpower, shall be submitted to the landowner for comment.

24. The concept plan shall be reviewed by the landscape architect, in consultation with the ecologist (where relevant), following the receipt of comments, and following such further consideration, investigation and discussion with the landowner and Transpower as the landscape architect considers necessary, taking into account the criteria in Table 1 and the cost and practicality of implementing any specific request. The revised plan (the final plan) will be provided to the landowner as soon as reasonably practicable.

25. On receipt of written acceptance of the final plan, Transpower shall implement it within the first planting season following that acceptance, unless otherwise agreed with the landowner.

26. Transpower shall maintain the planting for 12 months after completion of planting.

27. In the event that a landowner advises Transpower that the landowner wishes to implement the final plan themselves, within 30 days following completion of all work specified in the final plan to the reasonable satisfaction of the landscape architect, Transpower shall pay the landowner the sum of money allocated in the approved concept plan. Where this occurs, condition 25 shall not apply.

28. In the event that a landowner advises Transpower that the landowner wishes to maintain the planting themselves, within 30 days following completion of all works specified in the final plan, Transpower shall pay the landowner the sum of money allocated in the approved concept plan for maintenance. Where this occurs, condition 26 shall not apply.

Landscape itigation: Public Land

29. Within 12 months of confirmation of the designation, Transpower shall write to the Auckland Council, and where relevant NZTA, informing it or them of its proposal to provide for landscape mitigation along specific sections or locations of roads and State highways in the Council's district, as shown on Maps 32–39 of Appendix V, and seeking the Auckland Council's involvement in implementing the mitigation. The offer shall be for the purpose of mitigation of adverse visual effects of the overhead line when viewed from the public roads or other viewpoints shown in the plan.

30. On receiving a positive response from the Council and/or NZTA (as applicable), Transpower shall provide a draft development plan, specifications, and costing prepared by a qualified landscape architect as an offer to the Council and/or NZTA. The offer shall remain open for 12 months following commissioning of the line.

31. Transpower shall review any comments provided by the Council and/or NZTA and shall issue a final plan. The final plan shall be provided as soon as practicable to the Council and/or Transit.

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32. On the Council's and/or NZTA's written acceptance of the plan (where relevant) and agreement to implement the mitigation, Transpower shall, within 30 days, pay to the Council and/or NZTA the cost specified in the accepted plan (which shall include an estimate for a year of maintenance).

33. Transpower shall not be in breach of condition 29 in the event the Council and/or NZTA do not undertake the planting as provided in the final plan.

Pre-construction Activities

34. Prior to construction commencing, Transpower shall appoint a Landowner Liaison Officer, who will:

- a. Be responsible for maintaining contact with landowners and occupiers of each property prior to, and during construction; and
- b. Have a contact role with the landowner during the development of the Site Works Plan (SWP) for individual properties.

35. Transpower shall make copies of individual SWPs available to Auckland Council for information purposes, upon request.

Construction Management Plan (CMP)

36. Prior to commencement of any construction activity authorised by the designation, Transpower shall submit a construction management plan to the Council's Consents Officer for approval. The Council's Consents Officer shall respond within 20 working days. Approval shall not be unreasonably withheld. The construction management plan shall outline Transpower's intended approach to:

- a. Land stability management and sediment controls;
- b. Storage and reuse of topsoil;
- c. Management and disposal of spoil;
- d. Groundwater and stormwater management, treatment and disposal;
- e. Silt and dust control, during earthwork stages;
- f. Traffic/access management;
- g. Temporary activities and equipment storage in specified areas;
- h. security and lighting during construction;
- i. Contaminated land management procedures;
- j. Construction noise (as set out in conditions 37–40), dust and vibration;
- k. Hours of work;
- l. Existing network utilities' protocols and guidelines;
- m. Subject to other specific conditions, cultural protocols and archaeological requirements;
- n. Vegetation clearance, disposal and restoration;
- o. The intended construction programme (including staging if appropriate);
- p. Protocols and procedures for road controlling authorities and rail operators, where the line crosses that infrastructure;
- q. Community information and liaison;
- r. Contractor training; and
- s. Generic contents of Site Works Plans (SWPs).

Nothing in this condition allows the Council, or any other party, to require more onerous controls than contained in the designation conditions.

Construction and Maintenance Noise

37. All construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the designated area does not exceed the limits in NZS6803:1999 Acoustics– Construction Noise at locations set out in section 6.2 of that standard.

38. The noise limits required by condition 37 shall not apply to emergency work required to re-establish continuity of supply, urgently required to prevent loss of life or other personal injury or commissioning works, but

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all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night time).

39. Prior to any significant construction work taking place, including any earthworks, a noise management plan applicable to the construction and commissioning stages shall be prepared for the whole of the line, with the assistance of a suitably qualified and experienced person. The plan shall set out the management procedures in terms of section 8 and Annex E of NZS6803:1999, and the works shall be undertaken in accordance with that noise management plan.

40. The noise management plan required by condition 39 shall be submitted to the Council's Consents Manager, at least 20 working days prior to the works commencing.

Vibration

41. Vibration from all construction activities shall not exceed the limits of, and shall be measured in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Aviation

42. Transpower shall, on a monthly basis during the construction of the line, inform the New Zealand Agricultural Aviation Authority, the Civil Aviation Authority and Ardmore Airport Limited (in relation to the towers within the conical surface only, as set out in the Ardmore Aerodrome Protection Measures under Designation 200 in the Auckland Unitary Plan) of the construction activities completed in the previous month, and intended to be undertaken in the following month including:

- a. Erection of specific towers (with locations and heights); and
- b. Stringing of conductor and earthwires between specified towers.

For the avoidance of doubt, the requirement in condition 42 applies to each tower and conductoring of each tower, not merely the commencement of tower erection or conductoring.

Traffic Management Plan (TMP) for Road Crossings and Local Roads

43. Transpower shall prepare a series of traffic management plans for road crossings and local roads used by heavy traffic (TMPs) in accordance with Transit New Zealand's Code of Practice for Temporary Traffic Management (COPTTM), after consultation with (as relevant):

- a. Auckland Transport (Road Controlling Authority);
- b. The following key stakeholders:
 - i. Emergency services (including police);
 - ii. Bus operators;
 - iii. Schools;
 - iv. Housing New Zealand Corporation; and
- c. Any additional key stakeholders identified by Council.

44. A TMP shall be submitted to the Council and NZTA (where relevant) at least 20 working days prior to the commencement of construction of the relevant road crossing works, or works affecting local roads. The plans may be submitted in stages, with each stage being submitted at least 20 working days prior to the commencement of the work the subject of that stage.

45. The Council shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

46. The TMP prepared by Transpower shall recognise that the paramount purpose of roads is the free passage of the public and its vehicles.

47. The TMPs shall address and provide details of proposed road crossing works and general use of local roads

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by heavy vehicles and/or mitigation measures relating to the following matters:

- a. The likely routes for heavy construction-related traffic;
- b. Details of the installation of any protection measures including, but not limited to, hurdles for subsequent line construction purposes;
- c. Details of any necessary temporary road closures, diversions, or deviations which are likely to be required during road crossing activities, including the likely date, time, and duration of such matters (any necessary temporary road closures should be effected during off-peak periods unless this is impracticable or would have adverse impacts on adjacent properties);
- d. Where diversions or deviations are required, information shall be provided by a suitably qualified and experienced traffic engineer of the traffic volumes and capacities of alternative routes, to ensure that such routes are both convenient and capable of safely accommodating any such diverted or deviated traffic;
- e. Details of the proposed signage to advise motorists, residents, stakeholders, and other road users of any road closures, diversions and delays, such signage to be sufficiently clear to be capable of ready understanding by the general public and installed at appropriate locations at least seven days in advance of such road closures, diversions and delays;
- f. Details of methods of proposed information dissemination regarding construction activities and associated traffic effects, including but not limited to public notices in newspapers, radio announcements, information packages and direct contact with affected persons. (Such information dissemination, and the chosen method of dissemination is to be proportional to the impact);
- g. Details of prior consultation or community liaison undertaken with affected residents, stakeholders, public transport providers, emergency services or representative groups regarding proposed road closures, diversions and delays, and any measures agreed with such groups to address any adverse effects or inconvenience that may arise; and
- h. identification of any measures for the purposes of mitigating adverse traffic effects of construction traffic, including safety matters (such speed restrictions and signage), relating to cyclists, pedestrians, disabled persons, and schoolchildren.

Construction Entrance-ways off Public Roads

48. Prior to the commencement of construction, Transpower shall undertake a survey of the condition of the roads in the immediate vicinity of construction entranceways off public roads (consisting of a photographic record). A copy of the survey will be retained and provided to the council upon request.

49. Transpower shall repair any damage to entranceways and public roads in the vicinity of those entranceways resulting from impacts of its construction traffic within 10 working days of the damage occurring, recognising that temporary repairs may be appropriate where work has not been completed.

General advice note:

1. In relation to the ARI-PAK A towers outside of the designated area, Transpower shall use its best endeavours to establish and follow the procedures in the conditions in relation to cultural/ spiritual matters, construction noise, the preparation of the construction management plan, and pre-construction activities. Conditions relating to that part of the line which falls in Franklin, between towers 33A and 65.

Conditions relating to that part of the line between towers 33A and 65

Documents

1. Subject to the conditions below, the initial works to give effect to the designation shall be generally in accordance with Maps 44–52 of Appendix V.

Tower Heights and Locations

2. Tower heights and locations shall be generally in accordance with the plans and profiles, except that:

- a. Tower height can exceed that shown on the plans and profiles by up to three metres;
- b. Where tower locations are moved in accordance with (d) and (e) below, tower heights can exceed those in

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the plans and profiles by up to five metres;

- c. No tower shall exceed 70 metres in height;
- d. Tower sites may be moved up to five metres laterally; and
- e. Tower sites may be moved up to 40 metres along the alignment.

Cultural / Spiritual

3. If any urupā, traditional sites, taonga (significant artefacts) or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:

- a. Works in the immediate vicinity of the site that has been exposed shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
- c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, Auckland Council and, in the case of human remains, the New Zealand Police; and
- d. The notification in (c) above shall allow such persons being given a reasonable time to record and resolve archaeological features discovered before work may recommence.

Archaeological Sites: Route Section 4, Towers 33A–45

4. The locations of all towers shall be subject to archaeological survey by a suitably qualified and experienced archaeologist (project archaeologist) prior to finalisation of the relevant Site Works Plans required by conditions 36 and 37, other than the proposed locations for towers 33A to 37, 40, 43 and 44.

Archaeological Sites: Route Section 5

5. Before any works associated with the Upper North Island Grid Upgrade Project are carried out within designated area of route section 5, Transpower shall undertake:

- a. The project archaeologist shall monitor the earthworks at tower 56 to determine whether archaeological evidence is present.
- b. All of the proposed access routes, and tower locations for towers 63A–69 65 shall be archaeologically surveyed prior to the relevant Site Works Plans required by conditions 36 and 37 being finalised. The Site Works Plans, where practicable, shall accommodate any archaeological findings.

Advice note:

Conditions 4 and 5 are subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.

Social

6. Transpower shall prepare a counselling/stress relief plan, after consultation with the territorial authority. The plan shall include:

- a. An offer of counselling to those persons directly affected by the designation crossing their property to manage undue stress related to implementing the Upper North Island Grid Upgrade Project;
- b. An 0800 number for the service;
- c. No requirement for contact with Transpower personnel to access the service;
- d. Such offer remaining open for acceptance for the period ending six months after confirmation of the designation; and
- e. Such offer extending to a maximum of four counselling sessions, which may occur beyond the period referred to in (d) above, but which must be completed within 12 months of confirmation of the designation.

7. The implementation of the counselling/stress relief plan, and any counselling of directly affected persons, shall be at Transpower's cost.

8. Transpower shall not be in breach of the condition 6 if the offer of counselling is not taken up by any directly affected persons.

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Electric and Magnetic Fields (EMF)

9. The works shall be designed and constructed to limit the EMF exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time varying electric, magnetic, and electromagnetic fields (up to 300GHz) (Health Physics, 1998 74(4): 494–552) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground under maximum normal operating conditions (ie, when there are no faults in the transmission system).

10. In order to reduce long-term public exposure to EMFs no habitable building shall be constructed within the designated corridor for the 400-kV capable transmission line.

Earth Potential Rise / Induced Currents

11. In designing and constructing the line, Transpower shall give consideration to third-party conductive structures and services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

12. The works shall be designed and constructed to comply with AS/NZS4852:2000 Electrical Hazards on Metallic Pipelines.

13. Prior to commissioning, Transpower shall have an appropriately qualified person assess all conductive structures in the vicinity of the transmission line. Any hazard shall undergo a risk assessment in accordance with the Electricity Engineers' Association Guide to Risk-Based Earthing System Design. Transpower will carry out mitigation measures to address significant risks relating to earth potential rise and induction effects associated with the line.

Radio Frequency Interference

14. All works shall be designed to comply with NZS 6869:2004 Limits & Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Operational Noise

15. The operation of the transmission line shall not emanate noise that exceeds a limit of 40 dBA Leq beyond the boundaries of the designation. Measurements shall not be undertaken during heavy rain.

16. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Environmental Sound and NZS6802:2008 Assessment of Environmental Sound.

Landscape Mitigation

17. Within two months of confirmation of the designation, Transpower shall appoint a suitably qualified and experienced landscape architect for the role of certifying that any of the thresholds in conditions 24 and 26 have been reasonably met (the landscape certifier). The person appointed shall be endorsed by the NZ Institute of Landscape Architects in writing as suitable for the role, having been advised of the role and responsibilities.

18. Any decision made by the landscape certifier in relation to the matters addressed in condition 24(b) and 26 shall be in writing (including reasons).

19. Any landowner may ask the landscape certifier to certify that any decision under condition 24(b) and 26 is reasonable given the thresholds in those conditions. The landscape certifier shall set his or her own procedure for any such certification.

Landscape Mitigation: Private Land

20. Within two months of confirmation of the designation, Transpower shall write to the owners of properties having an occupied house, existing at the date of the Board's draft decision on the Notices of Requirement, within one kilometre of the centre line of the designation.

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21. The letter shall inform the landowner/s of the properties referred to in condition 20 of their possible entitlement to a landscape mitigation assessment in accordance with condition 24 (including where relevant, ecological planting). This condition shall not apply to any property where an agreement relating to landscape mitigation has already been reached between Transpower and the landowner.

22. The written offer required by condition 20 shall inform the landowner that he/she may request Transpower to consider landscape mitigation (including where relevant, ecological planting) at his/her option prior to, or after, construction of the overhead line, and outline the process established by these conditions (including the role of the landscape certifier).

23. Within two months of commissioning of the line, Transpower shall repeat the offer required by condition 20 to all landowners who have not already indicated preliminary acceptance of Transpower's offer. Transpower shall expressly state that the offer shall remain valid for 12 months following commissioning of the overhead line.

24. In the case of each landowner who has indicated acceptance of the offer of landscape mitigation assessment (including where relevant ecological planting), the following process shall be adhered to:

- a. An onsite meeting shall be arranged between the landowner and a qualified landscape architect (the landscape architect) and where relevant an ecologist, appointed by Transpower.
- b. The landscape architect shall determine whether mitigation is appropriate in terms of the criteria in Table 1. If the determination is that no mitigation is appropriate, the landscape architect shall advise Transpower with reasons, and Transpower shall advise the landowner in writing.
- c. Subject to (d), if the landscape architect identifies that mitigation is appropriate in terms of the criteria in Table 1 he/she shall prepare a plan (the concept plan) to mitigate the adverse visual effects of the overhead line when viewed from the dwelling and the immediate curtilage of the dwelling. The mitigation techniques shall take into account the factors and criteria in Table 1.
- d. For properties where ecological planting has been identified in Table 2, the concept plan required by the concept plan required by (c) shall be prepared by the landscape architect, in consultation with the ecologist, taking into account the criteria in Table 2.

Table 2:

Factors	Criteria
Degree of Likely Visual Amenity Effect	- Moderate to very high degree of effect
Basis for Assessment of Degree of Effect	- Distance from the line and towers Orientation of the house and outdoor living areas - Existing screening and nature of intervening landscape - Relative elevation
Mitigation Technique	- Planting that may screen or partially screen towers - Planting that may create an alternative foreground focus - Planting that may focus the outlook on an alternative view - Planting that may increase the sense of depth in a view towards the line
Practicality	- Land available in the resident's ownership for landscape mitigation - Existing garden design or landscape constraints - Farm management constraints
Owner's Preference	- Preferences identified during the consultation and design process

Table 2:

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Relevant Towers	Proposed Replacement Planting and Purpose
Span 54A-55 (Beale, evidence in chief para 28(b))	<ul style="list-style-type: none"> - Replacement plantings of kahikatea to offset removal of kahikatea stands. Wherever possible, these plantings should be located so as to enlarge existing stands. - Largest kahikatea stands near Ararimu Road, plant out an area between two existing kahikatea fragments situated immediately to the west of the affected stand so as to eventually form one stand.
Span 65-66 (Beale, evidence in chief para 28(c))	<ul style="list-style-type: none"> - Planting of kauri and podocarps within the forest beyond the designation, to replace trees selectively removed in the vicinity of tower 65. - Establish plantings of kauri, rimu and tānekaha beneath canopy gaps in the forest adjoining the lay-by area, next to the access road off Paparimu Road. The canopy gaps provide suitable conditions for the plantings of kauri, rimu and tānekaha that are dependent on a favourable degree of light penetration for growth - Planting along bank of Mangatāwhiri River and on either side of the designation of pioneer tree species, that attain a height of no greater than 14 metres within the designation to maintain connectivity within this riparian stand and linkage with the forested area to the south.

25. The concept plan shall be prepared in draft and following review by Transpower shall be submitted to the landowner for comment.

26. The concept plan shall be reviewed by the landscape architect, in consultation with the ecologist (where relevant), following the receipt of comments, and following such further consideration, investigation and discussion with the landowner and Transpower as the landscape architect considers necessary, taking into account the criteria in Table 1 and the cost and practicality of implementing any specific request. The revised plan (the final plan) will be provided to the landowner as soon as reasonably practicable.

27. On receipt of written acceptance of the final plan, Transpower shall implement it within the first planting season following that acceptance, unless otherwise agreed with the landowner.

28. Transpower shall maintain the planting for 12 months after completion of planting.

29. In the event that a landowner advises Transpower that the landowner wishes to implement the final plan themselves, within 30 days following completion of all work specified in the final plan to the reasonable satisfaction of the landscape architect, Transpower shall pay the landowner the sum of money allocated in the approved concept plan. Where this occurs, condition 27 shall not apply.

30. In the event that a landowner advises Transpower that the landowner wishes to maintain the planting themselves, within 30 days following completion of all works specified in the final plan, Transpower shall pay the landowner the sum of money allocated in the approved concept plan for maintenance. Where this occurs, condition 28 shall not apply.

Landscape Mitigation: Public Land

31. Within 12 months of confirmation of the designation, Transpower shall write to the council, and where relevant NZTA, informing it or them of its proposal to carry out landscape mitigation along specific sections or locations of roads and State highways in the Council's district, as shown on Maps 32–39 of Appendix V and seeking the council's involvement in implementing the mitigation. The offer shall be for the purpose of mitigation of adverse visual effects of the overhead line when viewed from the public roads or other viewpoints shown in Maps 32-39 of Appendix V.

32. On receiving a positive response from the council and/or NZTA (as applicable), Transpower shall provide a draft development plan, specifications, and costing prepared by a qualified landscape architect as an offer to

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the council and/or NZTA. The offer shall remain open for 12 months following commissioning of the line.

33. Transpower shall review any comments provided by the Council and/or NZTA and shall issue a final plan. The final plan shall be provided as soon as practicable to the Council and/or NZTA.

34. On the Council's and/or NZTA's written acceptance of the plan (where relevant) and agreement to implement the mitigation, Transpower shall, within 30 days, pay to the Council and/or NZTA the cost specified in the accepted plan (which shall include an estimate for a year of maintenance).

35. Transpower shall not be in breach of condition 31 to 34 in the event the Council and/or NZTA do not undertake the planting as provided in the final plan.

Pre-construction Activities

36. Prior to construction commencing, Transpower shall appoint a Landowner Liaison Officer, who will:

- a. Be responsible for maintaining contact with landowners and occupiers of each property prior to, and during construction; and
- b. Have a contact role with the landowner during the development of the Site Works Plan for individual properties.

37. Transpower shall make copies of individual SWPs available to council (formerly Franklin District Council) for information purposes, upon request.

Construction Management Plan (CMP)

38. Prior to commencement of any construction activity authorised by the designation, Transpower shall submit a construction management plan to the Group Manager: Environmental Services for approval. The Group Manager: Environmental Services shall respond within 20 working days. Approval shall not be unreasonably withheld. The construction management plan shall outline Transpower's intended approach to:

- a. Land stability management and sediment controls;
- b. Storage and reuse of topsoil;
- c. Management and disposal of spoil;
- d. Groundwater and stormwater management, treatment and disposal;
- e. Silt and dust control, during earthwork stages;
- f. Traffic/access management;
- g. Temporary activities and equipment storage in specified areas;
- h. Security and lighting during construction;
- i. Contaminated land management procedures;
- j. Construction noise (as set out in conditions 39-42), dust and vibration;
- k. Hours of work;
- l. Existing network utilities' protocols and guidelines;
- m. Subject to other specific conditions, cultural protocols and archaeological requirements;
- n. Vegetation clearance, disposal and restoration;
- o. The intended construction programme (including staging if appropriate);
- p. Protocols and procedures for road controlling authorities and rail operators, where the line crosses that infrastructure;
- q. Community information and liaison;
- r. Contractor training; and
- s. Generic contents of Site Works Plans (SWPs).

Nothing in this condition allows the Council, or any other party, to require more onerous controls than contained in the designation conditions.

Construction and Maintenance Noise

39. All construction and maintenance work shall be designed, managed and conducted to ensure that

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construction and maintenance noise from the designated area does not exceed the limits in NZS6803:1999 Acoustics– Construction Noise at locations set out in section 6.2 of that standard.

40. The noise limits required by condition 39 shall not apply to emergency work required to re-establish continuity of supply, urgently required to prevent loss of life or other personal injury or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects particularly at times when the stricter noise limits apply (eg, at night time).

41. Prior to any significant construction work taking place, including any earthworks, a noise management plan applicable to the construction and commissioning stages shall be prepared for the whole of the line, with the assistance of a suitably qualified and experienced person. The plan shall set out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.

42. The noise management plan required by condition 41 shall be submitted to the Group Manager: Environmental Services at least 20 working days prior to the works commencing.

Vibration

43. Vibration from all construction activities shall not exceed the limits of, and shall be measured in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Aviation

44. Transpower shall, on a monthly basis during the construction of the line, inform the New Zealand Agricultural Aviation Authority, the Civil Aviation Authority and Ardmore Airport Limited (in relation to the towers within the conical surface only, as set out in the Ardmore Aerodrome Protection Measures under Designation 200 in the Auckland Unitary Plan) of the construction activities completed in the previous month, and intended to be undertaken in the following month including:

- a. Erection of specific towers (with locations and heights); and
- b. Stringing of conductor and earthwires between specified towers.

For the avoidance of doubt, the requirement in condition 44 applies to each tower and conductoring of each tower, not merely the commencement of tower erection or conductoring.

Traffic Management Plan (TMP) for Road Crossings and Local Roads

45. Transpower shall prepare a series of traffic management plans for road crossings and local roads used by heavy traffic in accordance with Transit New Zealand's Code of Practice for Temporary Traffic Management (COPTTM), after consultation with (as relevant):

- a. The Road Controlling Authority;
- b. New Zealand Transport Agency (NZTA); and
- c. The following key stakeholders:
 - i. Emergency services (including police);
 - ii. Bus operators;
 - iii. Schools;
 - iv. Housing New Zealand Corporation;
- d. Any additional key stakeholders identified by Auckland Council.

46. A TMP shall be submitted to the council and NZTA (where relevant) at least 20 working days prior to the commencement of construction of the relevant road crossing works, or works affecting local roads. The plans may be submitted in stages, with each stage being submitted at least 20 working days prior to the commencement of the work the subject of that stage.

47. The council shall respond within 20 working days indicating whether approval is given or refused.

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Approval shall not be unreasonably withheld.

48. The TMP prepared by Transpower shall recognise that the paramount purpose of roads is the free passage of the public and its vehicles.

49. The TMPs shall address and provide details of proposed road crossing works and general use of local roads by heavy vehicles and/or mitigation measures relating to the following matters:

- a. details of the installation of any protection measures including, but not limited to, hurdles for subsequent line construction purposes;
- b. details of any necessary temporary road closures, diversions, or deviations which are likely to be required during road crossing activities, including the likely date, time, and duration of such matters (any necessary temporary road closures should be effected during off-peak periods unless this is impracticable or would have adverse impacts on adjacent properties);
- c. where diversions or deviations are required, information shall be provided by a suitably qualified and experienced traffic engineer of the traffic volumes and capacities of alternative routes, to ensure that such routes are both convenient and capable of safely accommodating any such diverted or deviated traffic;
- d. Details of the proposed signage to advise motorists, residents, stakeholders, and other road users of any road closures, diversions and delays, such signage to be sufficiently clear to be capable of ready understanding by the general public and installed at appropriate locations at least 7 days in advance of such road closures, diversions and delays;
- e. Details of methods of proposed information dissemination regarding construction activities and associated traffic effects, including but not limited to public notices in newspapers, radio announcements, information packages and direct contact with affected persons. (Such information dissemination, and the chosen method of dissemination is to be proportional to the impact);
- f. Details of prior consultation or community liaison undertaken with affected residents, stakeholders, public transport providers, emergency services or representative groups regarding proposed road closures, diversions and delays, and any measures agreed with such groups to address any adverse effects or inconvenience that may arise; and
- g. identification of any measures for the purposes of mitigating adverse traffic effects of construction traffic, including safety matters (such speed restrictions and signage), relating to cyclists, pedestrians, disabled persons, and schoolchildren.

Advice note:

1. If temporary road closure is required, additional time may be necessary to allow the Road Controlling Authority to complete the consultation and give the public notices required under section 342 and schedule 10 of the Local Government Act 1974.

Construction Entrance-ways Off Public Roads

50. Prior to the commencement of construction, Transpower shall undertake a survey of the condition of the roads in the immediate vicinity of construction entranceways off public roads (consisting of a photographic survey).

51. Transpower shall repair any damage to entranceways and public roads in the vicinity of those entranceways resulting from impacts of its construction traffic.

General Advice Note

1. In relation to the ARI-PAK A towers outside of the designated area, Transpower shall use its best endeavours to establish and follow the procedures in the conditions in relation to cultural/spiritual matters, construction noise, the preparation of the construction management plan and pre-construction activities.

Attachments

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Maps of the Designation



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Maps from Appendix V of the Board of Inquiry

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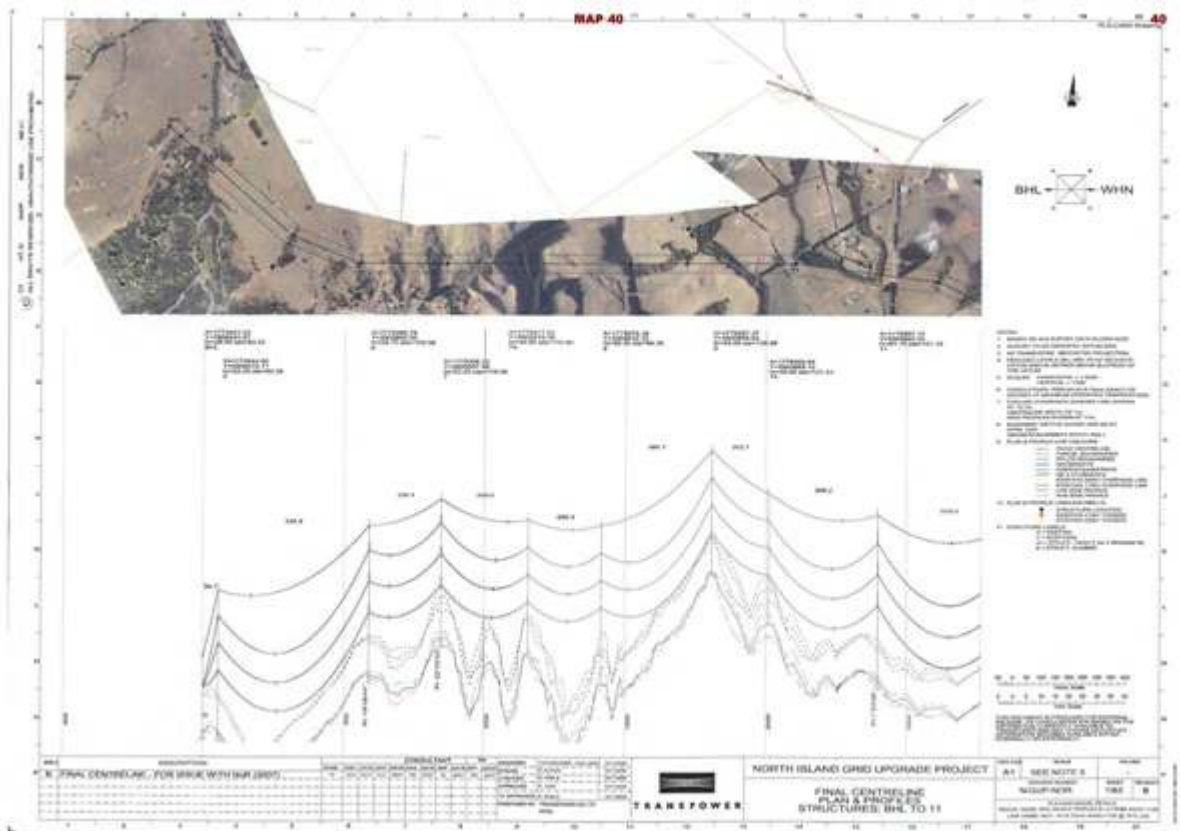
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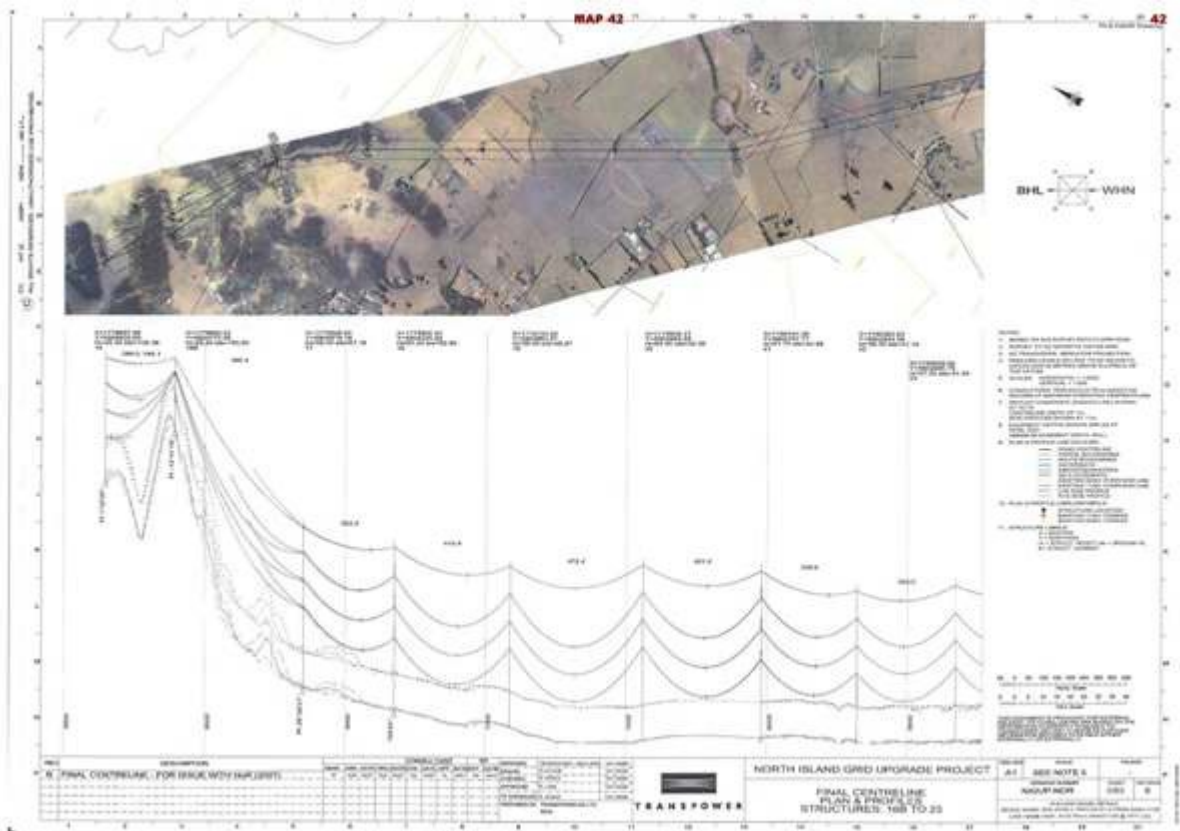
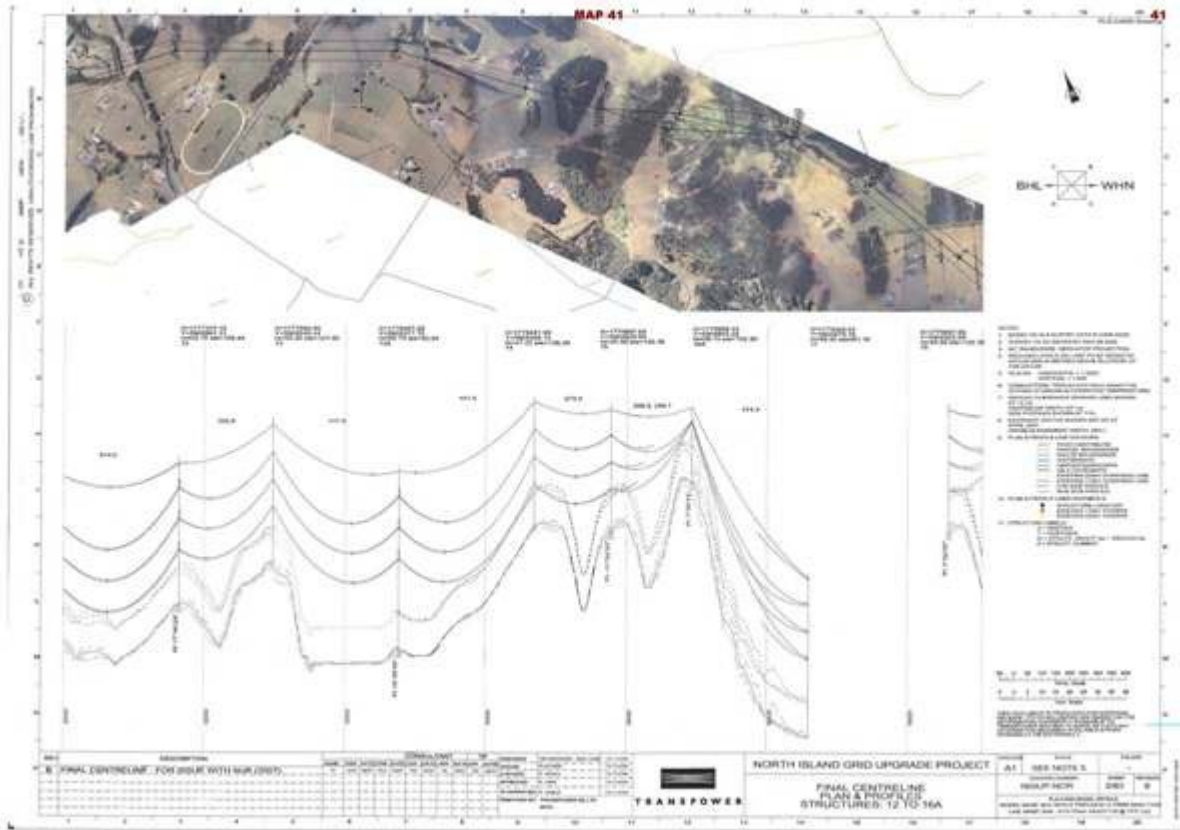
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OVERHEAD LINE SECTION: MANUKAU CITY COUNCIL (Route Sections 1-3, Towers 6-33) CONDITIONS

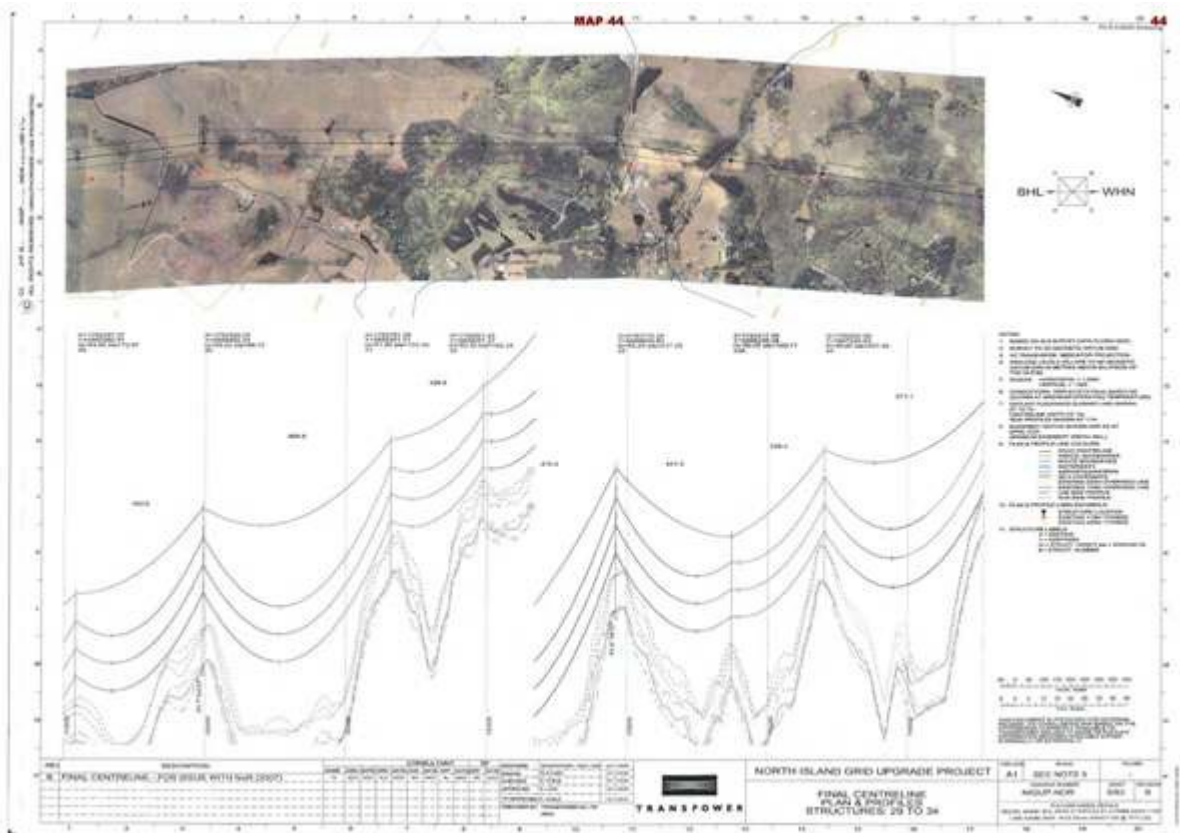
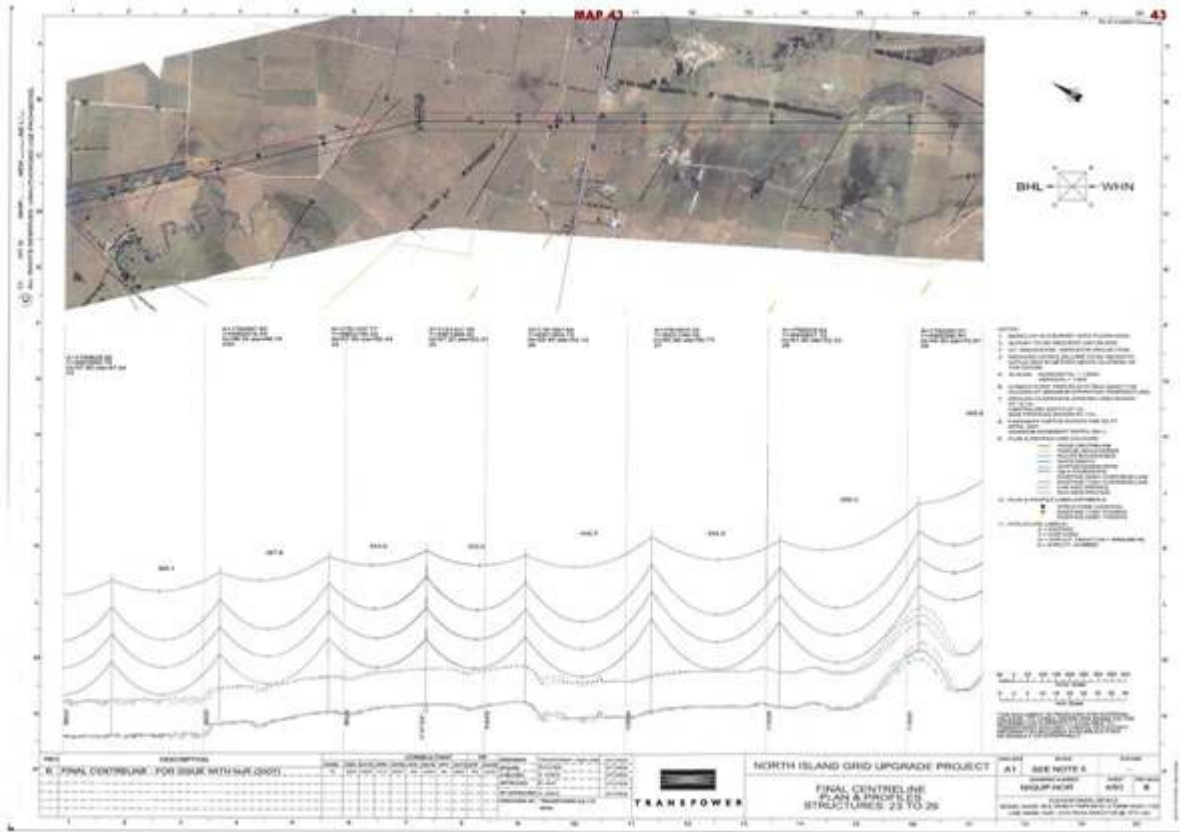
Map 40	Final Controlline Plan & Profiles, Structures: 11H, to 11, NIGUP-NOR, sheet 143, revision II	40
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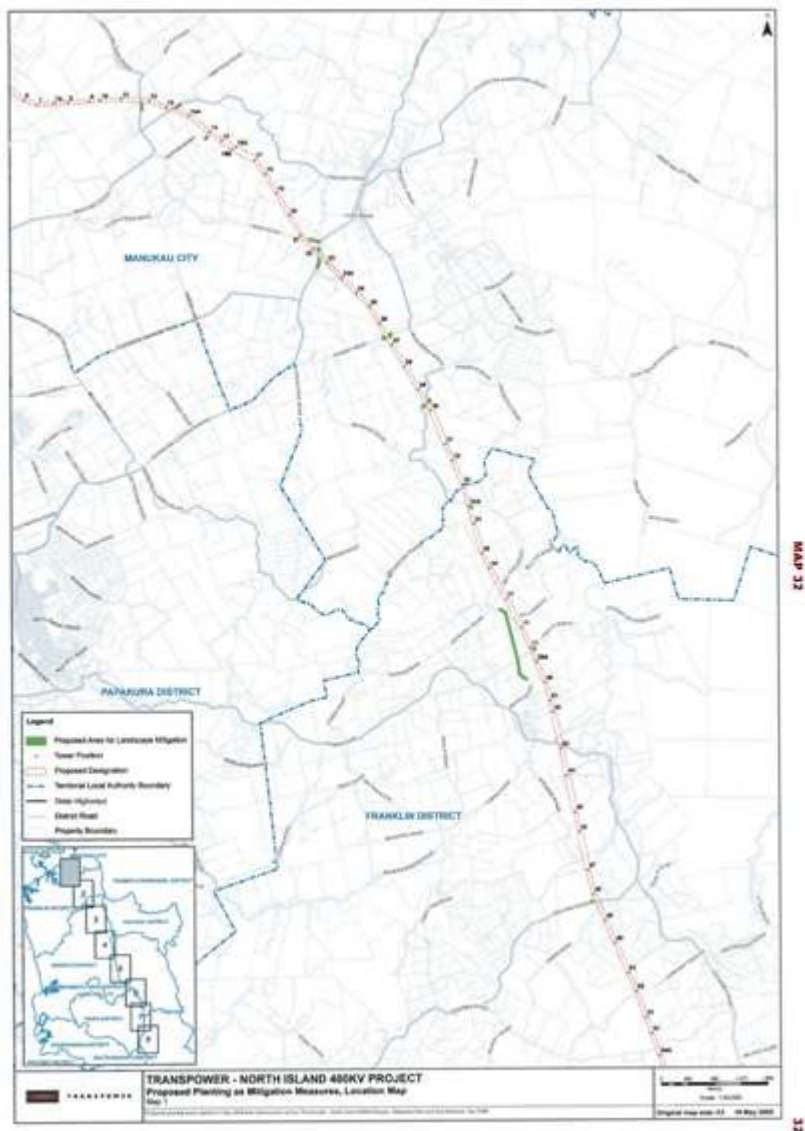
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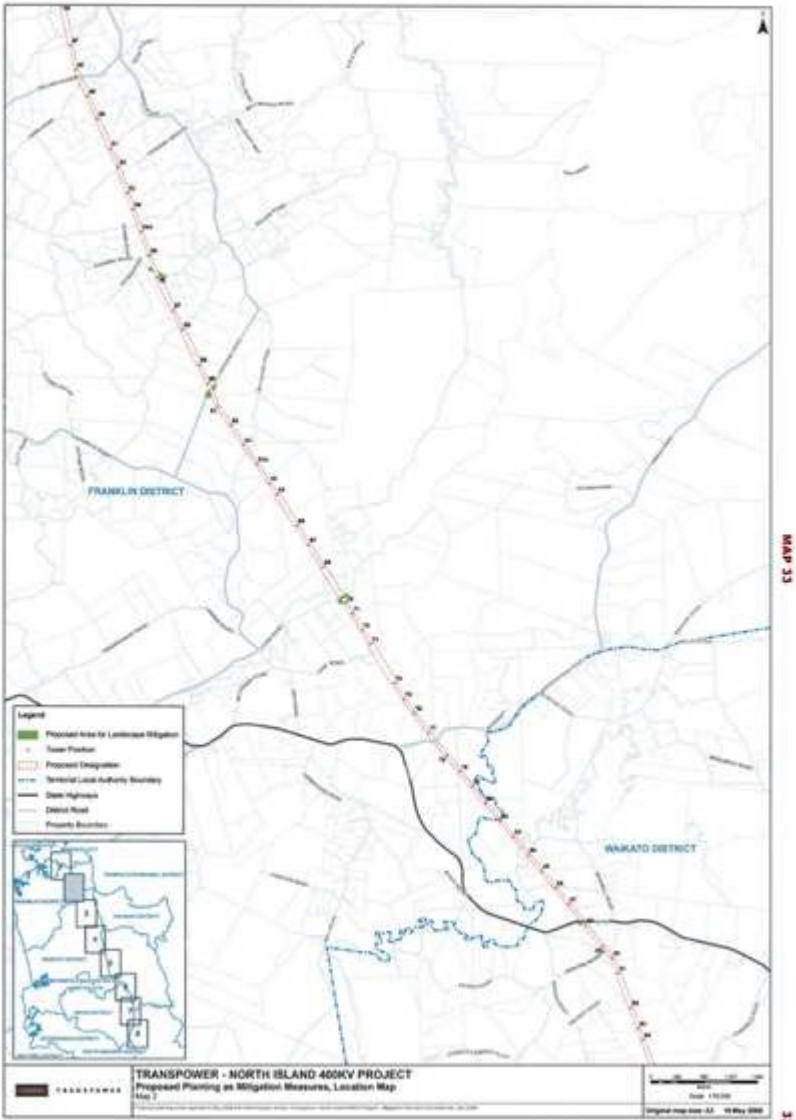
OVERHEAD LINE LANDSCAPE MITIGATION CONDITIONS

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Map 35	Proposed Planting as Mitigation Measures, Location Map, 19 May 2008, Map 4 of 8	15
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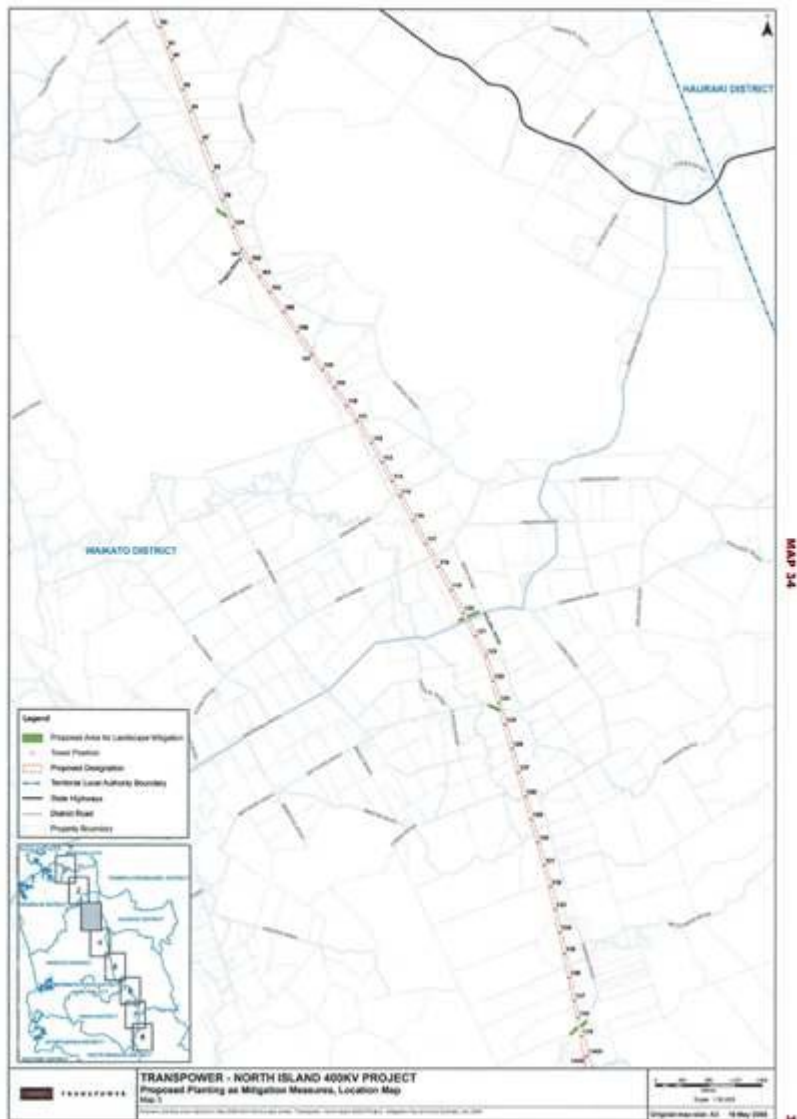
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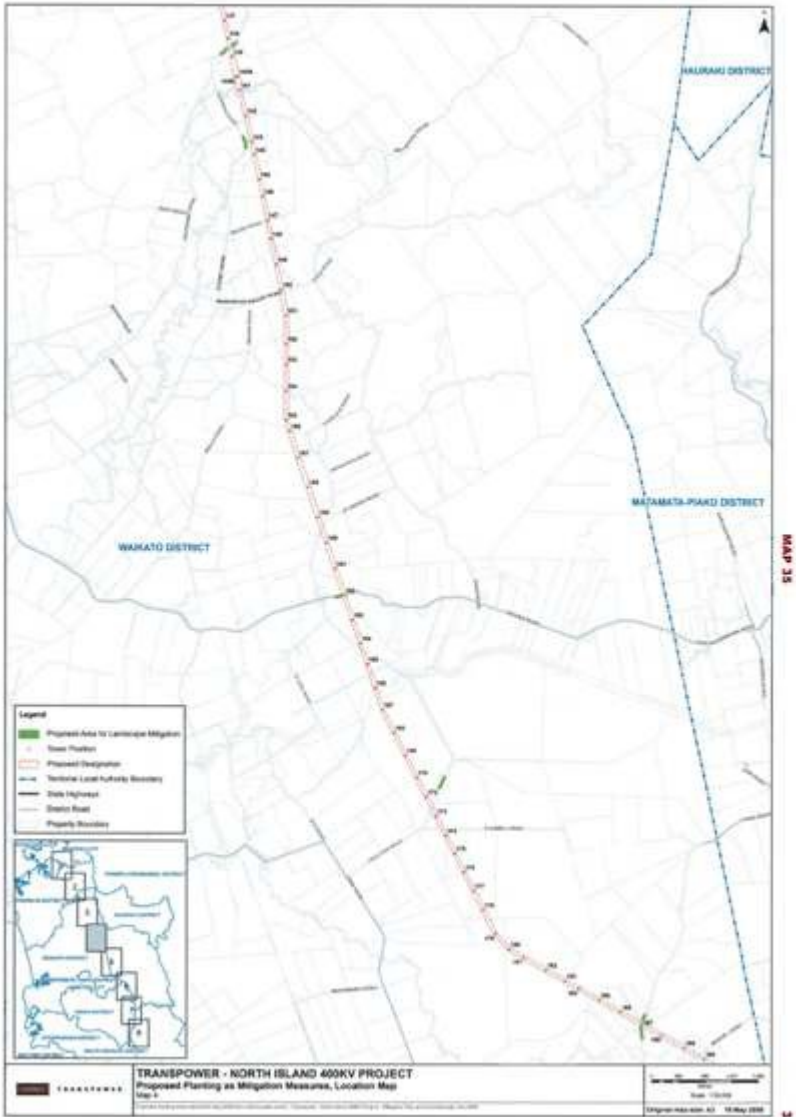
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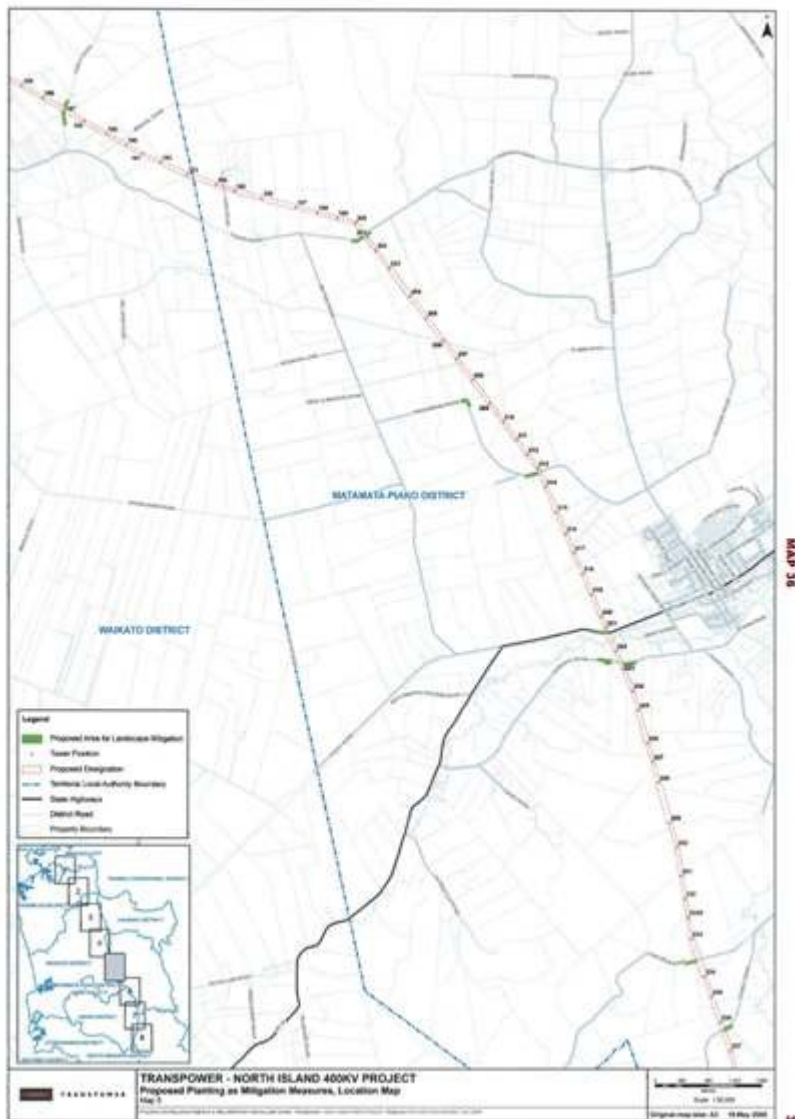
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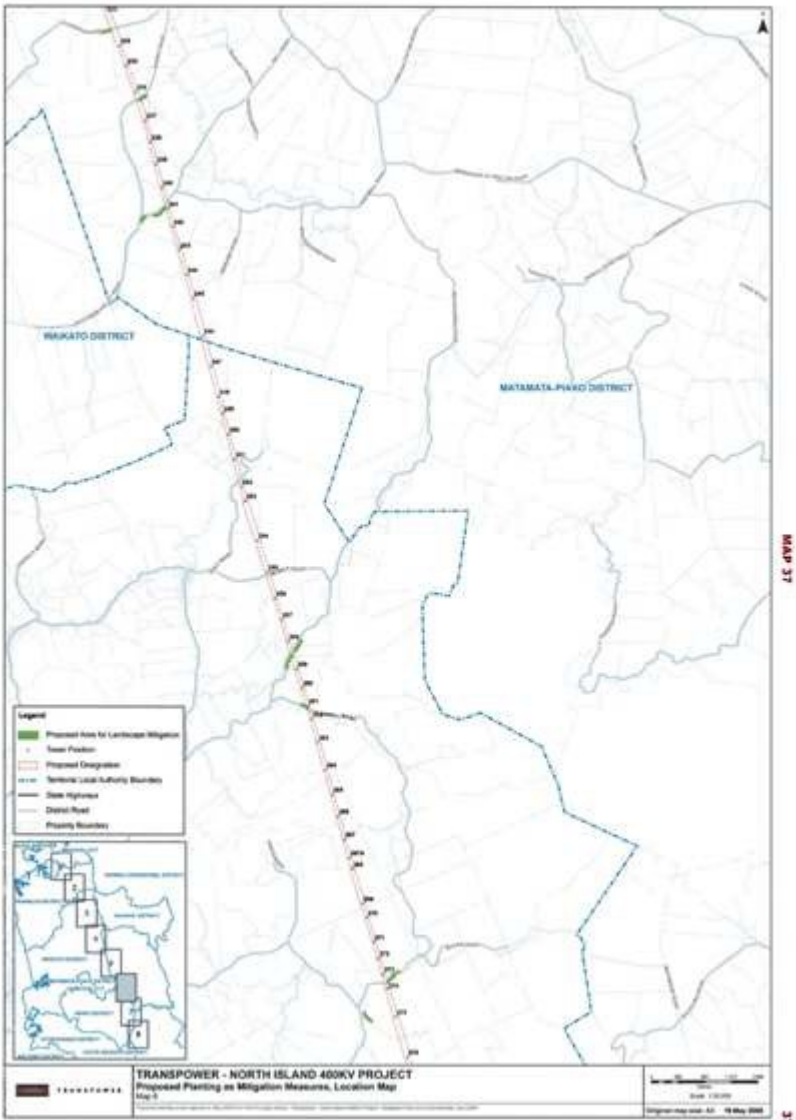
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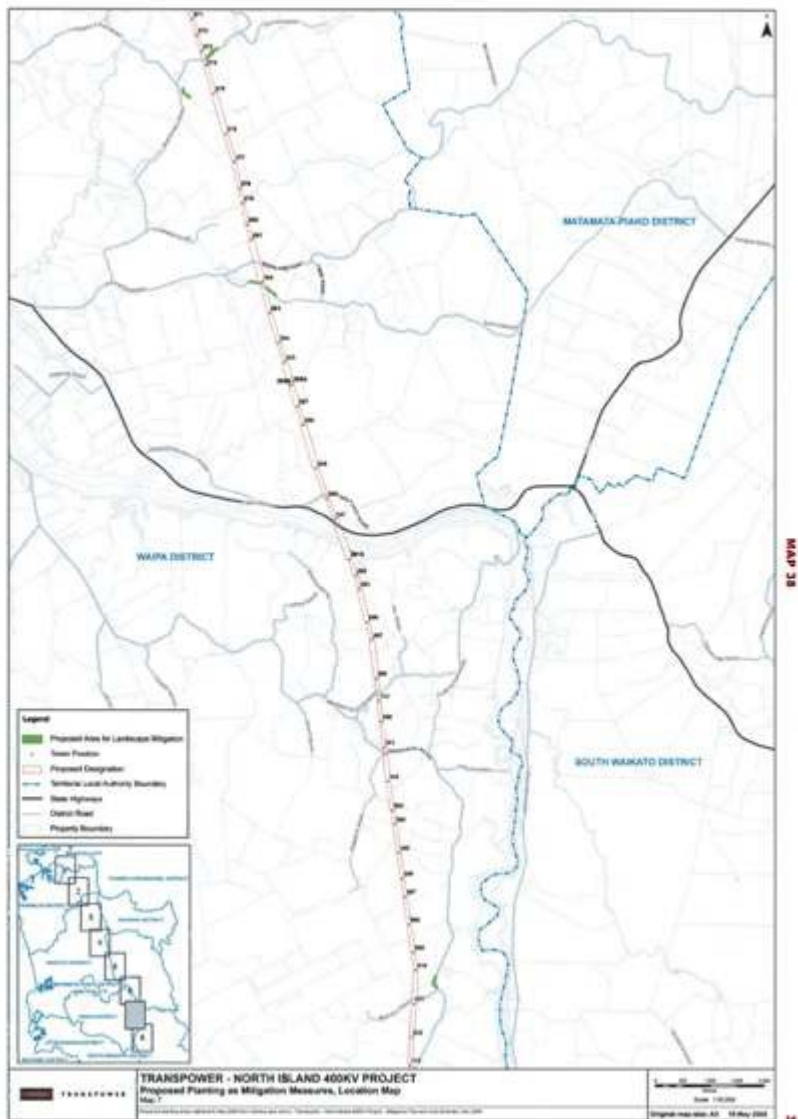
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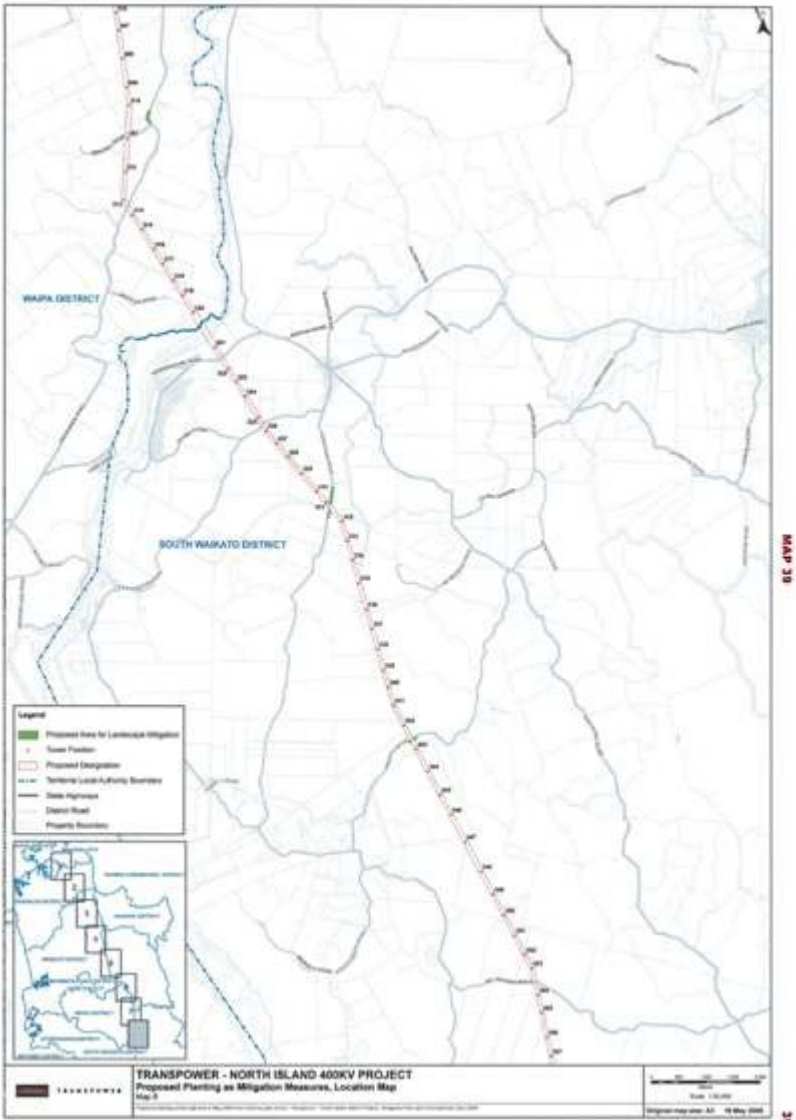
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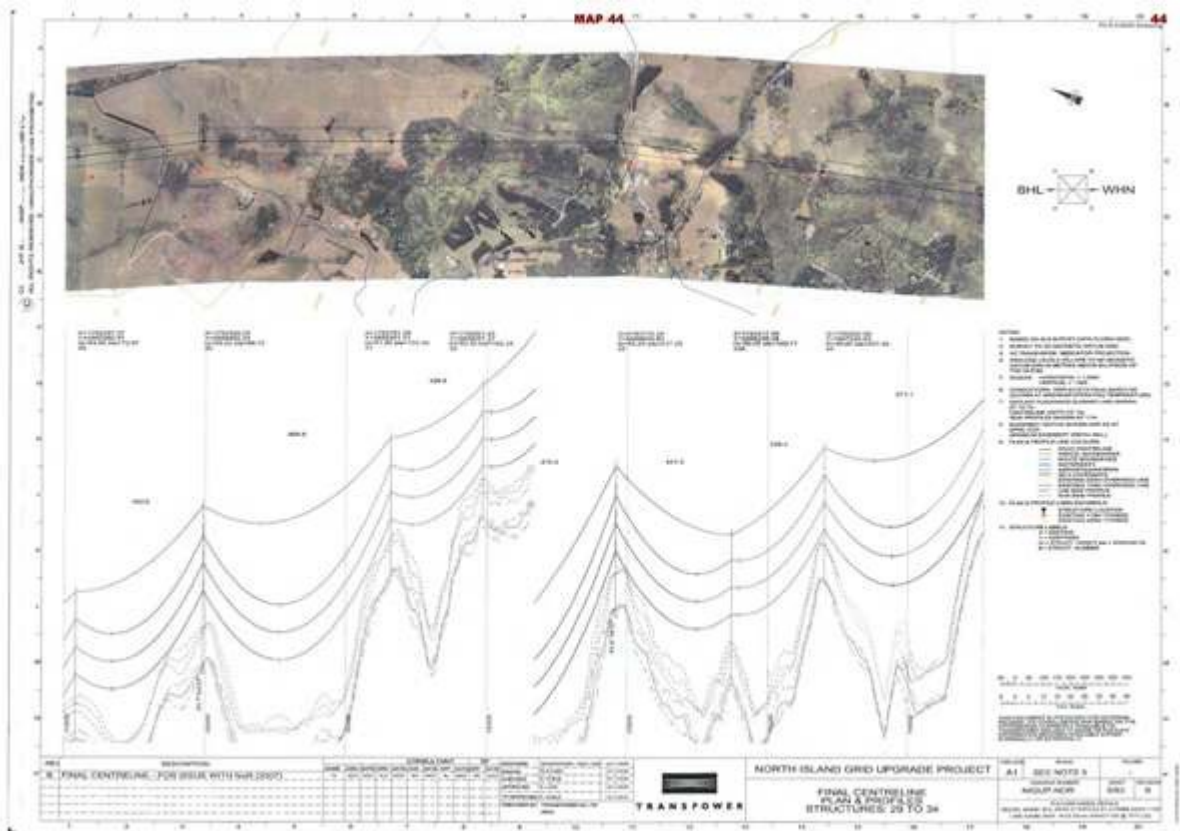


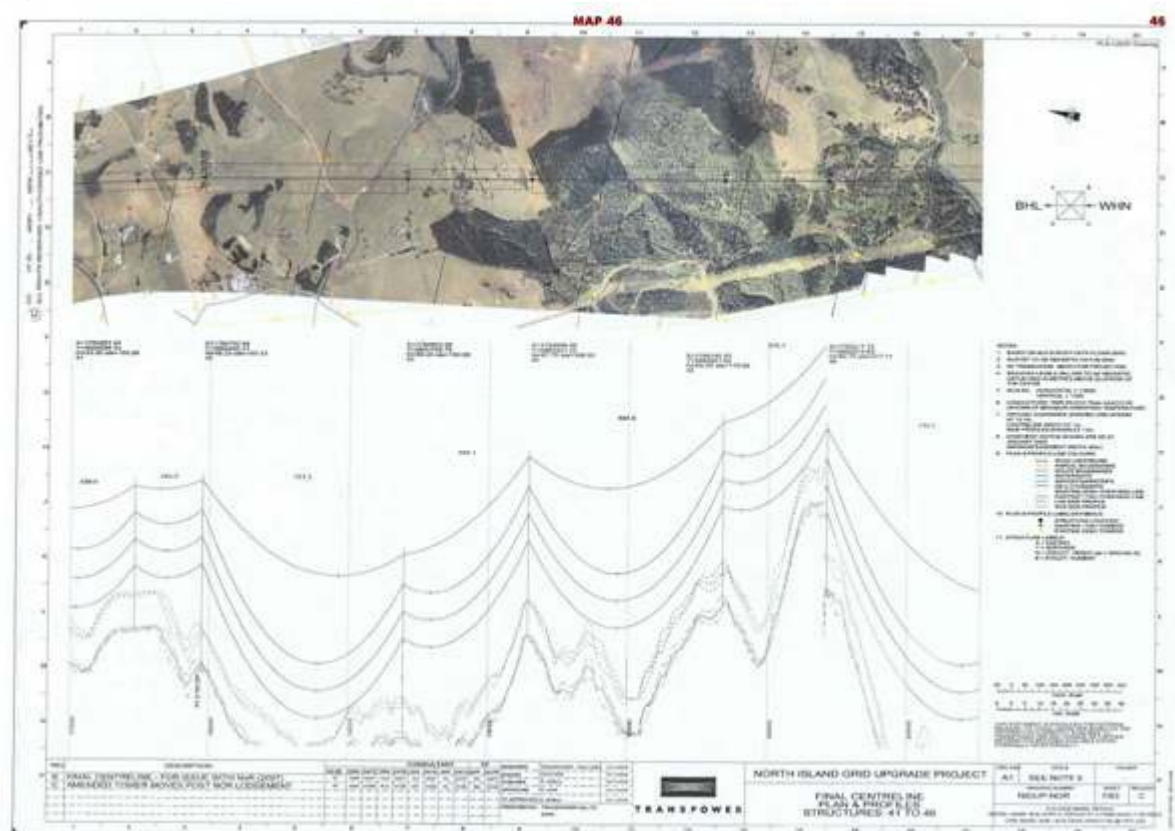
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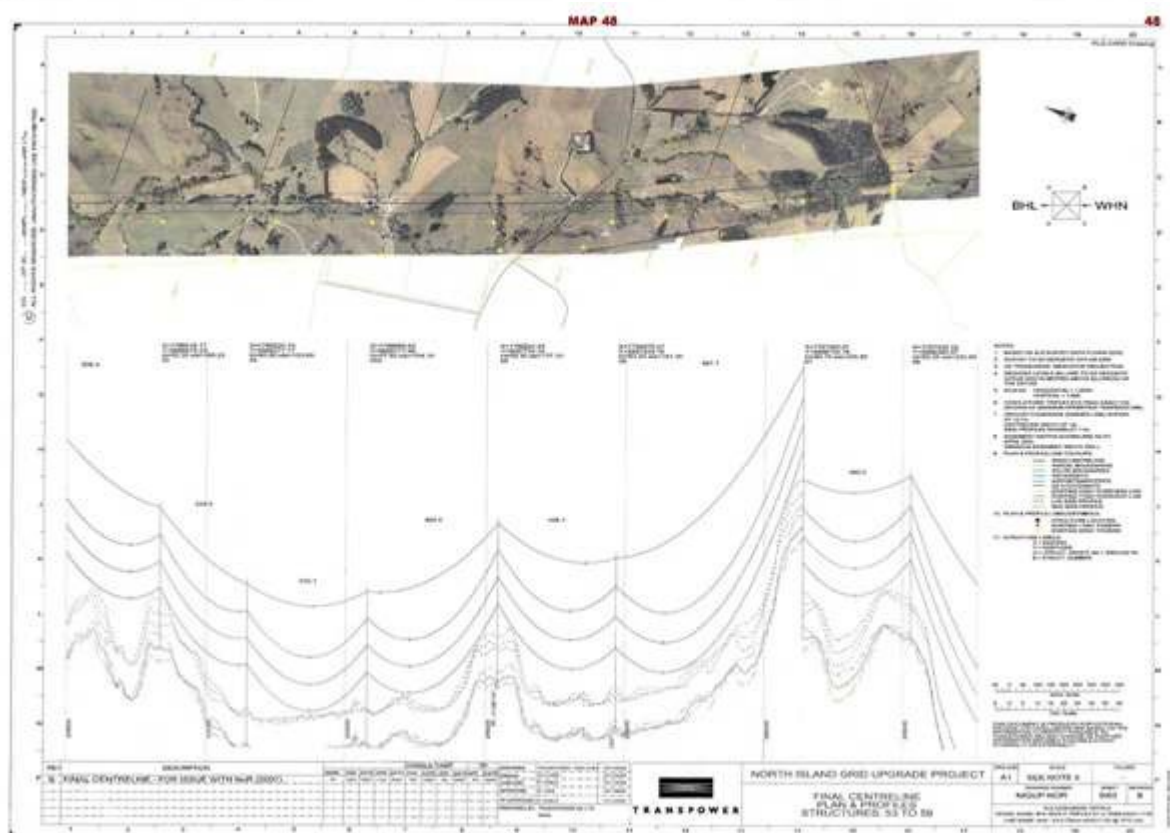
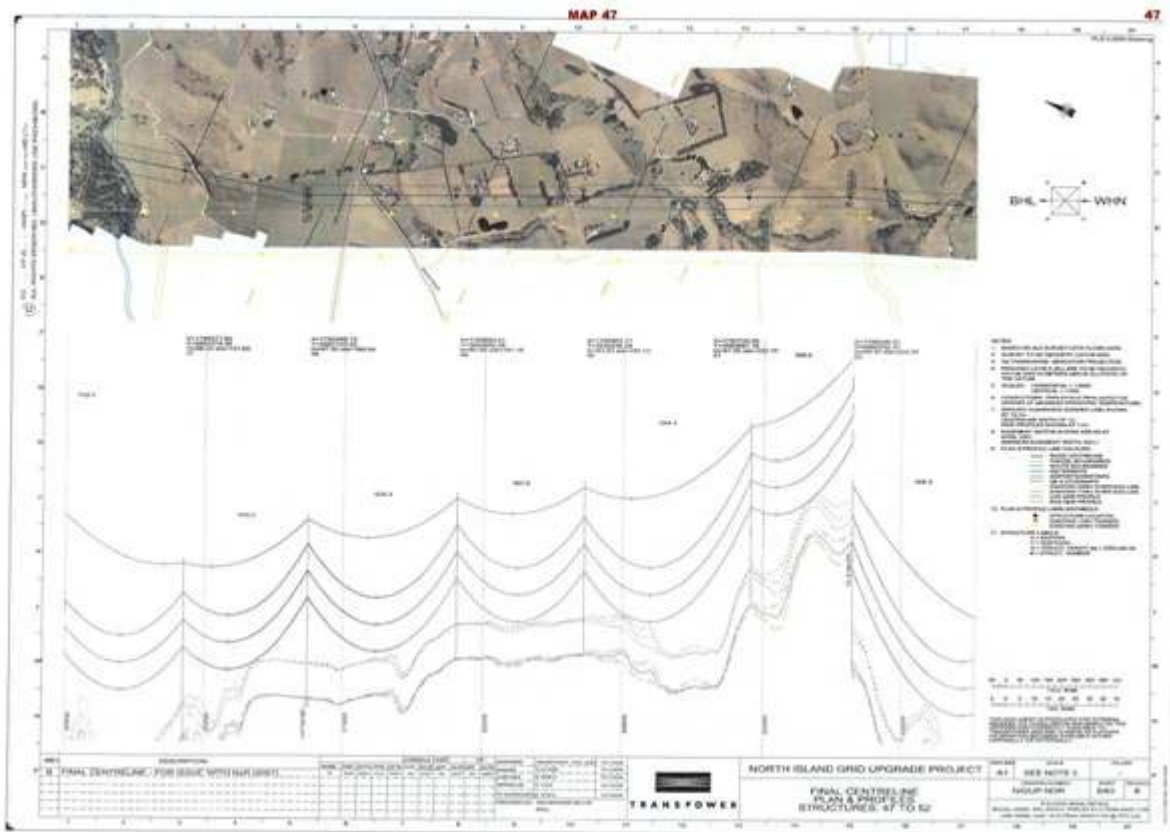
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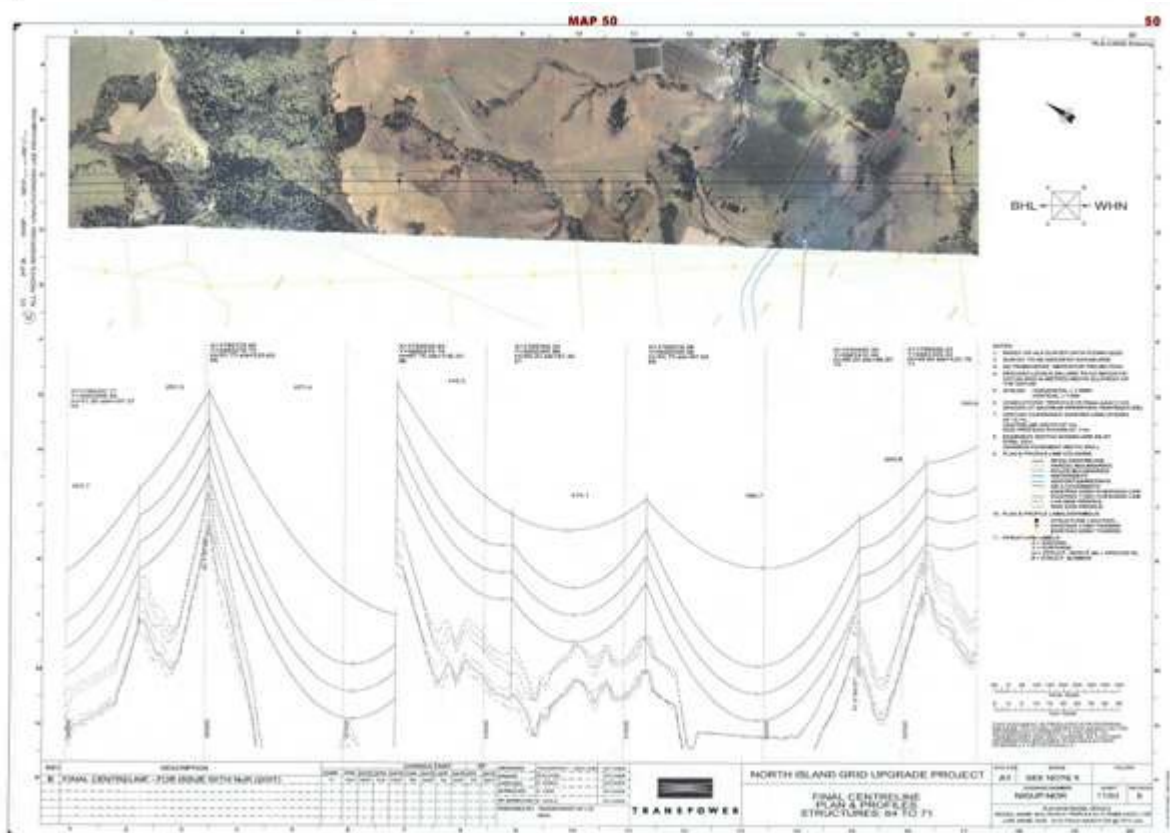
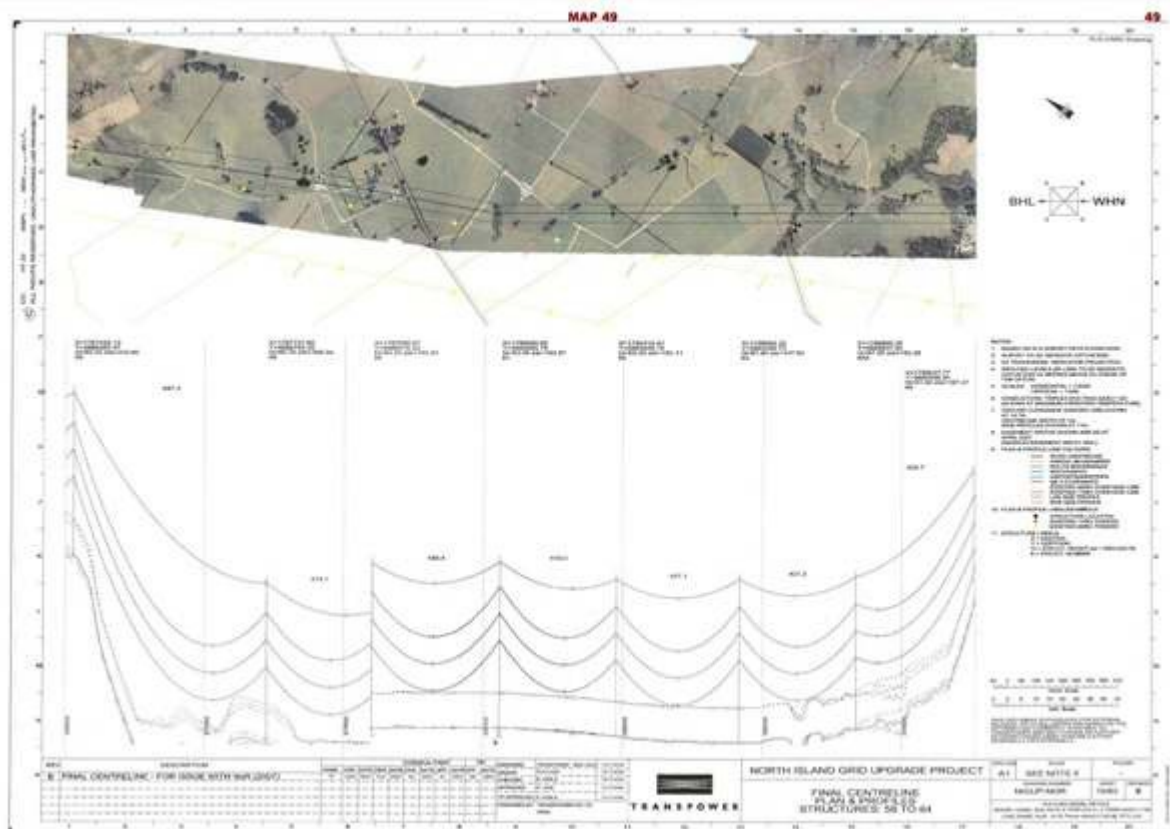




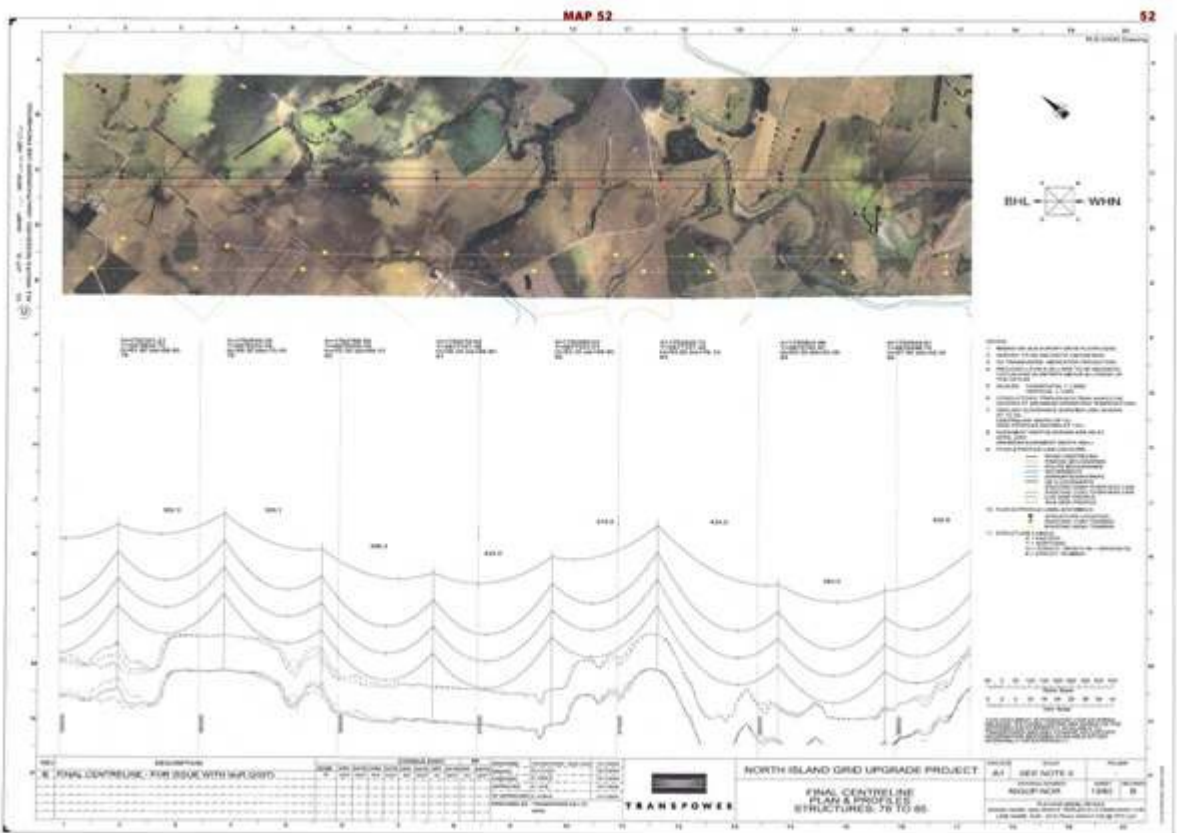
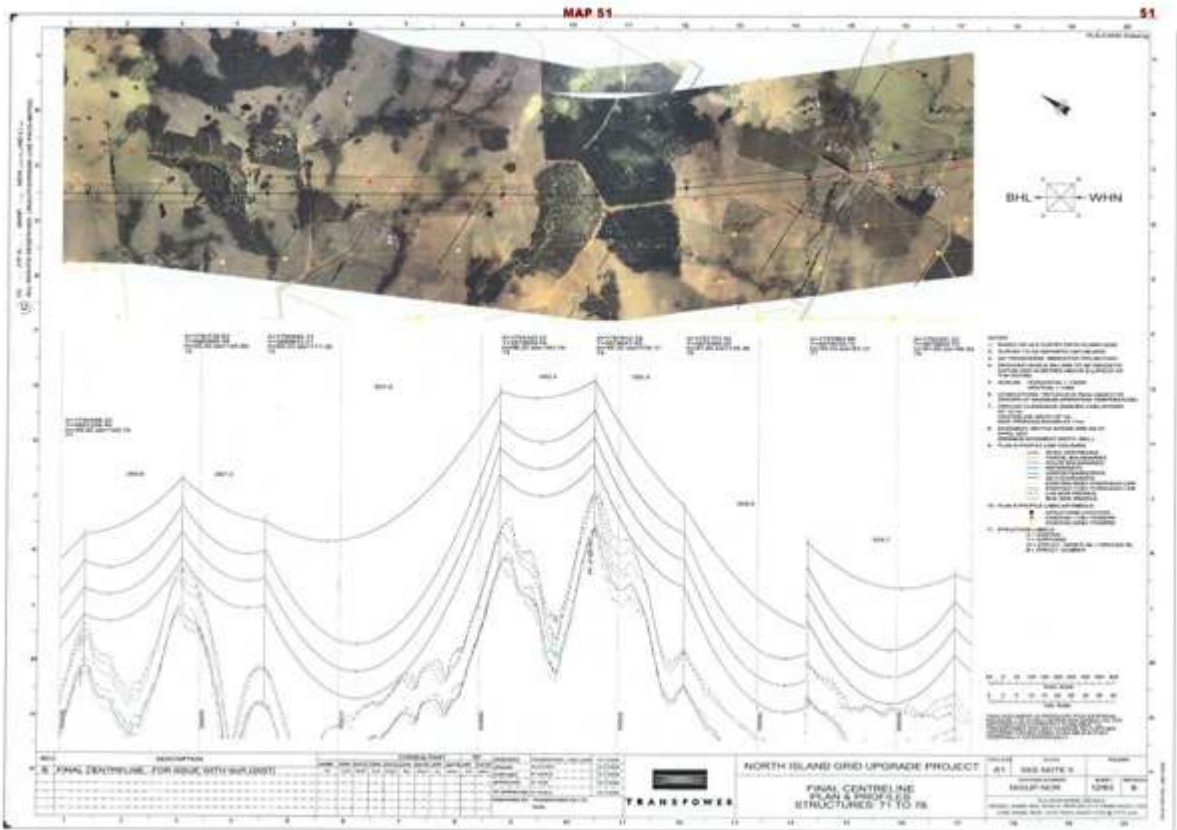
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Schedule of Legal Descriptions

Parcel ID/Appellation	
-	5232658

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Lo t 1 DP 209513	4794052
Lo t 3 DP 325254	Lot 2 DP 120924
Lo t 2 DP 325254	Pt Allot 129 Parish of Hunua
Lo t 2 DP 209513	5214773
Lo t 1 DP 176537	Lot 2 DP 370403
Lo t 1 DP 195884	Lot 1 DP 370403
Lo t 1 DP 146072	Lot 6 DP 120523
Pt Lo t 2 DP 10040	Lot 7 DP 120523
Lo t 1 DP 111461	
Lo t 3 DP 146072	Lot 3 DP 120523
Lo t 2 DP 328163	
5217146	Lot 3 DP 347436
Lo t 1 DP 103034	Lot 2 DP 135571
Pt Lo t 1 Deed s Plan 218	Lot 6 DP 135571
5216214	Pt Allot 52 Parish of Hunua
Lo t 4 DP 169254	Lot 2 DP 182315
Lo t 3 DP 169254	Pt Lot 1 DP 14602
Lo t 2 DP 153991	Lot 5 DP 135571
Pt Lo t 1 DP 73462	Lot 1 DP 135571
Lo t 1 DP 153991	5235233
Pt Allo t 24 Par ish of Wair oa	
Lo t 4 DP 142829	Lot 4 DP 105171
Lo t 3 DP 149875	Allot 50D Parish of Hunua
Sect io n 1 SO 68169	Lot 8 DP 200484
Lo t 4 DP 149875	
Lo t 5 DP 142829	
Lo t 2 DP 153296	Lot 1 DP 84999
Lo t 3 DP 203599	Lot 1 DP 204853
Lo t 2 DP 203599	Sec 1 SO 64526
Lo t 1 DP 203599	
Lot 1 DP 429956	5213027
Lo t 2 DP 203599	5266523
Lo t 1 DP 203599	Lot 2 DP 140864
Lo t 1 DP 142829	Lot 3 DP 140864
5217346	5207236
Pt Allo t 2 Par ish of Wair oa	Pt Allot 96 Parish of Opaheke
	5208904
5239649	Lot 1 DP 127133
Lo t 3 DP 142381	Lot 2 DP 127133
Lo t 1 DP 142381	Lot 3 DP 127133
5265199	Lot 6 DP 127134

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Pt Allot 21 Parish of Wairoa	Lot 5 DP 127133
Lo t 2 DP 390056	Lot 4 DP 127133
Lo t 3 DP 390056	Lot 2 DP 141886
Lot 1 DP 442622	Pt Allot 126 Parish of Opaheke
Lo t 1 DP 154672	Lot 9 DP 138548
5212735	5217037
Lot 2 DP 442622	Lot 8 DP 163302
Pt Allot 145 Parish of Hunua	Pt Allot 203 Parish of Opaheke
Pt Lo t 1 DP 60835	5215321
Lot 1 DP 62602	
Lot 1 DP 157726	
5215293	Lot 2 DP 127091
Lot 1 DP 330262	Lot 1 DP 127091
Allot 147 Parish of Hunua	5212061
Lo t 1 DP 157302	Part Lot 2 DP 77813
5213437	5228134
	Lot 8 DP 7824
Lot 2 DP 90235	Lot 2 DP 391823
Lot 2 DP 192322	Lot 9 DP 7824
Lot 2 DP 409706	Lot 10 DP 7824
5227558	Lot 4 DP 314889
Lot 1 DP 440924	5225789
Pt Allot 155 Parish of Hunua	Pt Lot 1 DP 11430
Pt Allot 156 Parish of Hunua	Lot 3 DP 11430
5265327	Lot 11 DP 7824
Lot 1 DP 98276	
Lot 2 DP 383851	5239030
Lot 2 DP 120924	Allot 114 Parish of Otau
Lot 2 DP 383851	PT Allot 138 Otau Parish
5236508	Allot 135 Otau Parish
Lot 2 DP 98276	Pt Allot 129 Parish of Hunua
Pt Allot 92 Parish of Hunua	Pt Allot 87 Parish of Hunua
Pt Allot 88 Parish of Hunua	Lot 2 DP 444182
Pt Allot 234 Parish of Hunua	Lot 1 DP 444182
Lot 1 DP 421355	Lot 2 DP 436634
Lot 1 DP 430006	Lot 2 DP 430006
Lot 2 DP 447178	

8513 Otahuhu Electricity Substation

Designation Number	8513
Requiring Authority	Transpower New Zealand Ltd

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Location	1 Gridco Road and 2 Helabys Road, Otara
Rollover Designation	Yes
Legacy Reference	Manukau 297, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Description

Electricity transmission - the operation, maintenance and upgrade of the existing Otahuhu Substation, the construction of a new 220kV substation, installation of 220kV underground cable circuits, and associated works as part of the upper North Island Grid Upgrade Project, works associated with other upgrade projects, and ancillary activities.

The nature of the works is described more particularly in Part IV (excluding section 12 in relation to suggested conditions), and also in Parts II and X of the Notices of Requirement Documentation (dated April 2007).

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. works in the immediate vicinity of the site that has been exposed shall cease;
 - b. the site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. the site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the council and, in the case of human remains, the New Zealand Police; and
 - d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

2. The works shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (i.e. when there are no faults in the transmission system).

Radio Frequency Interference

3. All works shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

4. In designing and constructing the work, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

5. Substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

6. All exterior lighting shall be designed to comply with:
 - a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1;

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- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

7. Any new equipment (such as transformers, fans and circuit breakers) required as part of the Upper North Island Grid Upgrade Project shall be designed and operated to ensure that the following noise limits shall not be exceeded:

- a. Within the boundary of any Business Zone site or any Open Space Zone outside of the designation:

All times 55 dBA L₁₀; and

- b. At or within the boundary of any residentially zoned site outside of the designated area:

- i. All days 7 am to 10 pm 50 dBA L₁₀;

- ii. All nights 10 pm to 7 am 40 dBA L₁₀; and

- iii. All nights 10 pm to 7 am 70 dBA L_{max}

8. Sound levels shall be assessed in accordance with NZS6802:1991 Assessment of Environmental Sound.

9. A design report shall be provided to the satisfaction of the council prior to the installation of any new noise generating substation equipment that demonstrates compliance with these limits.

10. Within one month of installation, the new equipment shall be assessed at source for its sound power level using EN60076-10:2001-05 Power Transformers Part 10 Determination of Sound Levels. Sound levels shall then be predicted at the designation boundary. Monitoring and prediction shall be undertaken by a suitably qualified and experienced person within one month of the commissioning of any new equipment. The results of the noise monitoring shall be made available to the Council upon request.

11. Transpower shall review the noise levels and report to council at the time of each designation roll-over on progress that has been made to reduce noise levels progressively as a result of any necessary replacement of transformers.

Advice note:

1. The existing noise levels at the Otahuhu Substation (except for construction and maintenance works) have been predicted as 52 dBA L₁₀ at Nos 8, 12 and 16 Waipapa Crescent. These sound levels contain special audible characteristics and an assessment using NZS6802:1998 would cause any performance standard to be reduced by 5 dB.

Vibration

12. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

13. Any part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Construction Management Plan (CMP)

14. At least 30 days prior to commencement of any construction activity on the site, Transpower shall submit a construction management plan to the Council's Consents Officer. The Council's Consents Officer shall respond within 20 working days indicating whether approval is given or refused.

Approval shall not be unreasonably withheld. The construction management plan shall detail:

- a. The proposed earthworks methodology;

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- b. Storage and reuse of topsoil;
- c. On-site and off-site disposal of soil;
- d. Silt and dust control;
- e. Traffic management for delivery of substation equipment and materials (excluding transformers) and general construction activities;
- f. Temporary equipment storage;
- g. Site security and lighting;
- h. Procedures for temporary storage and handling of hazardous substances, including insulation oil;
- i. Compliance with designation conditions, including (where applicable) for:
 - i. Noise;
 - ii. Hours of operation;
 - iii. Accidental discovery protocol;
 - iv. Protection of known archaeological sites;
- j. Community information and liaison (including local marae); and
- k. Procedure for managing the accidental discovery of archaeological sites or sites of significance to Māori, including contractor training prior to commencement of work.

Construction and Maintenance Noise

15. Subject to condition 16, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics—Construction Noise at locations set out in section 6.2 of that standard.

16. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).

17. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.

18. The noise management plan required by condition 17 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 204791	Lot 1 DP 201385

8514 Pakuranga Electricity Substation

Designation Number	8514
Requiring Authority	Transpower New Zealand Ltd
Location	109 Golfland Drive, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 298, Auckland Council District Plan (Manukau Section) 2002

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Electricity transmission - the ongoing use, maintenance and operation of the Pakuranga Electricity Substation, the development of the substation site as part of the upper North Island Grid Upgrade Project and associated works, and works associated with other upgrade projects, and ancillary activities.

The nature of the works is described more particularly in Part III (excluding section 12 in relation to suggested conditions), and also in Parts II and X of the Notices of Requirement Documentation (dated April 2007).

Conditions

Documents

1. The initial construction works associated with the North Island Grid Upgrade Project shall be generally in accordance with the plan entitled Pakuranga Substation NIGUP–Stage 2 Layout–Isometric, NTS 16/03/2007 PAKSKE1002-1, being page 10 of Part III of the Notices of Requirement Documentation (dated April 2007).

Cultural / Spiritual

2. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:

- Works in the immediate vicinity of the site that has been exposed shall cease;
- The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
- The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the council and, in the case of human remains, the New Zealand Police; and
- The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Landscaping

3. A visual mitigation and ecological planting plan shall be prepared for the site and submitted at least two months prior to construction of works associated with the Upper North Island Grid Upgrade Project to Council's Manager-Resource Consents and Compliance, for approval/certification. The Manager-Resource Consents and Compliance shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld. The plan shall be in general accordance with the landscape mitigation concept plan being Map 1 of Appendix V and (subject to archaeological condition 6(d)) shall consist of:

- Planting around the south and west sides of the substation site;
- Planting native plants indigenous to the locality on the terrace on the south and west sides of the substation site adjacent to the substation platform, to connect with and extend restoration of the headwaters of the Pakuranga Creek, and including species such as kahikatea, tōtara, kānuka and cabbage trees, and such other species as are common to the locality;
- A description of the name (including botanical), numbers, location, spacing and size of the plant species to be used in mitigation and ecological planting;
- Provided that suitable sources are available, all indigenous plants shall be propagated from a local, naturally occurring, source.

4. Once approved, the visual mitigation and ecological planting plan required under condition 3 may be altered or updated at any time with the approval of the Manager–Resource Consents and Compliance. The Manager shall not unreasonably withhold his or her approval, in particular for any changes to the plan required as a result of expansion of facilities within the substation site, irrespective of whether the extent of landscaping is reduced as a result of that expansion.

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5. Transpower shall implement the visual mitigation and ecological planting plan within the first planting season following completion of bulk earthworks on the site; and shall thereafter maintain the planting to the satisfaction of the Council's Manager—Resource Consents and Compliance.

Archaeology: known archaeological sites R11/2381, R11/2382 and R11/2398

6. Before any works are carried out associated with the underground cable installation within the substation site for the Upper North Island Grid Upgrade Project, Transpower shall undertake the following:

- a. Sites R11/2381 and R11/2382 shall be subject to cadastral survey prior to Site Works Plans being finalised.
- b. Should it be practicable to avoid either or both of the sites, the site or sites should be marked on all construction plans and have temporary fencing or barriers around their extent during construction to avoid accidental damage.
- c. All works in the stormwater management area south-east and adjacent to the Pakuranga Substation, where significant earthworks have not occurred in the past and, involving the stripping of topsoil, should be monitored by an archaeologist.
- d. Any planting plan developed in accordance with condition 3 should either avoid the midden sites, should it be determined that parts of them will remain after construction, or involve replanting with shallow-rooted species.

Advice notes:

1. *Maintaining the archaeological sites in mown grass would be the most desirable outcome.*
2. *This condition is subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.*

Electric and Magnetic Fields (EMF)

7. The works shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

8. All works shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

9. In designing and constructing the work, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

10. Substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

11. All exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy TP GS41.01, Issue 3, April 2006.

Operational Noise

12. All activities within the designation (except for construction and maintenance) shall be designed and operated to ensure that the following noise limits shall not be exceeded at or within the boundary of any residentially zoned site:

- a. All days 7.00 am to 10 pm 45 dBA L10;

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- b. All nights 10 pm to 7 am 35 dBA L10; and
- c. All nights 10 pm to 7 am 70 dBA Lmax.

13. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Environmental Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

14. Sound monitoring shall be undertaken by a suitably qualified and experienced person within one month of the commissioning of any new transformer. The results of the noise monitoring shall be made available to the Council upon request.

Vibration

15. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

16. Any part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Construction Management Plan (CMP)

17. At least 30 days prior to commencement of any construction activity on the site, Transpower shall submit a construction management plan to the Council's Consents Officer. The Council's Consents Officer shall respond within 20 working days indicating whether approval is given or refused.

Approval shall not be unreasonably withheld. The construction management plan shall detail:

- a. The proposed earthworks methodology;
- b. Storage and reuse of topsoil;
- c. On-site and off-site disposal of soil;
- d. Silt and dust control;
- e. Traffic management for delivery of substation equipment and materials (excluding transformers) and general construction activities;
- f. Temporary equipment storage;
- g. Site security and lighting;
- h. Procedures for temporary storage and handling of hazardous substances, including insulation oil;
- i. Compliance with designation conditions, including (where applicable) for:
 - i. Noise;
 - ii. Hours of operation;
 - iii. Accidental discovery protocol;
 - iv. Protection of known archaeological sites;
- j. Community information and liaison (including local marae); and
- k. Procedure for managing the accidental discovery of archaeological sites or sites of significance to Māori, including contractor training prior to commencement of work.

Construction and Maintenance Noise

18. Subject to condition 19, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.

19. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).

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20. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999; and the works shall be undertaken in accordance with that noise management plan.

21. The noise management plan required by condition 20 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Traffic Management Plan (TMP)

22. A traffic management plan (TMP) shall be prepared in relation to the transformer transportation from the port of arrival to the substation, after consultation with the following:

- a. The relevant road-controlling authorities;
- b. New Zealand Transport Agency (NZTA);
- c. New Zealand Police; and
- d. Key stakeholders identified by the organisations listed above in (a)–(c).

23. The TMP shall be submitted to the Council and NZTA for approval at least one month prior to transformer transportation to the substation site. The Council and NZTA shall respond within 20 working days indicating whether approval is given or refused (such approval shall not be unreasonably withheld). The TMP shall contain a methodology statement specifying the route and providing full details of:

- a. Deviations to avoid low over-bridges;
- b. Temporary bridge strengthening (where required);
- c. Road closures or other temporary traffic control measures required; and
- d. Contingency plans, should the transporter have mechanical problems.

Construction Traffic

24. During construction associated with the 220-kV switchyard, all access to the substation site associated with construction of the substation equipment shall be via the southern connection of Golfland Drive and Botany Downs Road.

25. All parking associated with construction activities shall be provided within the substation site.

Attachments

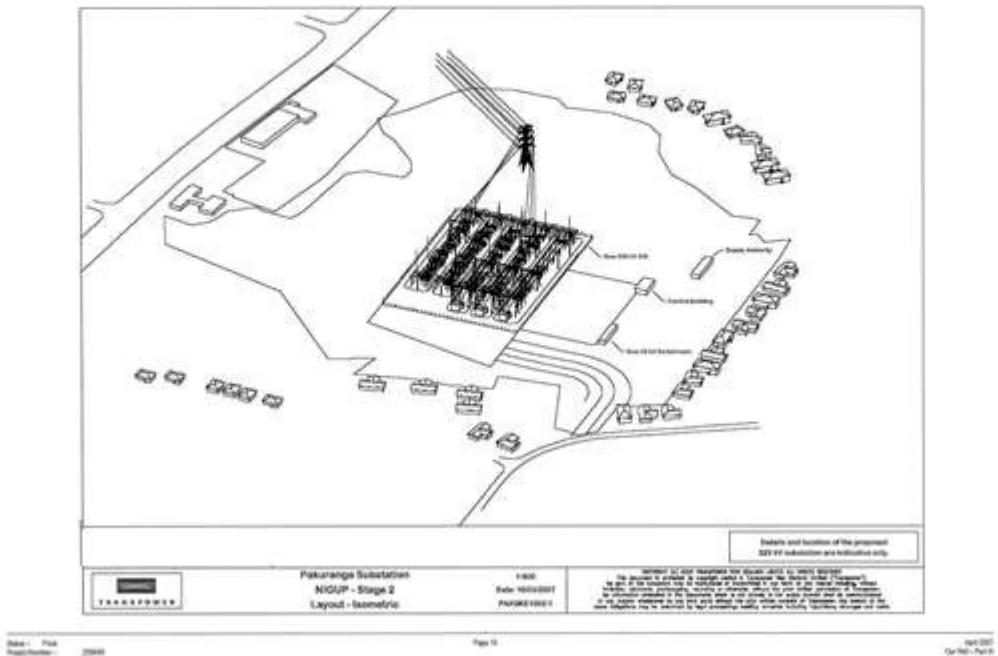
Pakuranga Substation NIGUP Stage 2 Layout Isometric

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Transpower NZ Ltd
North Island Grid Upgrade Project
Pakuranga Substation

Figure 4: Likely Future Development at the Pakuranga Substation



Map 1 of Appendix v of the Board of Inquiry Decision

INDEX OF MAPS AND PLANS REFERRED TO IN PROPOSED DESIGNATION CONDITIONS		SET 1
MAP	PLAN DESCRIPTION	PAGE
PAKURANGA SUBSTATION CONDITIONS		
Map 1	Landscaping mitigation concept plan (Map Book 8, Section 2)	1

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Schedule of Legal Descriptions

Parcel ID	
Pt Lot 1 DP 143331	Lot 2 DP 167430
Lot 146 DP 168165	Lot 77 DP 168324
Lot 81 DP 168324	Lot 82 DP 168324

8515 Brownhill Road Electricity Substation

Designation Number	8515
Requiring Authority	Transpower New Zealand Ltd
Location	16 Umbria Lane (near Brownhill Road), Whitford
Rollover Designation	Yes
Legacy Reference	Designation 299, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission- the construction, operation and maintenance of a transition station to connect the underground cable and overhead lines section of the upper North Island Grid Upgrade Project, including Tower 5 of the overhead line and additional support structures, and parts of the underground cables connecting with Pakuranga and Otahuhu Substations. Other works included in the designation on a staged basis are a 220 kV Gas-Insulated Switchgear (GIS) switching station and a 400kV GIS substation and associated works as part of the upper North Island Grid Upgrade Project, and ancillary activities.

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The nature of the works is described more particularly in Part V (excluding section 13 in relation to suggested conditions), and also in Parts II and X, of the Notices of Requirement Documentation (dated April 2007).

Conditions

Documents

1. The initial works to give effect to the designation of the Brownhill Transition Station/Substation shall be generally in accordance with Map 2 of Appendix V.

2. Tower 5 shall be a single-pole structure (monopole) and tower 4 shall be a six-pole termination structure.

Cultural / Spiritual

3. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:

- a. Works in the immediate vicinity of the site that has been exposed shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
- c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Council and, in the case of human remains, the New Zealand Police; and
- d. The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

4. The works shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

5. All works shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

6. In designing and constructing the work, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

7. Substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

8. All exterior lighting shall comply with Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006.

Operational noise

9. All activities within the site (except for construction and maintenance) shall be designed and operated to ensure that the following noise limits shall not be exceeded beyond the boundary of the designation:

- a. All days 7 am to 10 pm 55 dBA L₁₀;
- b. All nights 10 pm to 7 am 45 dBA L₁₀; and
- c. All nights 10 pm to 7 am 75 dBA L_{max};

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Except that any standby generators may operate at a noise level not exceeding 55 dBA L₁₀ at all times, measured within the notional boundary of any dwelling. Reliance on this limit should not exceed more than one successive night time period (10 pm to 7 am). Standby generators shall only be operated for maintenance purposes between the hours of 7 am to 10 pm.

10. All activities within the site (except for construction and maintenance) shall be designed and operated to ensure that the following noise limits shall not be exceeded within the notional boundary of any dwelling existing at the date of lodgement of the Notice of Requirement:

- a. All days 7 am to 10 pm 45 dBA L₁₀;
- b. All nights 10 pm to 7 am 35 dBA L₁₀; and
- c. All nights 10 pm to 7 am 65 dBA L_{max}.

11. Sound levels shall be measured and assessed in accordance with NZS6801:1991 Measurement of Sound and NZS6802:1991 Assessment of Environmental Sound.

12. Sound monitoring shall be undertaken by a suitably qualified and experienced person within one month of the commissioning of any new transformer. The results of the noise monitoring shall be made available to the council upon request.

Vibration

13. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

14. Any part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Visual Mitigation and Revegetation Plan

15. A visual mitigation and revegetation planting plan shall be prepared for the site and submitted at least two months prior to the commencement of initial construction on-site to Council's Manager–Resource Consents and Compliance for approval/certification. The Manager, Resource Consents and Compliance shall respond within 20 working days indicating whether approval is given or refused. Such approval shall not be unreasonably withheld. The plan shall be in general accordance with the landscape mitigation concept plan (Map 3 of Appendix V) and shall consist of:

- a. Excess cut and topsoil from the construction site shall be contoured to increase the height of the spur east of the substation platform and improve the growing conditions for screen planting proposed for this spur;
- b. Fast-growing trees typical of rural landscapes shall be planted on the spur, with the intention of reducing visibility of the substation site from the east;
- c. Native revegetation planting shall be carried out on lower slopes of the spur. This planting shall be similar in type to that undertaken in the rural residential subdivision on the opposite side of Brownhill Road. It shall be planted to the property boundary adjacent to the Turanga Creek. The intention of this planting is to provide longer-term screening and ecological and amenity benefit;
- d. Native revegetation planting will be carried out on the spur north-west of the substation platform to provide partial screening from the Regis Park area. Species shall include kānuka, tōtara and rewarewa;
- e. Native revegetation planting shall be carried out in the valley south-west of the substation site. The intention of this planting is to provide ecological and amenity benefits;
- f. A description of the name (including botanical), numbers, location, spacing and size of the plant species to be used in mitigation and ecological planting; and
- g. As far as practicable, all indigenous plants shall be propagated from a local, naturally occurring source.

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16. Once approved, the visual mitigation and revegetation planting plan required under condition 15 may be altered or updated at any time with the approval of the Manager–Resource Consents and Compliance. The Manager shall not unreasonably withhold his or her approval, and in particular for any changes to the plan required as a result of expansion of facilities within the substation site, irrespective of whether the extent of landscaping is reduced as a result of that expansion.

17. Transpower shall implement the visual mitigation and revegetation planting plan within the first planting season following completion of bulk earthworks and shall thereafter maintain the planting to the satisfaction of Council's Manager–Resource Consents and Compliance.

Construction Management Plan (CMP)

18. At least 30 days prior to commencement of any construction activity on the site, Transpower shall submit a construction management plan to the Council's Consents Officer. The Council's Consents Officer shall respond within 20 working days indicating whether approval is given or refused.

Approval shall not be unreasonably withheld. The construction management plan shall detail:

- a. The proposed earthworks methodology;
- b. Storage and reuse of topsoil;
- c. On-site and off-site disposal of soil;
- d. Silt and dust control;
- e. Traffic management for delivery of substation equipment and materials (excluding transformers) and general construction activities;
- f. Temporary equipment storage;
- g. Site security and lighting;
- h. Procedures for temporary storage and handling of hazardous substances, including insulation oil;
- i. Compliance with designation conditions, including (where applicable) for:
 - i. Noise;
 - ii. Hours of operation;
 - iii. Accidental discovery protocol;
 - iv. Protection of known archaeological sites;
- j. Community information and liaison (including local marae); and
- k. Procedure for managing the accidental discovery of archaeological sites or sites of significance to Māori, including contractor training prior to commencement of work.

Construction and Maintenance Noise

19. Subject to condition 20, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.

20. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects particularly at times when the stricter noise limits apply (eg, at night-time).

21. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999; and the works shall be undertaken in accordance with that noise management plan.

22. The noise management plan required by condition 21 shall be submitted to Council's Consents Officer for approval, at least 20 working days prior to the works commencing. The Council's Consents Officer shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably

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withheld.

Traffic Management Plan (TMP)

23. A traffic management plan (TMP) shall be prepared in relation to the transformer transportation from the port of arrival to the substation site, after consultation with:

- a. The relevant road-controlling authorities;
- b. New Zealand Transport Agency (NZTA);
- c. New Zealand Police; and
- d. key stakeholders identified by the organisations listed above in (a)–(c).

24. The TMP shall be submitted to the Council and NZTA for approval at least one month prior to transformer transportation to the substation site. The Council and NZTA shall respond within 20 working days indicating whether approval is given or refused (such approval shall not be unreasonably withheld). The TMP shall contain a method statement specifying the route and providing full details of:

- a. Deviations to avoid low over-bridges;
- b. Temporary bridge strengthening (where required);
- c. Road closures or other temporary traffic control measures required; and
- d. Contingency plans, should the transporter have mechanical problems.

Brownhill Road Upgrade

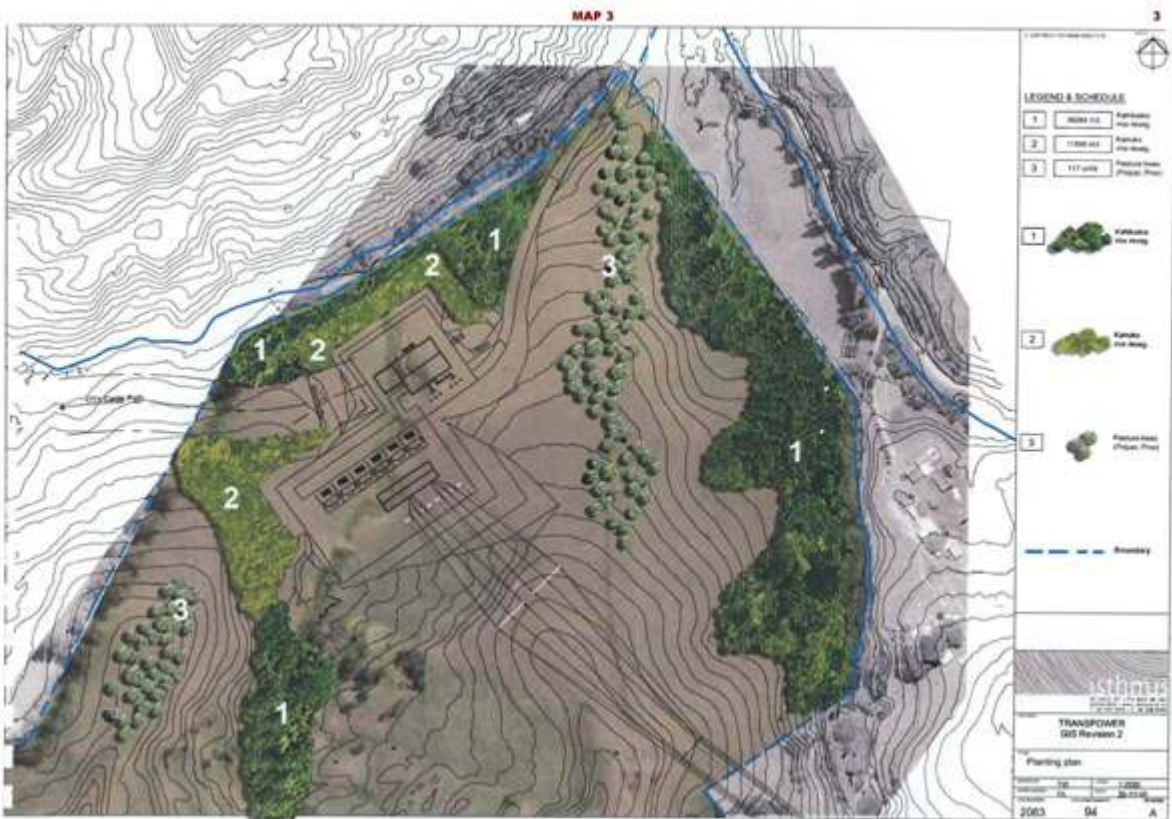
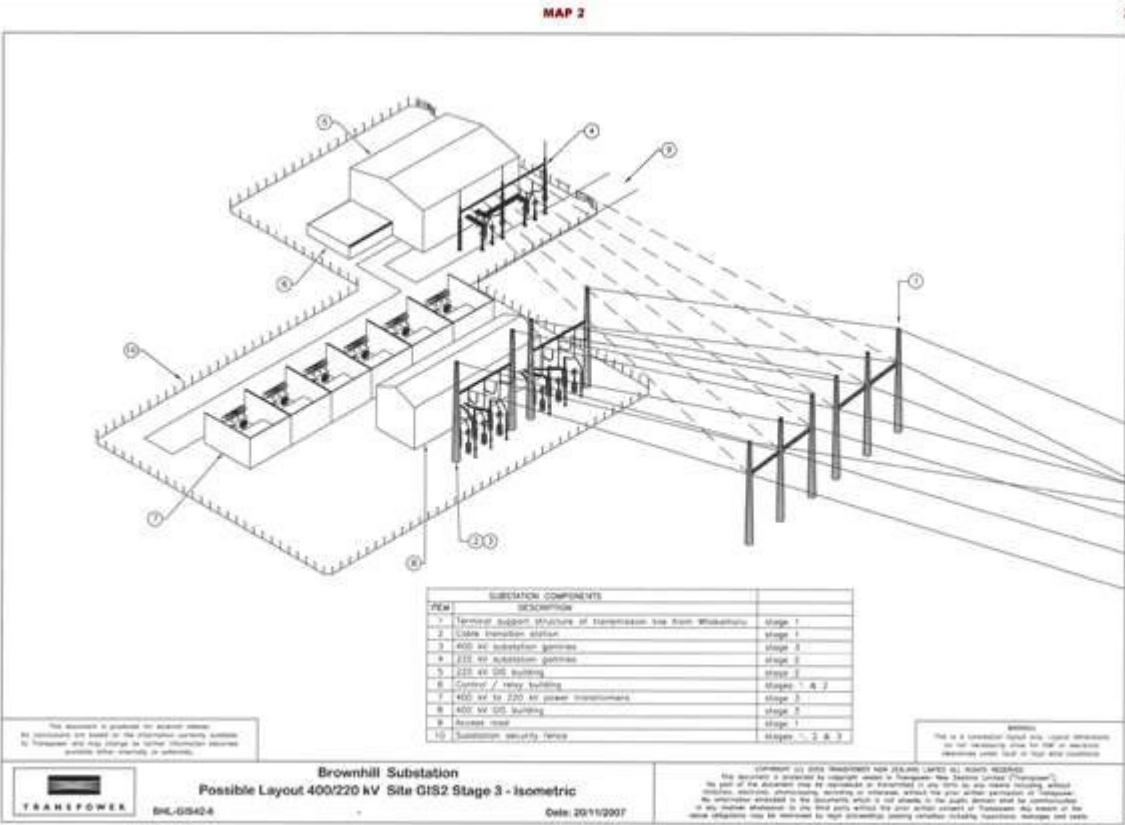
25. After installation of the cables, Transpower shall after consultation with council upgrade the surface of Brownhill Road to the entrance to the substation site to meet council's minimum design standards for rural roads as defined in their Engineering Quality Standard R16–Rural Road “Minimum Standard”.

Attachments

Map 2-3 of Appendix V of the Board of Inquiry

INDEX OF MAPS AND PLANS REFERRED TO IN PROPOSED DESIGNATION CONDITIONS		SET 2
MAP	PLAN DESCRIPTION	PAGE
BROWNHILL SUBSTATION CONDITIONS		
Map 2	Brownhill Substation, Possible Layout 800/220kV Site (DS2, Stage 2) – Isometric, Date 20/11/2007	2
Map 3	Landscape mitigation concept plan (Map Book 6, Section 3)	3

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Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 209513	Lot 3 DP 325254

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8516 Brownhill Road to Pakuranga Underground Electricity Transmission Cables

Designation Number	8516
Requiring Authority	Transpower New Zealand Ltd
Location	143 Brownhill Road, Whitford to 109 Golfland Drive, Howick
Rollover Designation	Yes
Legacy Reference	Designation 300, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission- the construction, operation and maintenance of a double circuit underground 220kV cable as part of the upper North Island Grid Upgrade Project, to convey electricity between the Pakuranga Substation and the substation site at Brownhill Road, and ancillary activities.

The nature of the work is described more particularly in Part VI (excluding section 12 in relation to suggested conditions), and also in Parts II and X of the Notices of Requirement Documentation (dated April 2007).

Conditions

Documents

1. The initial works to give effect to the designation of the Pakuranga to Brownhill underground cable shall be generally in accordance with Maps 8-12 of Appendix V.

Cultural / Spiritual

2. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:

- Works in the immediate vicinity of the site that has been exposed shall cease;
- The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
- The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Council and, in the case of human remains, the New Zealand Police; and
- The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Magnetic Fields (MF)

3. The works shall be designed and constructed to limit the magnetic field exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time varying electric, magnetic and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 100 µT for magnetic flux density when measured at one metre above ground level directly above any cable under normal operating conditions (ie, when there are no faults in the transmission system).

4. In order to reduce long-term public exposure to MFs no habitable buildings shall be constructed within the designation corridor for the underground cable.

Radio Frequency Interference

5. All works shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

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Earth Potential Rise / Induced Voltages

6. The works shall be designed and constructed to comply with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

7. The works shall be designed and constructed so as not to cause existing assets of other utilities to be non-compliant with AS/NZS 4852:2000 Electrical Hazard on Metallic Pipelines.

Existing Utilities

8. Transpower shall liaise with all relevant utility operators during the detailed design and subsequent construction processes prior to undertaking any work pursuant to this designation and shall ensure that:

- a. It is aware of the location of all utility services existing at the time of construction in or adjacent to the designation; if necessary, exploratory excavation shall be undertaken;
- b. To the greatest extent practicable, all utility services existing at 28 May 2007 (being the date the Notice of Requirement was lodged) located in or adjacent to the designation are protected from any activity associated with the Upper North Island Grid Upgrade Project which may interfere with the proper functioning of the services;
- c. if it is not practicable to avoid a reduction in the level of service in accordance with (b) above, or if services are otherwise damaged, all utility services existing at 28 May 2007 located in or adjacent to the designation are repaired or relocated at Transpower's expense, to the reasonable satisfaction of the affected utility operator; and
- d. Reasonable access to existing utility services located in or adjacent to the designation are able to be accessed during construction.

9. Nothing in condition 8 (c) requires Transpower to:

- a. Provide compensation to any affected utility operator for indirect costs, such as for delays and inconvenience caused; and
- b. Put the owner of the utility services in a better position than if the Upper North Island Grid Upgrade Project had not been proposed or installed.

Construction Management Plan (CMP)

10. At least 30 working days prior to commencing any construction activity along the designated underground cable route, Transpower shall submit a Construction Management Plan (CMP) to council for approval. The Council shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

The construction management plan shall outline Transpower's intended approach to:

- a. The proposed construction methodology;
- b. Storage and reuse of top soil, including stockpiling areas;
- c. On-site and off-site disposal of spoil;
- d. Silt and dust control, during earthwork stages;
- e. Groundwater and stormwater management, treatment and disposal;
- f. Traffic/property access management;
- g. Contaminated land management procedures;
- h. Construction hours;
- i. Existing network utilities protocols and guidelines;
- j. Access and utilities management;
- k. Subject to other specific conditions, cultural protocols and archaeological requirements;
- l. Land stability management and water quality and sediment controls;
- m. Vegetation disturbance/removal and replacement;
- n. Management of construction activities;
- o. Contractor training, including health and safety;
- p. The intended construction programme, including staging if appropriate;
- q. Management of construction noise;
- r. Community information and liaison;

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- s. Temporary activities and equipment storage in specified areas;
- t. Contractor car parking in specified areas;
- u. Security and lighting during construction; and
- v. Situations where the proposed cable depth could differ from the 1500 mm shown on Maps 6 or 7 of Appendix V, including likely reasons for differing depth and means of resolving any issues arising from that depth.

11. In preparing the CMP in accordance with condition 10, the following minimum requirements shall be met:

- a. Quality soil shall be reused, where appropriate, and suitable stockpiling areas shall be identified;
- b. Spoil which is not reused in construction shall be disposed of at appropriate facilities;
- c. Dust on-site shall be minimised to ensure that there is no dust nuisance off-site as a result of the works. Such minimisation could include spraying with water or covering of areas;
- d. Clean stormwater shall be directed away from bare or earthworked areas and sediment laden runoff shall be properly controlled and managed to minimise any discharge of sediments into watercourses;
- e. As far as practicable, disturbance to riparian areas and stream banks and beds shall be minimised during construction;
- f. Measures for testing and removing any contaminated land along the route shall be developed;
- g. Liaison with existing utility providers with underground services within the designated route shall be undertaken;
- h. adequate measures shall be implemented so as to avoid land slope failure;
- i. When construction is taking place within the dripline of any tree over two metres in height to be retained on a public road or other public or private land, a qualified arborist shall be engaged to advise on the best method of root pruning and for continuing long-term avoidance of root interference with the cable;
- j. Site contractors shall have available at all working times, at an accessible place along the cable route, copies of all designation and consent conditions, the approved Construction Management Plan and the Draft Protocols entitled Transpower Grid Upgrade Project Protocol for Dealing with Kōiwi or Taonga Unearthed During Construction and the Discovery of Sites of Significance, Wāhi Tapu, Heritage Sites and Archaeological Sites (or updated document). Transpower shall ensure that the contractors understand the designation conditions and consent conditions;
- k. Transpower shall notify the Council in writing at least 10 working days before commencing works (including a separate notification for works commencing in Turanga Creek, Mangemangeroa Stream and Otara Creek), and shall notify the Councils that works have been completed within 10 working days following completion of the works;
- l. Parties adjacent to the route shall be notified prior to commencement of works and shall be regularly updated;
- m. Temporary activities, such as equipment storage shall be undertaken in suitably located areas (ie, not within 20 metres of a watercourse);
- n. Contractor car parking shall be suitably located, so as to not prevent property access; and
- o. Work sites shall be secure and illuminated to restrict access as appropriate.

Advice note:

- 1. Where the CMP requires Transpower to give notice to the Council, that notice can be given progressively, as stages of the work are complete.

Construction hours

12. Construction hours shall be as follows:

- a. Monday to Friday: 7 am to 6 pm;
- b. Saturday: 8 am to 1 pm; and
- c. Sundays and public holidays: No work.

Except where work is necessary outside the specified days or hours for the following purposes:

- i. Where work is required to be planned to be carried out at low-traffic times, for example, excavation across busy roads, or cable installation;
- ii. Delivery of large equipment;

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- iii. Emergencies;
- iv. Securing of the site or removing a traffic hazard;
- v. Cable jointing in self-contained enclosures; and
- vi. Where the distance between the work and the nearest residence is 100 metres or more and all other conditions are met.

Construction and maintenance noise

13. Subject to condition 14, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise along the underground cable route does not exceed the limits in NZS6803:1999 Acoustics—Construction Noise at locations set out in section 6.2 of that standard.

14. The noise limits shall not apply to emergency work required to re-establish continuity of electricity, communications or water supply, work urgently required to prevent loss of life or other personal injury, or commissioning works; but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night time).

15. Prior to any significant construction work taking place, a noise management plan shall be prepared with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999; and the works shall be undertaken in accordance with that noise management plan (other than emergency works).

16. The noise management plan required by condition 15 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Advice note:

1. The noise management plan required by condition 15 can be incorporated into, and be part of the construction management plan required by condition 10.

Vibration

17. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Traffic / Roading

18. Transpower shall prepare a Traffic Management Plan (TMP) which is generally consistent with NZTA's Code of Practice for Temporary Traffic Management (COPTTM).

19. The TMP shall be submitted to the Council's Consents Manager for approval at least 20 working days prior to commencement of underground cable construction after consultation with:

- a. The Council;
- b. The following key stakeholders:
 - i. Emergency services (including police);
 - ii. Bus operators;
 - iii. Schools; and
 - iv. Housing New Zealand Corporation; and
- c. Any additional key stakeholders identified by council.

20. The Council shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

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21. The TMP prepared by Transpower shall recognise that the paramount purpose of roads is the free passage of the public and its vehicles.

22. The TMP prepared by Transpower shall address and provide details of proposed works and/or mitigation measures relating to the following matters:

- a. The likely routes for heavy construction-related traffic;
- b. Details of any necessary road closures, diversions, or deviations which are likely to be required during construction activities, including the likely date, time and duration of such actions. As far as practicable, any necessary temporary road closures should be effected during off-peak periods;
- c. Where diversions or deviations are required, information and recommendations shall be provided by a suitably qualified and experienced traffic engineer of the traffic volumes and capacities of alternative routes, and the likely consequent effects in terms of safety and convenience. The traffic engineer shall ensure that recommended alternative routes are reasonably convenient and capable of safely accommodating diverted or deviated traffic. Transpower shall act on the recommendations of the traffic engineer in relation to alternative routes. Where traffic modelling related to specific intersections is required, the results of the modelling shall be included (see condition 23);
- d. Details of the signage intended to advise motorists, residents, stakeholders, and other road users of any road closures, diversions and delays, including examples of signage for diversion routes. Such signage shall be sufficiently clear to enable easy understanding by the general public, and installed at appropriate locations at least seven days in advance of such road closures, diversions and delays. Such signage shall include the use of trailer-mounted electronic signs near the most affected roads;
- e. Details of methods of proposed information dissemination regarding construction activities and associated traffic effects. These details shall include information regarding likely timing and duration of works, alternative routes, access to properties, and any alterations to public transport services. Methods of information dissemination shall include, but not be limited to, public notices in newspapers, radio announcements, signage, information packages, and direct contact with affected properties along those routes;
- f. Inclusion of a communications plan setting out the method of consultation and liaison with key stakeholders and affected parties regarding likely timing and duration of works, alternative routes, access to properties and any alterations to public transport services;
- g. Details of prior consultation or community liaison undertaken with affected residents, key stakeholders, schools, public transport providers, emergency services or representative groups regarding proposed road closures, diversions and delays, and any measures agreed with such groups to address any adverse effects or inconvenience that may arise;
- h. Details of any measures for the purposes of mitigating adverse traffic effects of construction traffic, including safety matters, relating to cyclists, pedestrians, mobility impaired persons, and school children;
- i. Where the cable is proposed to be installed across major intersections and/or arterial roads carrying higher traffic volumes (such as Ti Rakau Drive, Te Irirangi Drive, Chapel Road, Springs Road, East Tamaki Road), three months prior to the commencement of construction an assessment shall be carried out by a suitably qualified and experienced traffic engineer of:
 - i. The traffic volumes using such intersections or roads;
 - ii. The likely levels of delays and disruptions which may be experienced as a result of cable construction; and
 - iii. Identification of locations where such installation works must be carried out in the most timely manner practicable (including where reasonably practicable, the use of alternative methods of installation other than trenching), so as to minimise delays or inconvenience to road users; and
- j. Following consultation with public transport providers, details of proposed alternative temporary changes to public transport services during the construction period including but not limited to any route diversions, timetable adjustments, temporary bus stops, and methods of communicating such matters to public transport users.

23. Transpower shall carry out traffic modelling at the intersections of Chapel Road/Maghera Drive/Armoy Drive and Haven Drive, and the crossings of Te Irirangi and Ti Rakau to assess the impact of the construction works on intersection capacity prior to completing the Construction Management Plan (CMP) and the Traffic

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Management Plan as required by condition 18, and incorporate any necessary specific provisions in the CMP.

Advice note:

1. The traffic management plan required by condition 18 can be incorporated into, and be part of the construction management plan required by condition 10.

Continuation of Access

24. Transpower shall at all times ensure that access to any property temporarily severed by construction is maintained at a level that will enable, as far as practicable, normal operations on the property to continue.

Parking

25. Following consultation with residents, businesses and other directly affected persons, Transpower shall ensure that adequate temporary alternative car parking is provided for residents, businesses and other directly affected persons along or adjacent to the cable route, in the event that construction activity prevents or hinders usual parking. Such arrangements are to be made and advised to affected parties at least five working days prior to the commencement of the work that causes the effect.

Remediation of Property, Roads and Footpaths

26. Other than as provided in conditions 27 and 28, Transpower shall:

- a. Within 10 working days of completion of construction on any land, reinstate any private or public land and property (excluding works in road reserves) as far as practicable to its pre-existing state. Such remediation shall include fences, gardens (excluding trees and grass) and other surface equipment or materials; and
- b. As soon as practicable after the completion of construction re-grass areas that were previously grassed.

27. Prior to commencing construction, Transpower shall undertake a carriageway condition survey of the road network along the designated route, and shall invite appropriate representatives of the Council to attend. The condition survey shall consist of a photographic or video record of the carriageway along the designated route. A copy of the record will be retained and provided to the Council upon request.

28. As soon as practicable after the completion of construction, Transpower shall repair any damage to public carriageways and footpaths (and associated road components) resulting from the impacts of construction. Such repair may involve short-term maintenance to allow for settling and consolidation of carriageways prior to final repair.

Sandstone / Caldwell's Road Intersection Sight Line Protection

29. Transpower shall construct and install the cable in the vicinity of the Sandstone / Caldwell's Road intersection in general accordance with Map 13 of Appendix V, in order to maintain the sight lines for any intersection installed in accordance with Map 14 of Appendix V.

30. Transpower shall ensure that the cable is placed in the Sandstone/Caldwell's Road intersection in general accordance with Map 6 or 7 of Appendix V to a minimum depth of 1500 mm from the surface levels shown on Map 13 of Appendix V.

Brownhill Road Upgrade

31. After installation of the cables, Transpower shall after consultation with Manukau City Council upgrade the surface of Brownhill Road to the entrance to the substation site to meet Manukau City Council's minimum design standards for rural roads as defined in their Engineering Quality Standard R16–Rural Roading "Minimum Standard".

Road widening of Whitford Park Road

32. Transpower shall ensure that the cable is placed in Whitford Park Road at such depth as will not compromise the Council's plans to widen the road and alter its vertical alignment as shown on Maps 15–23

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of Appendix V.

Attachments

Maps from Appendix V of the Board of Inquiry Decision

INDEX OF MAPS AND PLANS REFERRED TO IN PROPOSED DESIGNATION CONDITIONS

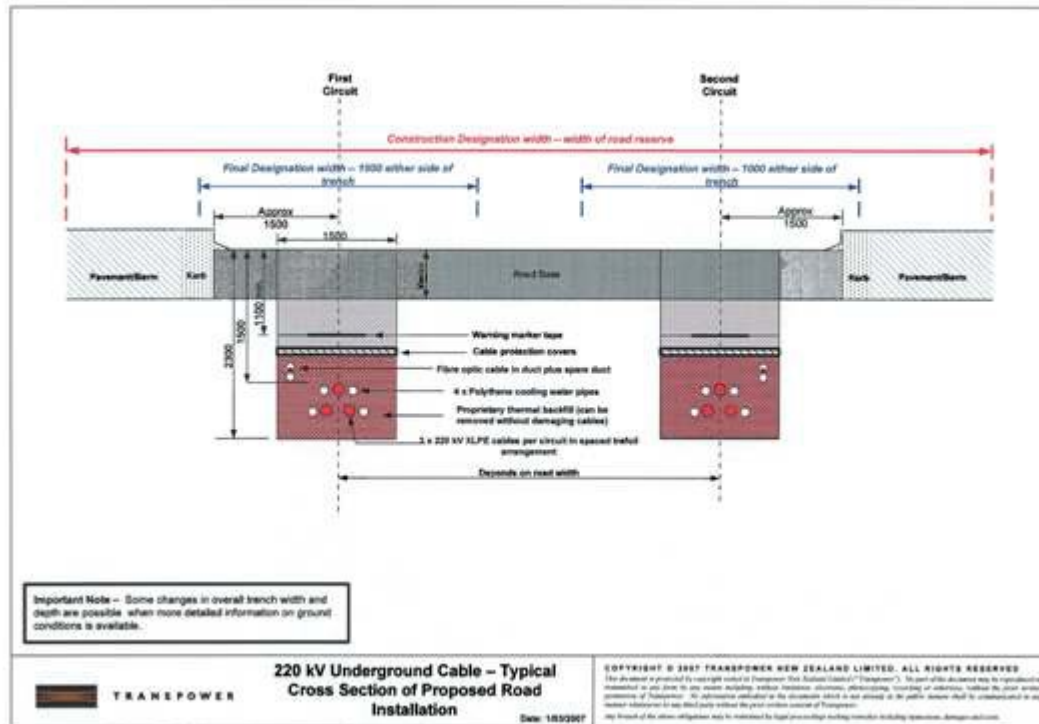
SET 4

MAP	PLAN DESCRIPTION	PAGE
UNDERGROUND CABLE ROUTE: MANUKAU CITY COUNCIL - CONSTRUCTION MANAGEMENT PLAN CONDITIONS		
Map 6	220kV Underground Cable - Typical Cross Section of Proposed Road Installation	6
Map 7	220kV Underground Cable - Typical Cross Section of Open Ground Installation	7

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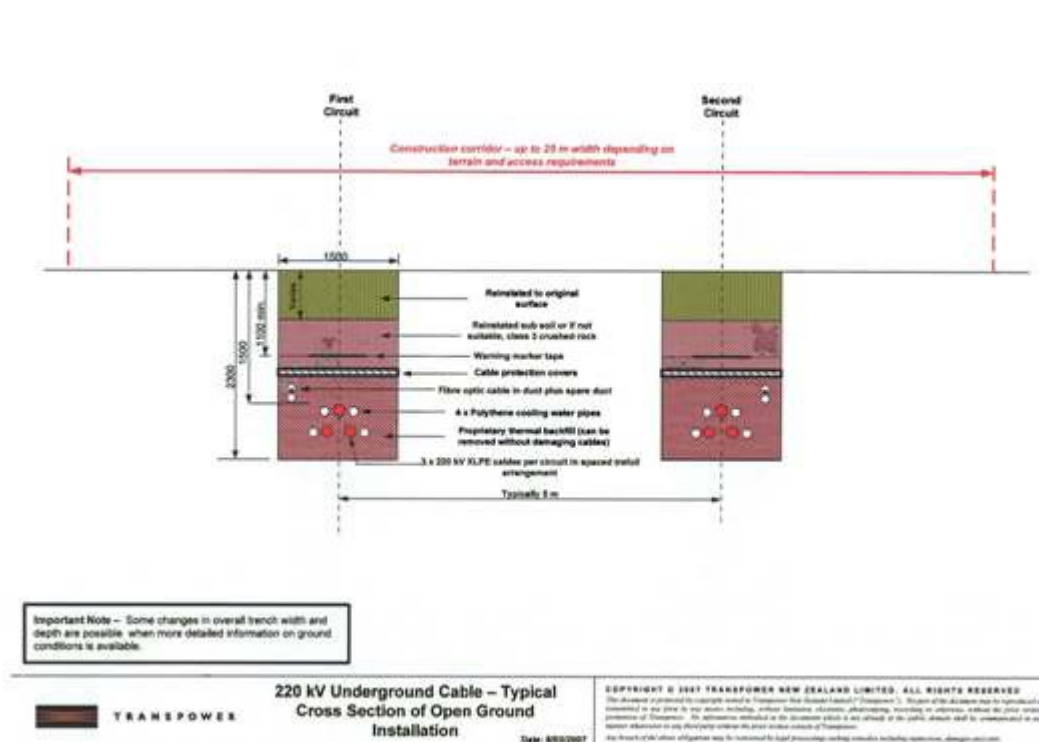
MAP 6

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MAP 7

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INDEX OF MAPS AND PLANS REFERRED TO IN PROPOSED DESIGNATION CONDITIONS

SET 5

MAP	PLAN DESCRIPTION	PAGE
PAKURANGA TO BROWNHILL UNDERGROUND CABLE ROUTE CONDITIONS		
Map 8	Brownhill to Pakuranga Parcel Ownership Index Map, 4 June 2008	8
Map 9	Brownhill to Pakuranga Parcel Ownership Map 1 of 4, 4 June 2008	9
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Map 13	Sandstone Rd - Caldwells Rd Cable Route Intersection, Drg No. 60019119-SK01, Rev 0	13
Map 14	North Island Grid Upgrade Project, Brownhill to Pakuranga Cable Route, Sandstone Road - Caldwells Road Intersection, Sheet 3 of 4 (contour), Feb 2008, Drg No. 60019119-R 933, Rev A	14
Map 15	Plan and Long Section Chainage - Aerial Photo Overlay Feature Identifier: 1/1027/368; Code: 3124; Sheet 200A	15
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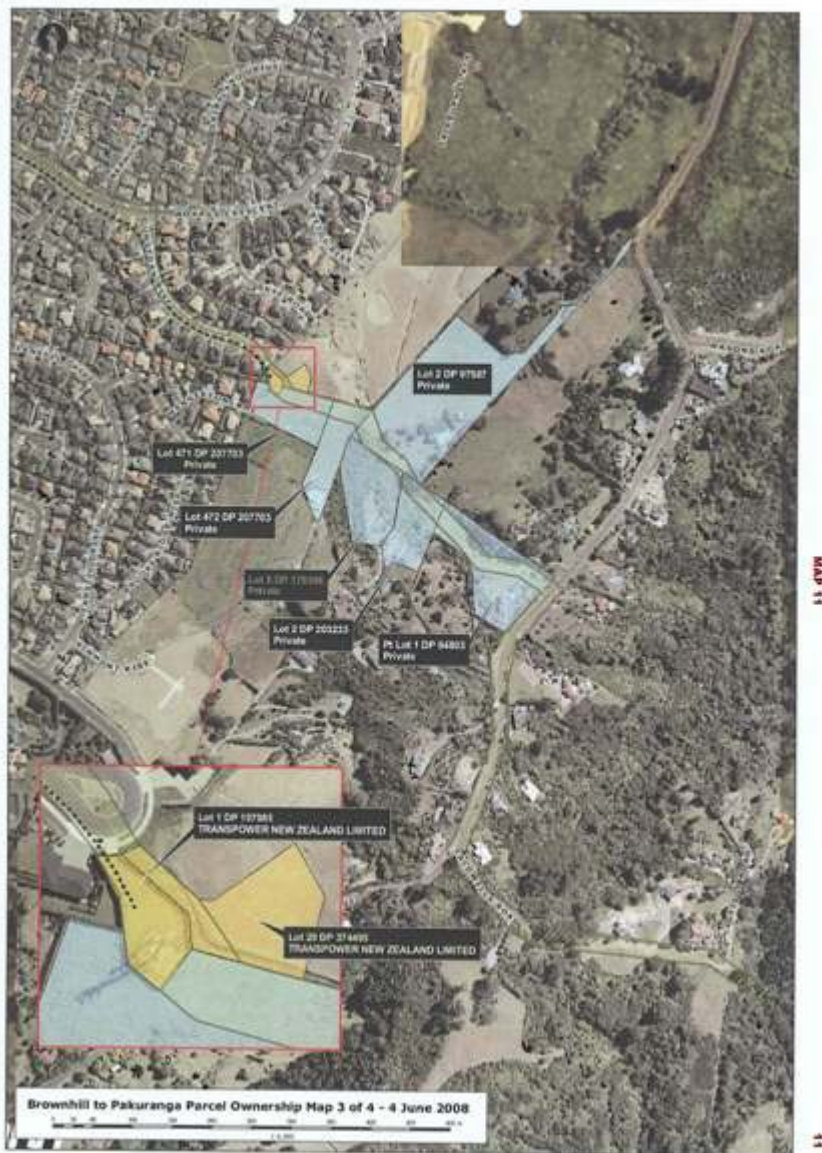
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MAP 10

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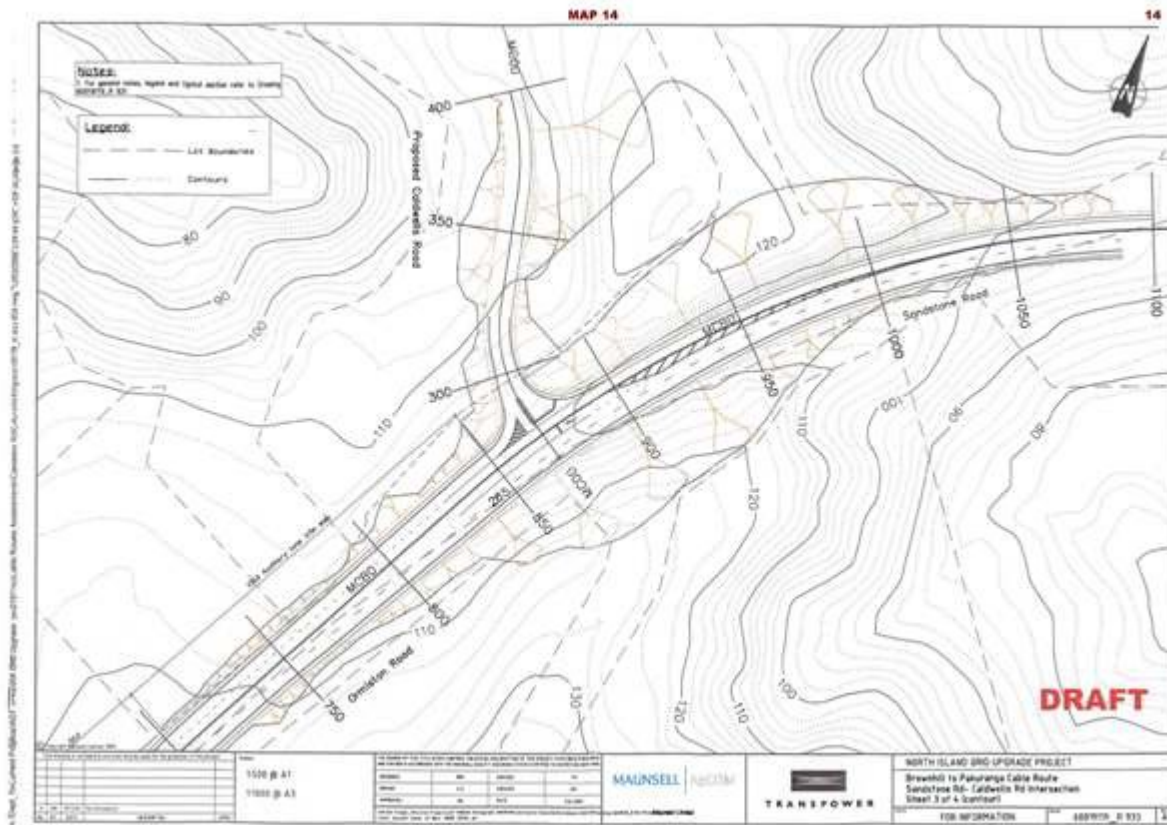


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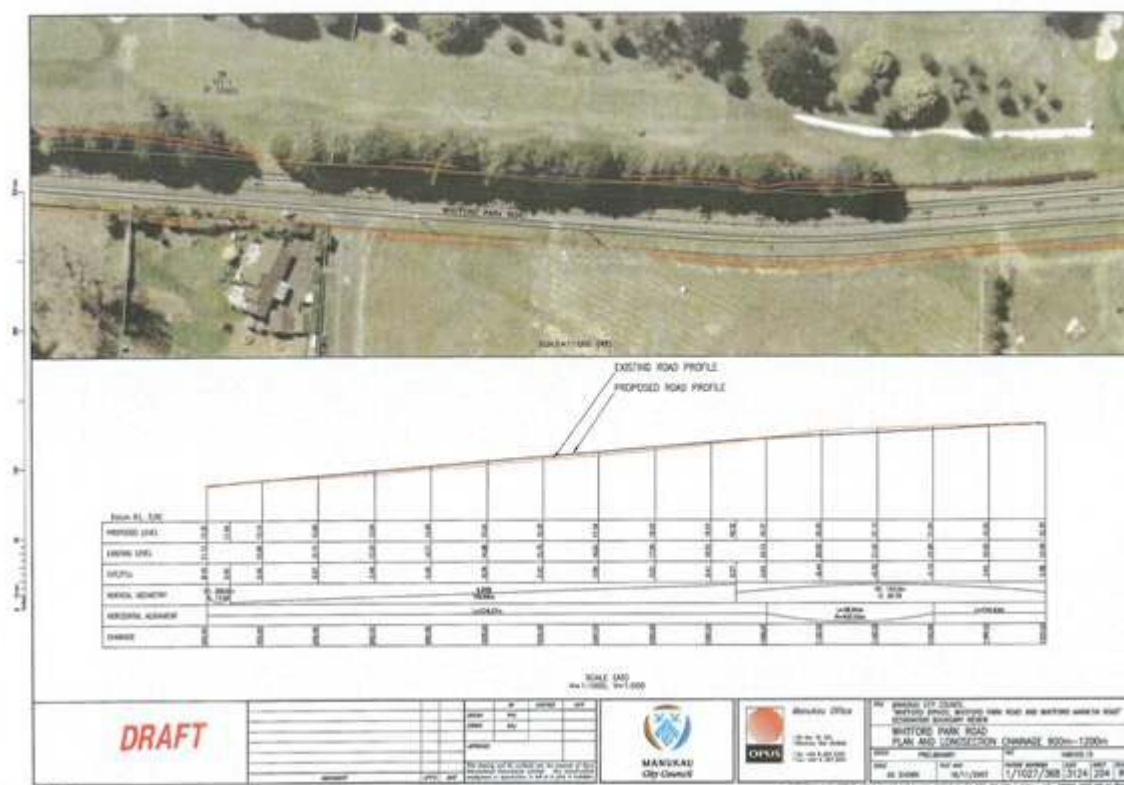
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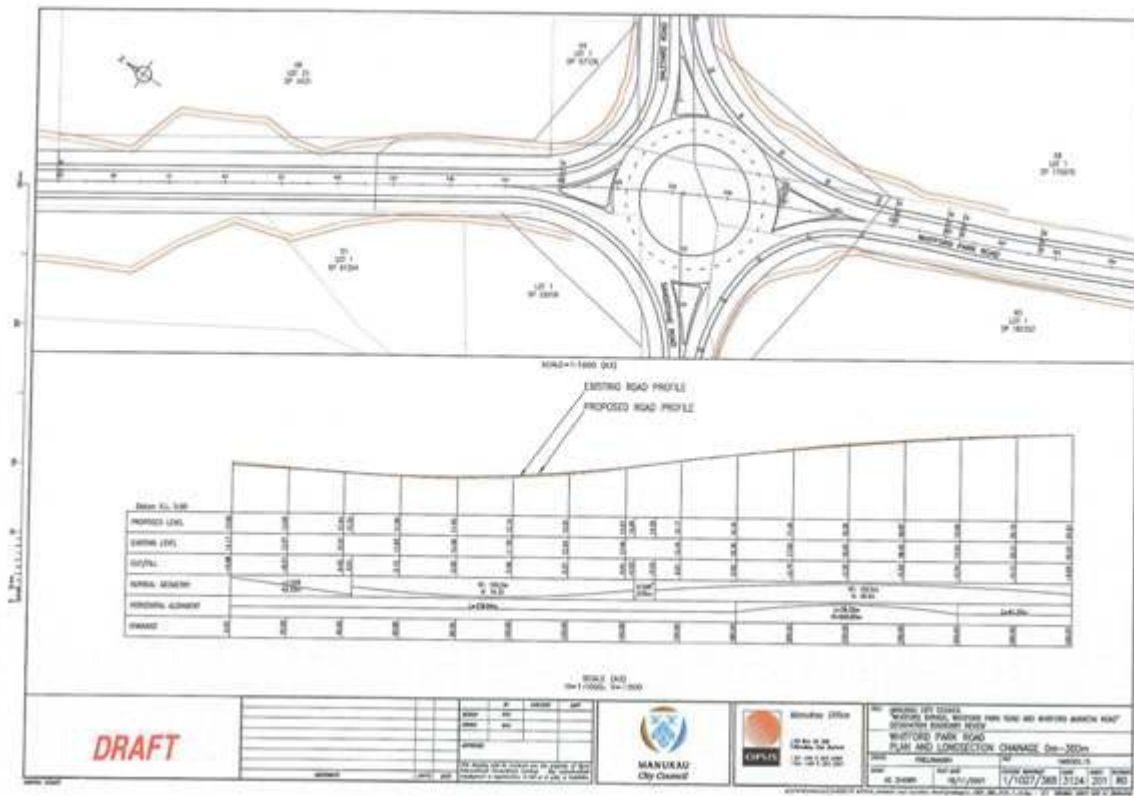
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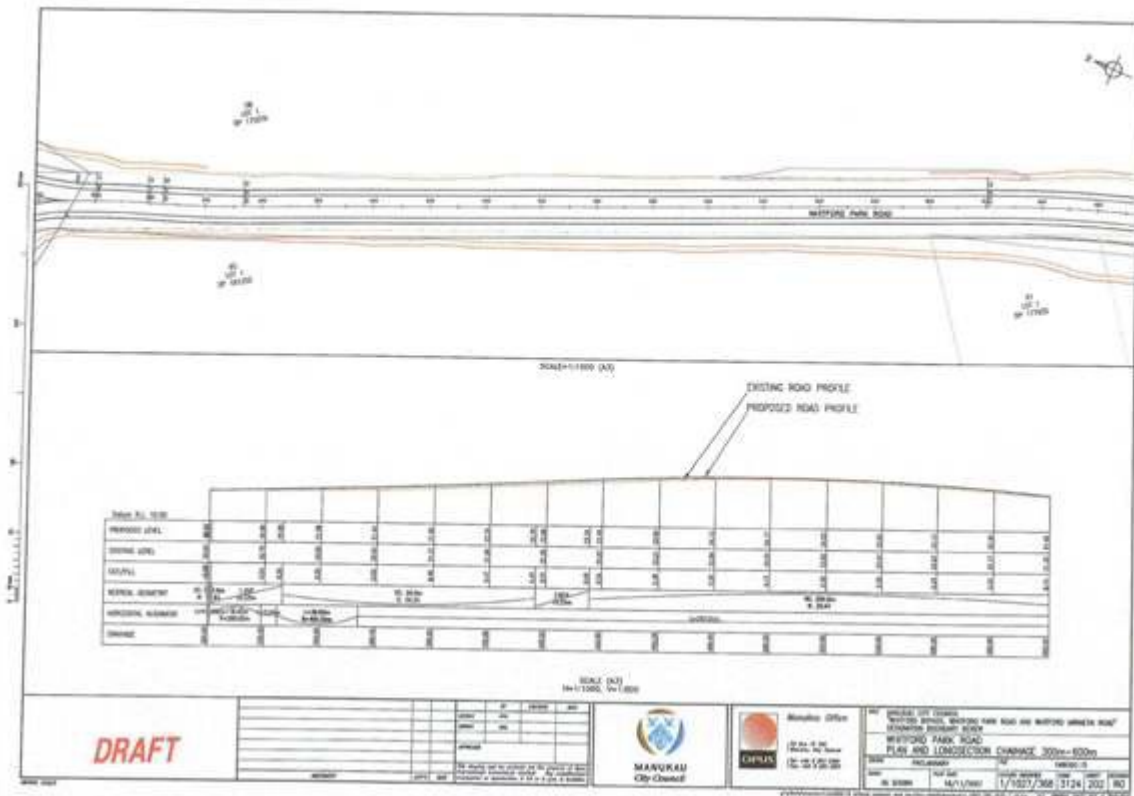
MAP 20

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MAP 21

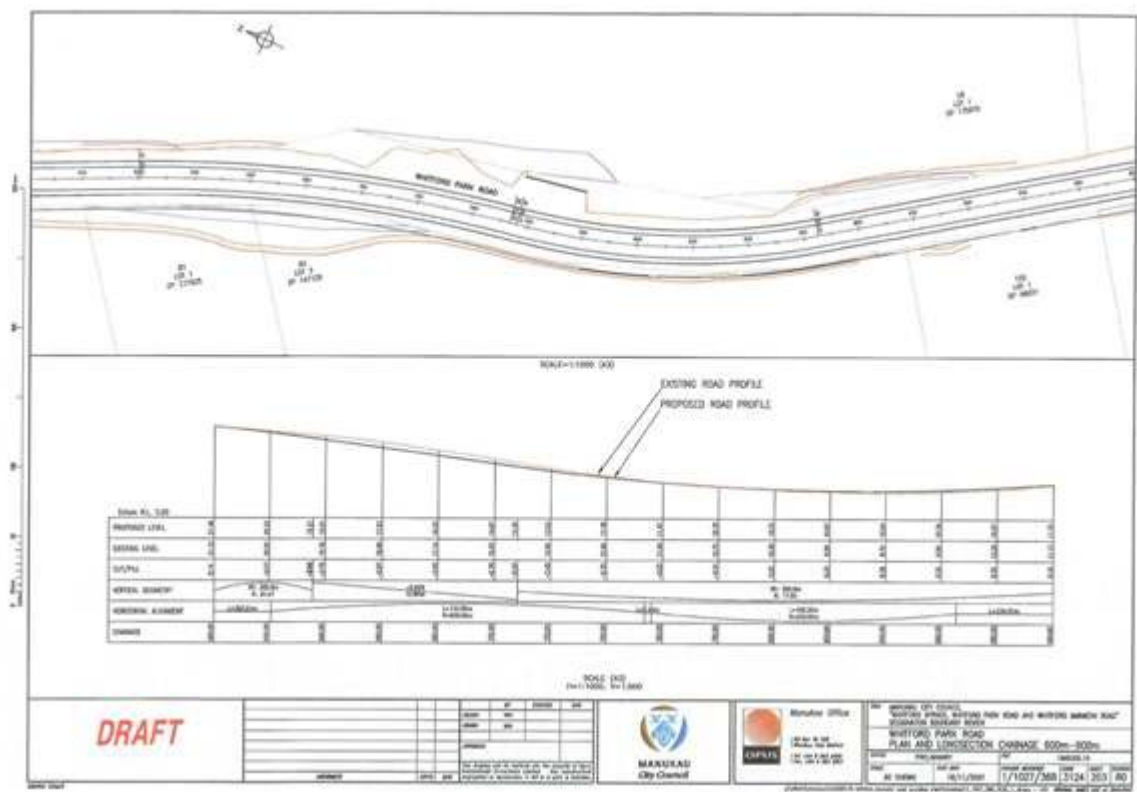
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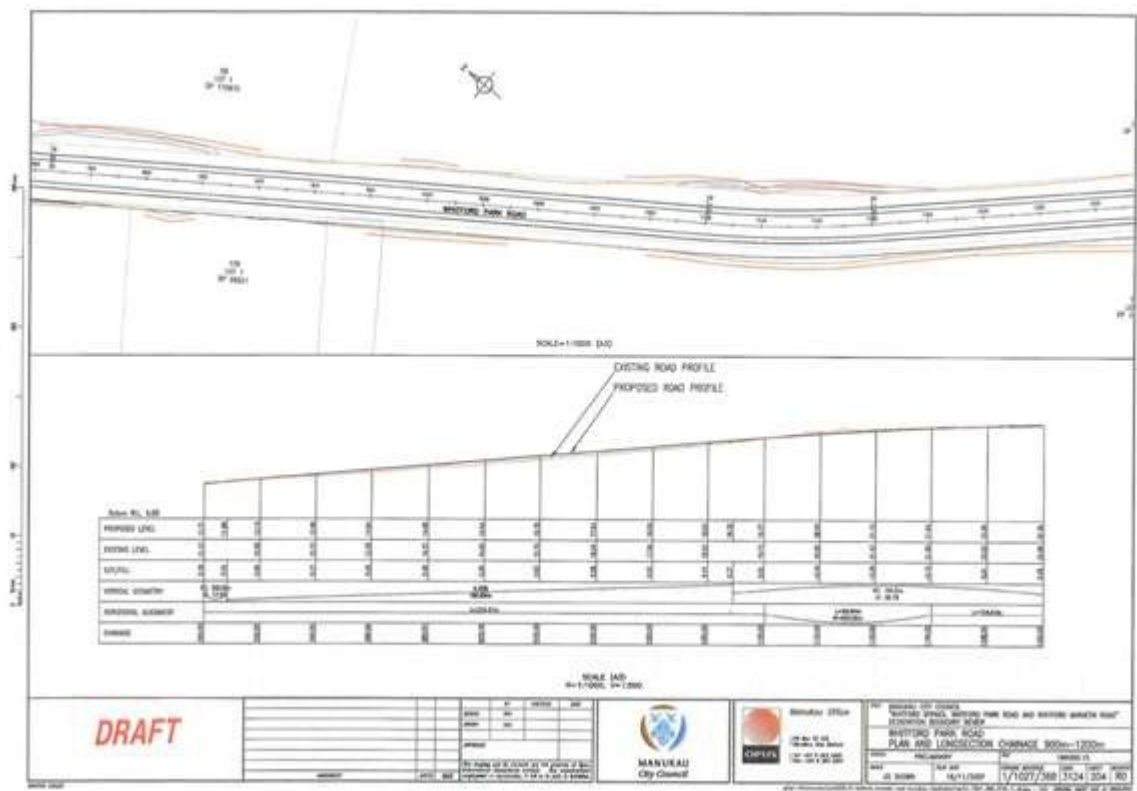
MAP 22

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MAP 23

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Schedule of Legal Descriptions

Parcel ID/Appellation

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Sec 1 SO 68292	5260679
Pt Lot 12 DP 169911	5260590
5219998	5260581
Lot 2 DP 189283	5261354
Lot 1 DP 312445 DP 316651 (Unit Titles)	5260593
Lot 182 DP 180655	5263074
Lot 182 DP 180654	5260594
5260962	5263077
Lot 3 DP 192219	5263075
5261289	6603043
5261291	Lot 1 DP 197985
5264569	Lot 29 DP 374495
5264087	Lot 471 DP 207703
5264572	Lot 472 DP 207703
6720378	Lot 2 DP 97587
5260907	Lot 6 DP 179398
5260911	Lot 2 DP 203233
5260678	Pt Lot 1 DP 64803
5260676	5252243
5260681	5237375
5260683	5215085
5260687	5247732
5261005	5222800
5233051	5252256
5251023	5226902
5236295	5257232
5260181	5227265
5236298	Allot 269 Parish of Pakuranga
5260292	5215085
5248198	5260198
5236292	5220420
5260304	5259600
5260397	5237201
Lot 1001 DP 192648	5217143
5260832	5258742
5260575	5217143
Lot 1 DP 209513	Lot 3 DP 147128
Lot 1 DP 175870	Lot 1 DP 177925

8517 Brownhill Road to Otahuhu Underground Electricity Transmission Cables

Designation Number	8517
Requiring Authority	Transpower New Zealand Ltd

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Location	143 Brownhill Road, Whitford to 26-28 Kaitawa Street, Otara
Rollover Designation	Yes
Legacy Reference	Designation 301, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - the construction, operation and maintenance of a double-circuit underground 220kV cable as part of the upper North Island Grid Upgrade Project, to convey electricity between the Otahuhu Substation and the substation site at Brownhill Road, and ancillary activities.

The nature of the work is described more particularly in Part VII (excluding section 12 in relation to suggested conditions), and also in Parts II and X of the Notices of Requirement Documentation (dated April 2007).

Conditions

Documents

1. The initial works to give effect to the designation of the Brownhill to Otahuhu underground cable shall be generally in accordance with Maps 24–30 of Appendix V.

Cultural / spiritual

2. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
- Works in the immediate vicinity of the site that has been exposed shall cease;
 - The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Council and, in the case of human remains, the New Zealand Police; and
 - The notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Magnetic Fields (MF)

3. The works shall be designed and constructed to limit the magnetic field exposure to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time varying electric, magnetic and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 100 µT for magnetic flux density when measured at one metre above ground level directly above any cable under normal operating conditions (ie, when there are no faults in the transmission system).

4. In order to reduce long-term public exposure to MFs, no habitable buildings shall be constructed within the designated corridor for the underground cable.

Radio frequency interference

5. All works shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth potential rise / induced voltages

6. The works shall be designed and constructed to comply with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

7. The works shall be designed and constructed so as not to cause existing assets of other utilities to be

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noncompliant with AS/NZS 4852:2012 Electrical Hazard on Metallic Pipelines.

Existing utilities

8. Transpower shall liaise with all relevant utility operators during the detailed design and subsequent construction

processes prior to undertaking any work pursuant to this designation and shall ensure that:

- a. it is aware of the location of all utility services existing at the time of construction in or adjacent to the designation; if necessary, exploratory excavation shall be undertaken;
- b. to the greatest extent practicable, all utility services existing at 28 May 2007 (being the date the Notice of Requirement was lodged) located in or adjacent to the designation are protected from any activity associated with the Upper North Island Grid Upgrade Project which may interfere with the proper functioning of the services;
- c. if it is not practicable to avoid a reduction in the level of service in accordance with (b) above, or if services are otherwise damaged, all utility services existing at 28 May 2007 located in or adjacent to the designation are repaired or relocated at Transpower's expense, to the reasonable satisfaction of the affected utility operator; and
- d. reasonable access to existing utility services located in or adjacent to the designation are able to be accessed during construction.

9. Nothing in condition 8(c) requires Transpower to:

- a. provide compensation to any affected utility operator for indirect costs, such as for delays and inconvenience caused; and
- b. put the owner of the utility services in a better position than if the Upper North Island Grid Upgrade Project had not been proposed or installed.

Archaeology: known sites R11/2333 and R11/2384

10. Before any works are carried out associated with the Upper North Island Grid Upgrade Project, Transpower shall make any minor adjustments to the location of the cable trench within the corridor to ensure that the sites R11/2333 and R11/2384 are not damaged by construction of the cable trench.

Advice note:

This condition is subject to any conditions of any archaeological authority granted under the Historic Places Act 1993.

Construction Management Plan (CMP)

11. At least 30 working days prior to commencing any construction activity along the designated underground cable route, Transpower shall submit a Construction Management Plan (CMP) to the Council for approval. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or Transpower's intended approach to:

- a. The proposed construction methodology;
- b. Storage and reuse of top soil, including stockpiling areas;
- c. On-site and off-site disposal of spoil;
- d. Silt and dust control, during earthwork stages;
- e. Groundwater and stormwater management, treatment and disposal;
- f. Traffic/property access management;
- g. Contaminated land management procedures;
- h. Construction hours;
- i. Existing network utilities protocols and guidelines;
- j. Access and utilities management;
- k. Subject to other specific conditions, cultural protocols and archaeological requirements;
- l. Land stability management and water quality and sediment controls;
- m. Vegetation disturbance/removal and replacement;
- n. Management of construction activities;
- o. Contractor training, including health and safety;

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- p) The intended construction programme, including staging if appropriate;
- q. Management of construction noise;
- r. Community information and liaison;
- s. Temporary activities and equipment storage in specified areas;
- t. Contractor car parking in specified areas;
- u. Security and lighting during construction; and
- v. Situations where the proposed cable depth could differ from the 1500 mm shown on Map 6 or 7 of Appendix V, including likely reasons for differing depth and means of resolving any issues arising from that depth.

12. In preparing the CMP in accordance with condition 11, the following minimum requirements shall be met:

- a. Quality soil shall be reused, where appropriate, and suitable stockpiling areas shall be identified;
- b. Spoil which is not reused in construction shall be disposed of at appropriate facilities;
- c. Dust on-site shall be minimised to ensure that there is no dust nuisance off-site as a result of the works. Such minimisation could include spraying with water or covering of areas;
- d. Clean stormwater shall be directed away from bare or earthworked areas and sediment laden runoff shall be properly controlled and managed to minimise any discharge of sediments into watercourses;
- e. As far as practicable, disturbance to riparian areas and stream banks and beds shall be minimised during construction;
- f. Measures for testing and removing any contaminated land along the route shall be developed;
- g. Liaison with existing utility providers with underground services within the designated route shall be undertaken;
- h. Adequate measures shall be implemented so as to avoid land slope failure;
- i. When construction is taking place within the dripline of any tree over two metres in height to be retained on a public road or other public or private land, a qualified arborist shall be engaged to advise on the best method of root pruning and for continuing long-term avoidance of root interference with the cable;
- j. Site contractors shall have available at all working times, at an accessible place along the cable route, copies of all designation and consent conditions, the approved Construction Management Plan and the Draft Protocols entitled Transpower Grid Upgrade Project Protocol for Dealing with Kōiwi or Taonga Unearthed During Construction and the Discovery of Sites of Significance, Wāhi Tapu, Heritage Sites and Archaeological Sites (or updated document). Transpower shall ensure that the contractors understand the designation conditions and consent conditions;
- k. Transpower shall notify the Council in writing at least 10 working days before commencing works (including a separate notification for works commencing in Turanga Creek, Mangemangeroa Stream and Otara Creek), and shall notify the Councils that works have been completed within 10 working days following completion of the works;
- l. Parties adjacent to the route shall be notified prior to commencement of works and shall be regularly updated;
- m. Temporary activities, such as equipment storage shall be undertaken in suitably located areas (ie, not within 20 metres of a watercourse);
- n. Contractor car parking shall be suitably located, so as to not prevent property access; and
- o. Work sites shall be secure and illuminated to restrict access as appropriate.

13. In preparing the CMP in accordance with condition 11, Housing New Zealand Corporation shall be consulted.

Advice note:

Where the CMP requires Transpower to give notice to the Council, that notice can be given progressively, as stages of the work are complete.

Construction hours

14. Construction hours shall be as follows:

- a. Monday to Friday: 7 am to 6 pm;
- b. Saturday: 8 am to 1 pm; and

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c. Sundays and public holidays: No work.

Except where work is necessary outside the specified days or hours for the following purposes:

- i. Where work is required to be planned to be carried out at low-traffic times, for example, excavation across busy roads, or cable installation;
- ii. Delivery of large equipment;
- iii. Emergencies;
- iv. Securing of the site or removing a traffic hazard;
- v. Cable jointing in self-contained enclosures; or
- vi. Where the distance between the work and the nearest residence is 100 metres or more and all other conditions are met.

Construction and maintenance noise

15. Subject to condition 16, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise along the underground cable route does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.

16. The noise limits shall not apply to emergency work required to re-establish continuity of electricity, communications or water supply, work urgently required to prevent loss of life or other personal injury, or commissioning works, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects particularly at times when the stricter noise limits apply (eg, at night time).

17. Prior to any significant construction work taking place, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999, and the works shall be undertaken in accordance with that noise management plan (other than emergency works).

18. The noise management plan required by condition 17 shall be submitted to the Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Advice note:

The noise management plan required by condition 17 can be incorporated into, and be part of the construction management plan required by condition 11.

Vibration

19. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Traffic / roading

20. Transpower shall prepare a Traffic Management Plan (TMP) which is generally consistent with NZTA's Code of Practice for Temporary Traffic Management (COPTTM).

21. The TMP shall be submitted to the Council's Consents Manager for approval at least 20 working days prior to commencement of underground cable construction after consultation with:

- a. The Council;
- b. The following key stakeholders:
 - i. Emergency services (including police);
 - ii. Bus operators;
 - iii. Schools;

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iv. Housing New Zealand Corporation;

c. Any additional key stakeholders identified by the Council.

22. The council shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

23. The TMP prepared by Transpower shall recognise that the paramount purpose of roads is the free passage of the public and its vehicles.

24. The TMP prepared by Transpower shall address and provide details of proposed works and/or mitigation measures relating to the following matters:

a. The likely routes for heavy construction-related traffic;

b. Details of any necessary road closures, diversions, or deviations which are likely to be required during construction activities, including the likely date, time and duration of such actions. As far as practicable, any necessary temporary road closures should be effected during off-peak periods;

c. Where diversions or deviations are required, information and recommendations shall be provided by a suitably qualified and experienced traffic engineer of the traffic volumes and capacities of alternative routes, and the likely consequent effects in terms of safety and convenience. The traffic engineer shall ensure that recommended alternative routes are reasonably convenient and capable of safely accommodating diverted or deviated traffic.

Transpower shall act on the recommendations of the traffic engineer in relation to alternative routes. Where traffic modelling related to specific intersections is required, the results of the modelling shall be included (see conditions 25 to 27);

d. Details of the signage intended to advise motorists, residents, stakeholders, and other road users of any road closures, diversions and delays, including examples of signage for diversion routes. Such signage shall be sufficiently clear to enable easy understanding by the general public, and installed at appropriate locations at least seven days in advance of such road closures, diversions and delays. Such signage shall include the use of trailer-mounted electronic signs near the most affected roads;

e. Details of methods of proposed information dissemination regarding construction activities and associated traffic effects. These details shall include information regarding likely timing and duration of works, alternative routes, access to properties, and any alterations to public transport services. Methods of information dissemination shall include, but not be limited to, public notices in newspapers, radio announcements, signage, information packages, and direct contact with affected properties along those routes;

f. Inclusion of a communications plan setting out the method of consultation and liaison with key stakeholders and affected parties regarding likely timing and duration of works, alternative routes, access to properties and any alterations to public transport services;

g. Details of prior consultation or community liaison undertaken with affected residents, key stakeholders, schools, public transport providers, emergency services or representative groups regarding proposed road closures, diversions and delays, and any measures agreed with such groups to address any adverse effects or inconvenience that may arise;

h. Details of any measures for the purposes of mitigating adverse traffic effects of construction traffic, including safety matters, relating to cyclists, pedestrians, mobility impaired persons, and school children;

i. Where the cable is proposed to be installed across major intersections and/or arterial roads carrying higher traffic volumes (such as Ti Rakau Drive, Te Irirangi Drive, Chapel Road, Springs Road, East Tamaki Road), three months prior to the commencement of construction an assessment shall be carried out by a suitably qualified and experienced traffic engineer of:

i. The traffic volumes using such intersections or roads;

ii. The likely levels of delays and disruptions which may be experienced as a result of cable construction; and

iii. Identification of locations where such installation works must be carried out in the most timely manner practicable (including where reasonably practicable, the use of alternative methods of installation other than trenching), so as to minimise delays or inconvenience to road users;

j. Following consultation with public transport providers, details of proposed alternative temporary changes to public transport services during the construction period including but not limited to any route diversions,

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timetable adjustments, temporary bus stops, and methods of communicating such matters to public transport users.

25. Following consultation with the Boards and/or principals of Sir Edmund Hillary College and Sancta Maria College (and any schools subsequently established with accesses and/or egresses adjacent to the underground cable route), Transpower shall ensure, as far as practicable, that works avoid school terms so as to minimise disruption to normal school activities. Details of relevant periods shall be included in the TMP.

26. Following consultation with the New Zealand Fire Service, details shall be provided in the TMP of proposed alternative access to and egress from the fire station located at 341 East Tamaki Road.

27. Transpower shall carry out traffic modelling at the intersections of Johnstones Road/Springs Road/East Tamaki Road and Chapel Road/Accent Drive/Stancombe Road to assess the impact of the construction works on intersection capacity prior to completing the Construction Management Plan and the Traffic Management Plan as required by condition 20, and incorporate any necessary specific provisions in the CMP.

Advice note:

The traffic management plan required by condition 20 can be incorporated into, and be part of, the construction management plan required by condition 11.

Continuation of access

28. Transpower shall at all times ensure that access to any property temporarily severed by construction is maintained at a level that will enable, as far as practicable, normal operations on the property to continue.

Parking

29. Following consultation with residents, businesses and other directly affected persons, Transpower shall ensure that adequate temporary alternative car parking is provided for residents, businesses and other directly affected persons along or adjacent to the cable route, in the event that construction activity prevents or hinders usual parking. Such arrangements are to be made and advised to affected parties at least five working days prior to the commencement of the work that causes the effect.

Remediation of property, roads and footpaths

30. Other than as provided in conditions 31 and 32, Transpower shall:

- a. within 10 working days of completion of construction on any land, reinstate any private or public land and property (excluding works in road reserves) as far as practicable to its pre-existing state. Such remediation shall include fences, gardens (excluding trees and grass) and other surface equipment or materials; and
- b. as soon as practicable after the completion of construction, re-grass areas that were previously grassed.

31. Prior to commencing construction, Transpower shall undertake a carriageway condition survey of the road network along the designated route, and shall invite appropriate representatives of the Council to attend. The condition survey shall consist of a photographic or video record of the carriageway along the designated route. A copy of the record will be retained and provided to the council upon request.

32. As soon as practicable after the completion of construction, Transpower shall repair any damage to public carriageways and footpaths (and associated road components) resulting from the impacts of construction. Such repair may involve short-term maintenance to allow for settling and consolidation of carriageways prior to final repair.

Future roading

33. Cable installed in the vicinity of:

- a. The Redoubt Road extension between Regis Lane and Ormiston Road (as shown on maps 49-50, Manukau City Council Operative District Plan 2002; and

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b. The possible future road connection between the Scenic Drive and Brownhill Road (as shown on Map 31 of Appendix V); shall be buried to a depth that does not prevent construction of those roads due to the presence of the cables, in the locations shown on those plans, in the future.

Attachments

Maps from Appendix V of the Board of Inquiry

INDEX OF MAPS AND PLANS REFERRED TO IN PROPOSED DESIGNATION CONDITIONS

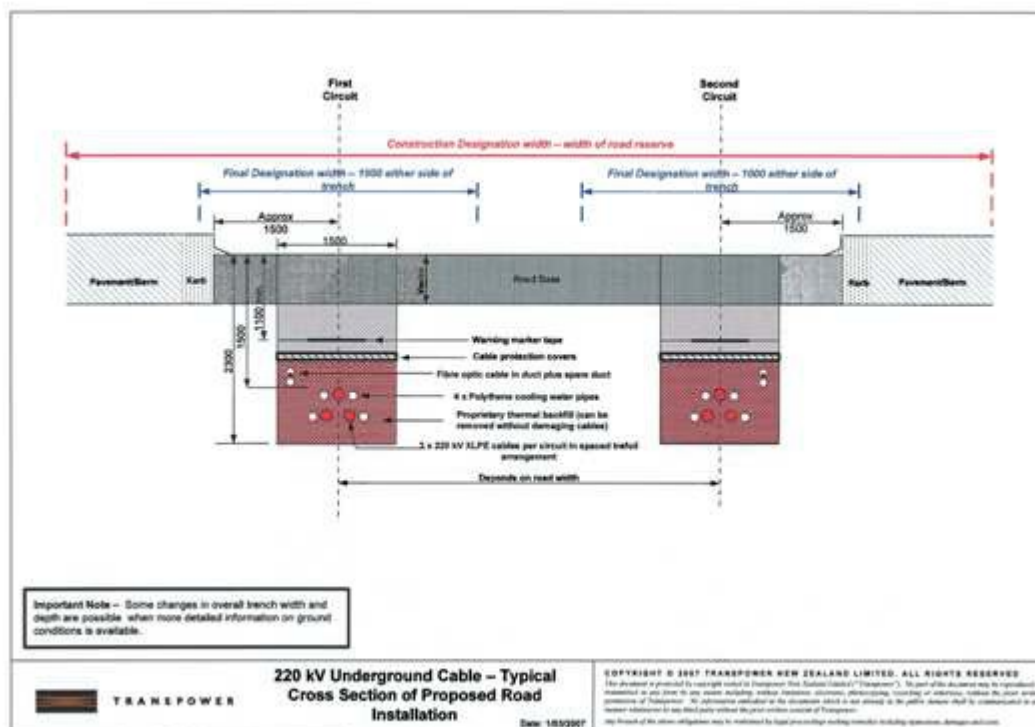
SET 4

MAP	PLAN DESCRIPTION	PAGE
UNDERGROUND CABLE ROUTE: MANUKAU CITY COUNCIL - CONSTRUCTION MANAGEMENT PLAN CONDITIONS		
Map 6	220kV Underground Cable - Typical Cross Section of Proposed Road Installation	6
Map 7	220kV Underground Cable - Typical Cross Section of Open Ground Installation	7

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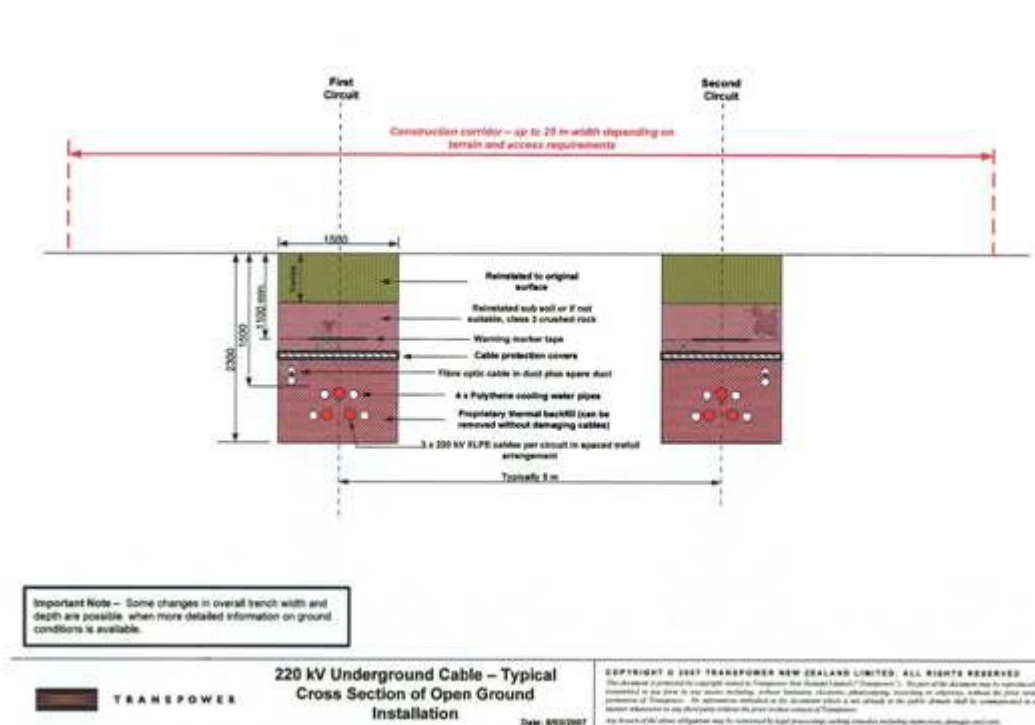
MAP 6

10



MAP 7

1



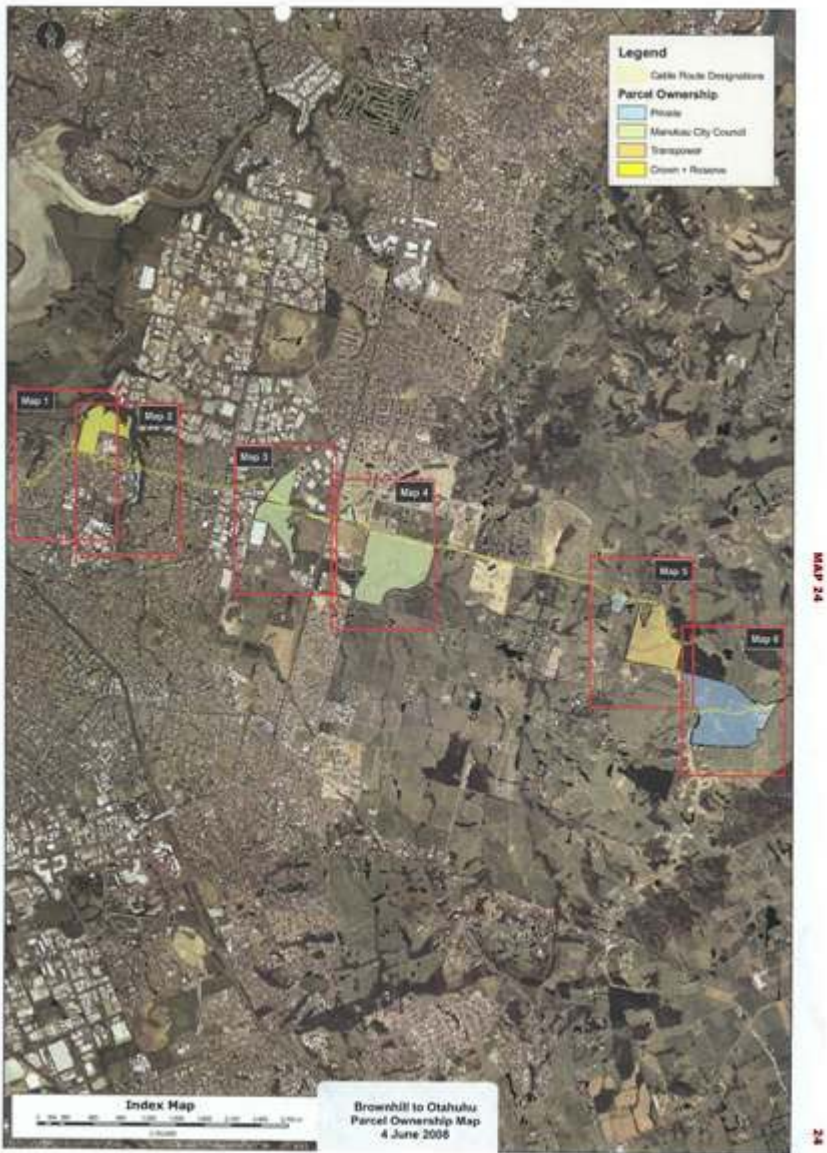
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INDEX OF MAPS AND PLANS REFERRED TO IN PROPOSED DESIGNATION CONDITIONS

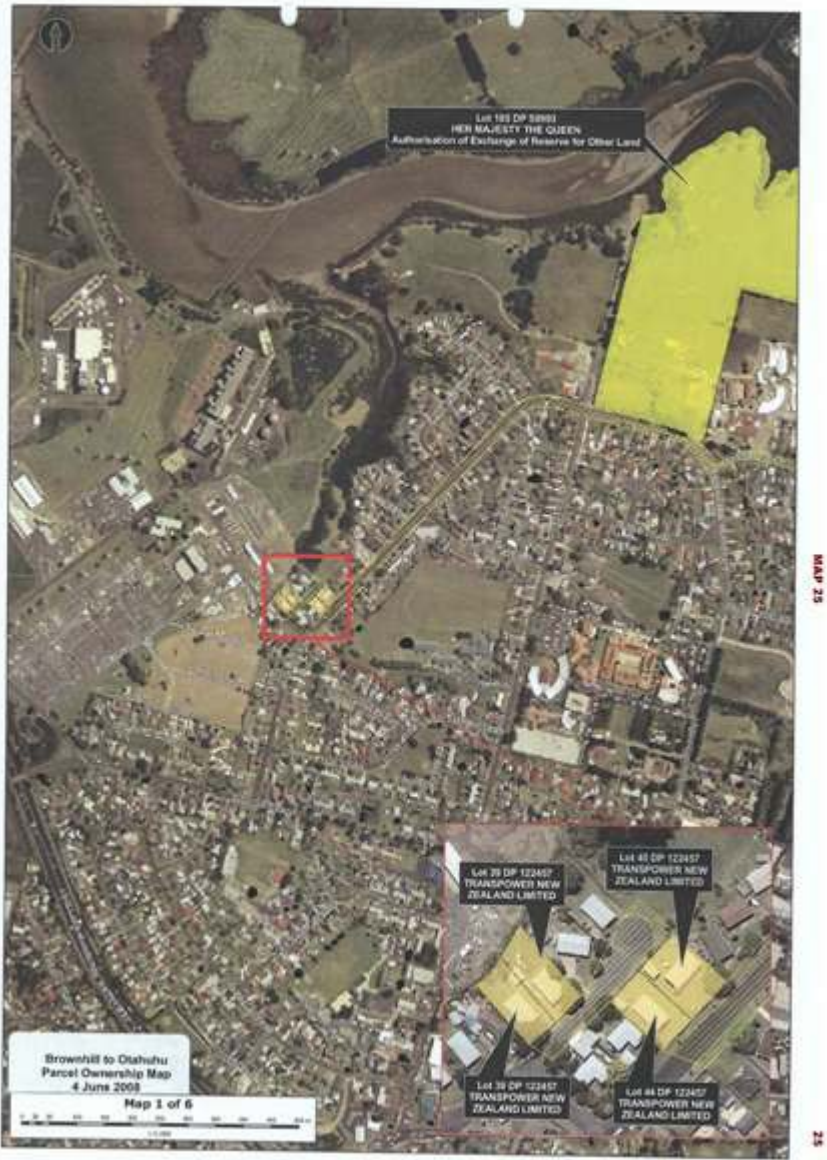
SET 6

MAP	PLAN DESCRIPTION	PAGE
BROWNHILL TO OTAHUHU UNDERGROUND CABLE ROUTE CONDITIONS		
Map 24	Brownhill to Otahuhu Parcel Ownership Index Map, 4 June 2008	24
Map 25	Brownhill to Otahuhu Parcel Ownership Map 1 of 6, 4 June 2008	25
Map 26	Brownhill to Otahuhu Parcel Ownership Map 2 of 6, 4 June 2008	26
Map 27	Brownhill to Otahuhu Parcel Ownership Map 3 of 6, 4 June 2008	27
Map 28	Brownhill to Otahuhu Parcel Ownership Map 4 of 6, 4 June 2008	28
Map 29	Brownhill to Otahuhu Parcel Ownership Map 5 of 6, 4 June 2008	29
Map 30	Brownhill to Otahuhu Parcel Ownership Map 6 of 6, 4 June 2008	30
Map 31	Kent Subdivision, Drainage & Water Supply Plan - 2, Manukau City Council, issued 07/08/06	31

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KENT SUBDIVISION
DRAINAGE & WATER SUPPLY PLAN - 2
MARIKUKU CITY COUNCIL

WOOD
 ENGINEERS

Scale: 1:10,000
 Date: 10/10/2010
 Project: Kent Subdivision
 Drawing: Drainage & Water Supply Plan - 2
 Author: [Name]
 Checker: [Name]
 Approver: [Name]

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Manukau Operative District Plan 2002

Amended by Update 12



Manukau Operative District Plan 2002



DOCUMENTATION FOR DISTRICT PLAN MAP 49

Amended by Update 11

Designations

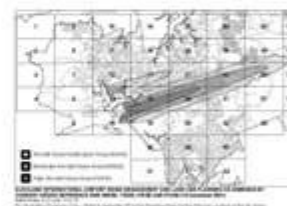
ID No.	Also on Map	Description of Designation	Underlying Zone	Requiring Authority
36		Road Widening - (See Diagram 2 in Appendix A4 of the Planning Maps) Varying widths	Flat Bush Countryside Transition	Manukau City Council
36		Watercare Services Ltd. Water Supply Purposes - Reservoir and associated structures	Public Open Space 2	Watercare Services Ltd
35, 36, 39, 40, 41, 50, 51, 52		Gas Transmission Purposes Footways - East Tāmaki Gas Pipeline	Various	Vector Gas Ltd
36		Jeffrey Road School for Year Levels 1-10 and Early Childhood Centre	Flat Bush Residential 2	Minister of Education
37, 38, 40, 57, 58		Roanui Substation to Pakuranga Substation Underground Electricity Cable	Various	Transpower
36	35, 36, 50	Roanui Substation to Otahuhu Substation Underground Electricity Cable	Various	Transpower

Proposed Road Widening

Also on Map	Road Name	Description of Affected Properties	Depth of Land Required for Road Widening Purposes
36, 40, 51	Murphy Road	West side - Lot 2 DP123377 to Lot 1 DP102540 inclusive East side - Lot 2 DP147043 to Lot 2 DP142110 inclusive	3.64m

Stormwater Management Areas

ID No.	Also on Map	Description of Affected Properties	Underlying Zone
36, 40, 41, 42, 50, 51		All Properties identified as Stormwater Management Area (coloured blue on relevant planning maps)	Refer to Rule 9.5.3.2



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Manukau Operative District Plan 2002

Amended by Update 14

30	40	50
40	50	60
50	60	70

Manukau Operative District Plan 2002



DOCUMENTATION FOR DISTRICT PLAN MAP 50

Amended by Update 11

Designations

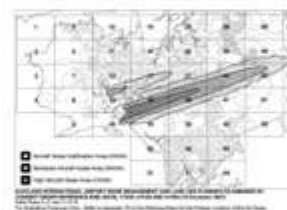
ID No.	Also on Map	Description of Designation	Underlying Zone	Requiring Authority
41, 42, 43, 44, 51, 52, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64		Airborne Aerodrome Protection Measures Properties shown on this Planning Map may be subject to controls outlined in Designation 224. Refer to Appendix B of the Planning Maps and Schedule 5A.	Various	Airborne Airport Ltd
35, 36, 39, 40, 41, 49, 51, 52		Gas Transmission Purpose Mokoro - East Taranaki Gas Pipeline	Various	Victrol Gas Ltd
58		Stormwater Substation	Whitford Rural A	Transpower
35, 39, 40		Stormwater Substation to Chelmsford Substation (Underground Electricity Cable)	Various	Transpower

Proposed Road Widening

Also on Map	Road Name	Description of Affected Properties	Depth of Land Required for Road Widening Purposes
40	Crosson Road	North side - Allotment 318 Parish of Pukekohe to Lot 8 DP53543 inclusive South side - Lot 1 DP153124 to Lot 8 DP54622 inclusive	4.54m
35, 40, 49	Murphy Road	West side - Lot 2 DP 123277 to Lot 1 DP163548 inclusive East side - Lot 2 DP547843 to Lot 2 DP54210 inclusive	3.84m

Stormwater Management Areas

ID No.	Also on Map	Description of Affected Properties	Underlying Zone
39, 40, 41, 49, 50, 51		All Properties identified as Stormwater Management Area (outlined Blue on relevant planning maps)	Refer to Rule 9.5.3.2



Schedule of Legal Descriptions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Parcel ID / Appellation	
Lot 38 DP 122457	5214767
Lot 39 DP 122457	5258386
5213395	Lot 1 DP 205294
Lot 44 DP 122457	5226343
Lot 45 DP 122457	Lot 26 DP 615
5220406	Lot 28 DP 317068
5229707	Sec 3 SO 70224
5234114	5212610
5234115	5218779
5242071	5263414
5245483	6755102
5247685	6868736
5253250	6868737
5211477	Sec 2 SO 70224
5253250	5263413
5243048	6576298
5209287	Lot 2 DP 348822
5217576	Lot 5 DP 348822
5235744	6755102
5245975	5247056
5259209	5237233
Lot 185 DP 50993	5218750
Allot 355 Parish of Pakuranga	Lot 1 DP 370733
5099005	5263064
5267324	5208695
Lot 279 DP 50344	5225858
5206109	5244805
5215068	Sec 1 SO 68877
5248339	Lot 1 DP 168092
5228620	5208692
5250436	5208693
5237621	5216198
5256686	5257455
5208934	5257462
5245707	5259600
5210416	7060314
Lot 500 DP 436444	Lot 2 DP 182255
Reclaimed Crown Foreshore Survey Office Plan 47238	Lot 3 DP 348822

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8518 Albany Substation

Designation Number	8518
Requiring Authority	Transpower New Zealand Ltd
Location	29 Bass Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 85, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - Albany electricity substation.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

2. Subject to condition 3, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).
4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on

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Structures.

Hazardous Substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Electric and Magnetic Fields (EMF)

8. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 μ T for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

9. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

10. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

12. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 135027	Lot 2 DP 135027
Lot 3 DP 135027	

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8519 North Shore Underground Electricity Transmission Cables

Designation Number	8519
Requiring Authority	Transpower New Zealand Ltd
Location	410 Albany Highway to State Highway 1 (Constellation Drive), Rosedale
Rollover Designation	Yes
Legacy Reference	Designation 179A, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - the installation, maintenance, repair, replacement, inspection and operation of two 220kV underground electricity transmission lines (two cable circuits comprising six single core cables) and associated telecommunication cables and the minor above ground structures associated therewith.

Conditions

General Conditions

1. The alignment and width of the North Shore Transmission Corridor shall be generally in accordance with that described in the 2009 Notice of Requirement and the 2012 Alteration to the Designation and shall be demarcated on the District Plan Maps accordingly.
2. That prior to any works being commenced, Transpower New Zealand Ltd shall obtain all requisite resource consents required by the Auckland Council under the Resource Management Act 1991.
3. Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.
4. The cables and associated equipment shall be designed, installed and operated so as to meet the NZ National Radiation Laboratory guidelines (as confirmed by the International Commission on Non-Ionizing Radiation Protection, ICNIRP) for general public 24hrs/day exposure.
5. In the event that electricity supply will need to be shut down for planned periods during construction, Transpower New Zealand Ltd shall advise the Council of the time and duration of the intended shut down at least 48 hours in advance.
6. Transpower New Zealand Ltd Limited shall submit an Outline Plan of Works to the Auckland Council in accordance with section 176A of the Resource Management Act 1991. In addition to the matters listed in section 176A(3), the outline plan shall describe and include details on the following:
 - a. The alignment of the cable(s) within the corridor and the width of the corridor.
 - b. The distance that any trench will be located from residential zoned properties and the depth of that trench and any measures to prevent the movement of earth on adjoining properties.
 - c. The location, size, function and effects (including noise) of all above-ground structures.
 - d. Measures to avoid, remedy or mitigate the potential effects of construction and maintenance activities on existing water, stormwater and wastewater services;
 - e. Measures to avoid, remedy or mitigate the potential effects arising from the physical presence of the cables on the operation of water, stormwater and wastewater services;
 - f. Measures to avoid, remedy or mitigate the potential effects arising from the physical presence of the cables on the future construction of water, stormwater and wastewater services;

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- g. The minor extension to the Wairau Road substation; and
- h. Such other matters as required to satisfy the conditions of this designation.

Services

7. During the detailed design and subsequent construction activities, Transpower New Zealand Ltd and its agents shall liaise with Water Services prior to undertaking any work in relation to the designation and shall ensure that all existing utility services located in or adjacent to the designation are:

- a. Protected from any activity which may interfere with the proper functioning of the services; and
- b. If damaged, repaired or replaced in accordance with the Council's Infrastructure Design Standards;

Any costs associated with the protection, repair or replacement of existing services maintained by the Council shall be at Transpower New Zealand Ltd's expense, to the reasonable satisfaction of the General Manager, Water Services.

8. All cables shall be installed in accordance with the relevant New Zealand Codes of Practice, including NZECP 34 and 35.

9. When laying the cables close to existing metallic pipelines Vector Limited shall ensure the associated service does not breach the requirements of AS/NZS 4653:2000.

10. Transpower New Zealand Ltd shall undertake a safety study, as part of the detailed design process, to demonstrate that induced and transferred potentials to other services would not be hazardous to personnel working on those services. An appropriate independent body shall review the study and recommend any relevant design modifications.

11. Transpower New Zealand Ltd shall review the possible effects that electric and magnetic fields may have on other existing underground services within the corridor, ensuring that all practicable measures are taken to minimise those effects.

12. All activities associated with the design and construction of the cables shall comply with Council's Infrastructure Design Standards and the 'as-built' plans (in accordance with the Council's Asset Data Standards manual) shall be submitted to the Council immediately after the completion of all construction.

Property Access

13. Vehicular and pedestrian access shall be maintained to the Wastewater Treatment Plant, Rosedale Park and Rosedale Park South at all times during construction.

14. In the event that Transpower New Zealand Ltd requires access to the North Shore Transmission Corridor via the Wastewater Treatment Plant site for construction and maintenance activities, all personnel and contractors of Transpower New Zealand Ltd are to comply with access controls and health and safety requirements applying to the Wastewater Treatment Plant site.

Trees

15. A Vegetation Mitigation Plan shall be prepared prior to the commencement of construction works within the corridor and shall be subject to the prior approval of the Council. The purpose of the Vegetation Mitigation Plan is to set out the measures for works around any protected trees and shall contain appropriate measures:

- a. To minimise the impact on protected trees, wherever possible;
- b. To develop a staged landscape plan for the remnant orchard trees in the George Pannill Reserve which includes suitable consultation with the Council and with local residents. The purpose of this landscape plan is to retain the general character of the orchard remnant and improve the overall amenity of the area;
- c. To indicate that where trees are required to be removed, these be replaced or replaced in close proximity, on a tree for tree basis, unless otherwise directed by the Council and that the replacement planting is maintained

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in accordance with the design infrastructure manual for a period of 18 months following planting; and
d. To reasonably minimise the need for removal of large trees and other vegetation which provide visual screening of the Wastewater Treatment Plant site from residential areas, Rosedale Park and Rosedale Park South.

The landscape plan for the George Pannill Reserve shall be prepared well in advance of construction to enable discussion with the Parks and Environments Department and reflect suitable consultation with local residents. For the purposes of this condition, the monetary limit of any Transpower New Zealand Ltd contribution under both Designation 179 and this Designation 179A to fruit tree replacement in the George Pannill Reserve shall be \$2500 (plus GST). As part of the Vegetation Mitigation Plan, Transpower New Zealand Ltd shall provide suitable planting within that part of the corridor that adjoins the rear boundary of 16 Jade Court, Albany.

16. In the event that trees providing visual screening to the Wastewater Treatment Plant Site need to be removed as a result of the installation of proposed underground cables, Transpower New Zealand Ltd, in consultation with Council, shall, where practicable, plant suitable replacement trees to provide a similar level of visual screening from residential areas, Rosedale Park and Rosedale Park South as existed prior to the removal of the trees.

Watercourses / Open Channels

17. Crossings over open channels and watercourses will need to be above the 1% AEP flood plain level with an adequate freeboard provided. Alternatively if a cable crossing is proposed to go under a watercourse, then adequate cover and protection will need to be provided to allow for possible future channel erosion and for channel maintenance activities. Adequate cover and protection will also be required where the cables cross pipes and other stormwater assets.

Details of the channel and watercourse crossings shall be submitted to the Stormwater Department for approval. In particular the following crossings need to be fully assessed:

- a. The Oteha Stream tributary between Albany Highway and Vanderbilt Parade;
- b. The Oteha Stream tributary between Vanderbilt Parade and Northwood Avenue;
- c. The Alexandra Stream near Bush Road;
- d. The concrete lined channels between Sunnynook Road and Porana Road; and
- e. The Wairau channel near the substation.

Traffic Disturbance

18. A Traffic Management Plan shall be submitted to the Council for approval, at least 20 working days prior to the commencement of construction of each cable length. Construction activity shall be undertaken in accordance with the Traffic Management Plan approved by the Council. The primary purpose of the Traffic Management Plan is to set out the mitigation measures that will be put in place for that phase of the project to ensure that traffic disruption associated with construction activities is minimised as far as it is practicable.

Dust

19. Best practicable measures shall be employed (e.g. watering of the construction area) to ensure any dust nuisance beyond the boundary of the corridor is minimised.

20. All spoil shall be removed from the site so that no spoil or construction materials likely to generate dust are stored or stockpiled on site.

Water Quality

21. Best practicable measures shall be employed to ensure that the discharge of sediment into any water body is avoided or minimised.

22. Excess material shall be placed directly into trucks or bins for removal off site thereby minimising the amount of loose sediment bearing materials on the site.

23. Cesspit filters shall be installed prior to the excavations commencing where there is a risk of runoff to an

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existing drainage network. This is to be augmented by the use of silt fences where these are able to be installed or are necessary. It is anticipated that silt fences will be primarily used in areas where the works pass close to an open watercourse.

24. Should the excavation require dewatering, then the contractor shall be expected to either discharge the liquids into another part of the trench (e.g. with scoria backfilling) via a portable settling tank, or across a grassed strip (provided the grass was long and a silt fence or cesspit filter was in place down gradient).

25. Backfilling, compaction and grading shall be undertaken as soon as possible after the laying of trenches, followed by re-sowing to re-instate surfaces to a condition which existed before the trenching.

Distance from Residential Boundaries

26. The trenches for laying underground cables shall be located a minimum distance of 1.5m from any residentially zoned property.

Hours of Work

27. The hours of work shall be restricted to 7 am to 6 pm Monday to Friday, 8 am to 6 pm Saturday, with no construction work undertaken on Sundays and Public Holidays.

Property Access

28. Construction of the cables shall be undertaken in such a manner as to ensure that reasonable access to properties on the cable route shall be maintained at all times.

Construction Noise

29. During construction, New Zealand Noise Standard 6803 NZS: 1999 Acoustics -Construction Noise shall be complied with.

30. Transpower New Zealand Ltd and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

Archaeological

31. If any archaeological remains are uncovered during construction, Transpower New Zealand Ltd shall immediately notify the Council and engage an archaeologist (to be approved by Council) to investigate and report on the importance of the remains.

32. Transpower New Zealand Ltd shall immediately advise local kaumatua and the New Zealand Historic Places Trust and cease working in the affected area until all necessary authority required by the New Zealand Historic Places Trust is obtained.

Completion of Construction

33. On completion of construction, all carriageways, road markings, signs, property access ways, drainage systems and other structures shall be restored to a standard at least comparable to their condition before the commencement of construction and shall be made good as soon as practicable.

Monitoring

34. Within six (6) months of the commencement of operation of any 220kV underground line, Transpower New Zealand Ltd shall supply to Council the results of a magnetic field survey that measures and appropriately illustrates the combined effect of the existing overhead and new underground lines, such field strength measurements to be taken at one metre above ground level and at intervals of not less than 400m or more than 800m along the length of the corridor (excluding roads). The Council may, depending on the significance of the results compared with recognised acceptable thresholds (see e.g., condition 5), require a repeat of the survey at a future date to be agreed by the parties.

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35. That provision be made for the removal of existing trees located in the corridor directly affected by the proposed location of the cable trenches, and that any replacement planting that may be required be determined by consultation and agreement between Transpower New Zealand Ltd and Council.

Advice Note

1. To assist Council with any telephone inquiries the Requiring Authority should advise the Council's Call-Centre before any work is commenced. The call centre may be contacted on phone number (09) 301 0101.

Attachments

Schedule of Legal Descriptions

Schedule of Legal Descriptions

Parcel ID/Appellation	
Pt Lot 1 DP 98275	Lot 102 DP 183218
Section 2 SO 68566	Pt Lot 1 DP 174315
Section 1 SO 68325	Lot 75 DP 174612
Lot 2 DP 204886	Lot 107 DP 182282
Lot 106 DP 182284	Lot 108 DP 182287
Pt Lot 452 Parish of Paremoremo	Section 1 SO 64438
Lot 303 DP 198381	Lot 202 DP 174280
Lot 300 DP 198382	Lot 300 DP 194881
Lot 153 DP 162064	Lot 152 DP 162064
Lot 153 DP 156385	Lot 152 156385
Pt Lot 1 DP 19750	Lot 1 DP 135027

8520 Takanini Electricity Substation

Designation Number	8520
Requiring Authority	Transpower New Zealand Ltd
Location	65 Airfield Road, Takanini
Rollover Designation	Yes

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Legacy Reference	Designation 40, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - Takanini electricity substation.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

2. Subject to condition 3, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).
4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Electric and Magnetic Fields (EMF)

8. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the

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secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 μ T for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

9. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

10. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

12. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 135030	Lot 2 DP 135030

8521 Drury Switching Station

Designation Number	8521
Requiring Authority	Transpower New Zealand Ltd
Location	261 Quarry Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 45, Auckland Council District Plan (Papakura Rural Section) 1999

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Electricity transmission - the construction, operation, maintenance, replacement, renewal and upgrading of a 220kV switchyard, transmission lines, and ancillary facilities.

Conditions

General

1. The works to give effect to the designation shall be in general accordance with the plans and information submitted by Beca Carter Hollings and Ferner Ltd on behalf of Transpower New Zealand Ltd [the Requiring Authority] in support of the Notice of Requirement contained in the document 'Notice of Requirement for a Designation' ref. 4260430 dated 9 October 2008, and all being Council approved reference 9410, and as may be modified by specific conditions hereunder.
2. Any upgrading of the switchyard shall include all activities and effects relating to an increase in the carrying capacity, efficiency or security of supply through equipment within the designated site, but excludes an increase in voltage above 220kV.

Electric and Magnetic Fields

3. The electric and magnetic fields shall comply with the guidelines for public exposure to electric and magnetic fields as published in 1998 by the International Commission on Non-Ionizing Radiation Protection (ICNIRP).
4. Within 3 months of the commissioning of the switchyard the requiring authority shall demonstrate compliance with the ICNIRP reference levels by providing to the council written confirmation from a suitably qualified person. Electric field strength and magnetic flux density are to be measured 1 metre above ground level at the switchyard fence and site boundary.
5. The site shall be designed and operated to limit public exposure to electric and magnetic fields, in accordance with the recommendations in Section 1 of the World Health Organisation monograph No. 238.

Advice Note: Policy 9 of the National Policy Statement on Electricity Transmission refers to both the ICNIRP guidelines and the WHO monograph.

Landscaping

6. Landscaping must proceed in general accordance with the Landscaping Plan (figure 4) drawn by Boffa Miskell Ltd and contained within their report entitled Landscape and Visual Effects Assessment dated September 2008.
7. The landscaping plan must be implemented within the first planting season following the completion of works on site.
8. The landscaping is to use screen planting with species capable of providing 15m high evergreen dense continuous screen around the site (with the exception of land underneath the pylons where low native planting will be grown).
9. All landscaping must be maintained in a healthy condition in order to give effect to the Landscaping Plan for the duration of the designation. Once a continuous row and/or canopy has been established, this maintenance shall include the replanting of any gaps created by the death or damage of trees, in order to allow continuous row and/or canopy to re-establish.

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Lighting

10. All exterior on-site lighting shall be positioned and directed downwards within the site, away from adjacent properties, existing dwellings and public roads so as to minimise the level of spill light and glare.

Site Management

11. Stock proof fencing will be provided to exclude stock from all water bodies shown on the Landscaping Plan (figure 4) drawn by Boffa Miskel Ltd and contained within their report entitled Landscape and Visual Effects Assessment dated September 2008, should the site be used for grazing.

Electrical Interference

12. The switchyard shall be operated, managed and controlled so that there is no additional electrical interference with television or radio reception at any existing residence as a consequence of the construction and operation of the switchyard.

Operational Noise of the Switchyard

13. The switchyard shall be designed, constructed and operated in such a manner so that the noise level measured at the site boundaries of 261 Quarry Road shall not exceed the following limits:

	Leq Levels	L _{max}
Monday – Sunday 7am – 8pm	55 dBA	-
Monday – Sunday 8pm – 7am	45 dBA	75 dBA

a. The noise levels shall be measured and assessed in accordance with the requirements of NZS 6801:1999 Measurement of Sound and NZS 6802:1999 Assessment of Environmental Sound.

b. The noise shall be measured by a sound level meter complying with the International Standard IEC 651(1979): Sound Level Meters, Type 1.

c. Should the above standards be superseded then the most up to date standards shall apply.

14. Circuit breaker maintenance noise shall not exceed 75 dBA L_{max} at all times.

Signage

15. No advertising signs shall be placed on any structure, wall or fence within the site (directional and safety signs are exempted).

Earth Potential Rise or Induced Voltage Hazards

16. The requiring authority shall ensure that any earth potential rise or induced voltage hazards caused by the switchyard comply with the NZ Electrical Code of Practice 35 and shall not adversely affect the operation of existing infrastructure.

Construction Noise

17. The requiring authority must comply with the noise standards set out in NZS 6803:1999 Acoustics – Construction Noise at all times while any construction works are being carried out on site.

Archaeological Deposits

18. If any urupa, traditional sites, taonga (significant artefacts), koiwi (human remains) or other archaeological sites are exposed during site works then the following procedures shall apply:

a. Immediately it becomes apparent that an urupa, traditional site, taonga, koiwi or other archaeological site has been exposed, all site works in the immediate vicinity shall cease.

b. The site supervisor shall immediately secure the area in such a way that ensures that any artefacts

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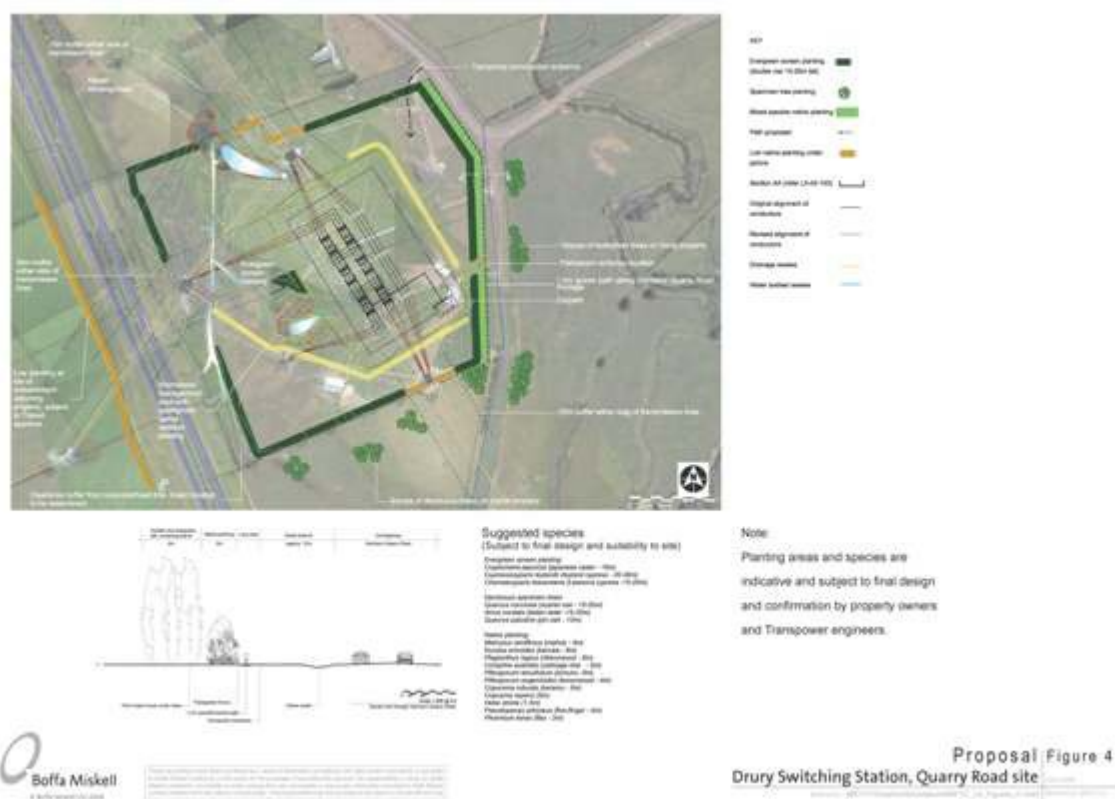
or remains are not further disturbed; and

c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation, the Auckland Council, and, in the case of human remains, the NZ police, that an archaeological or traditional site has been exposed so that appropriate action can be taken. This includes such persons being given reasonable time as determined by the Council to record and recover archaeological features discovered before work may commence.

19. That the requiring authority consult with the Kaitiaki Unit (Te Roopu Kaitiaki O Papakura) in regard to the proposed creation of a wetland and riparian planting to mitigate the diversion of one of the springs on the site.

Attachments

Figure 4 - Landscape Plan



Schedule of Legal Descriptions

Parcel ID	
Pt Lot 1 DP 62333	Pt Lot 2 DP 62333

8522 Wellsford Electricity Substation

Designation Number	8522
Requiring Authority	Transpower New Zealand Ltd
Location	69 School Road, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 940, Auckland Council District Plan (Rodney Section) 2011

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Electricity transmission - Wellsford electricity substation.

Conditions

1. That any extension of substation equipment (not otherwise being a permitted activity) beyond the existing substation footprint, as identified in Appendix 15U(i), is first authorised by way of an alteration of the designation in accordance with section 181 of the Resource Management Act 1991 (or any future equivalent Provision). Until such time as there is an extension to the substation footprint by way of an alteration of the designation, the additional area will be retained as a buffer.

Cultural / Spiritual

2. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
- Works in the immediate vicinity of the site that has been exposed shall cease;
 - The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

3. Subject to condition 3, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics—Construction Noise at locations set out in section 6.2 of that standard.

4. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).

5. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.

6. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

7. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

8. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill

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Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Electric and Magnetic Fields (EMF)

9. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 μ T for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

10. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

11. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

12. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

13. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

14. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

15. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

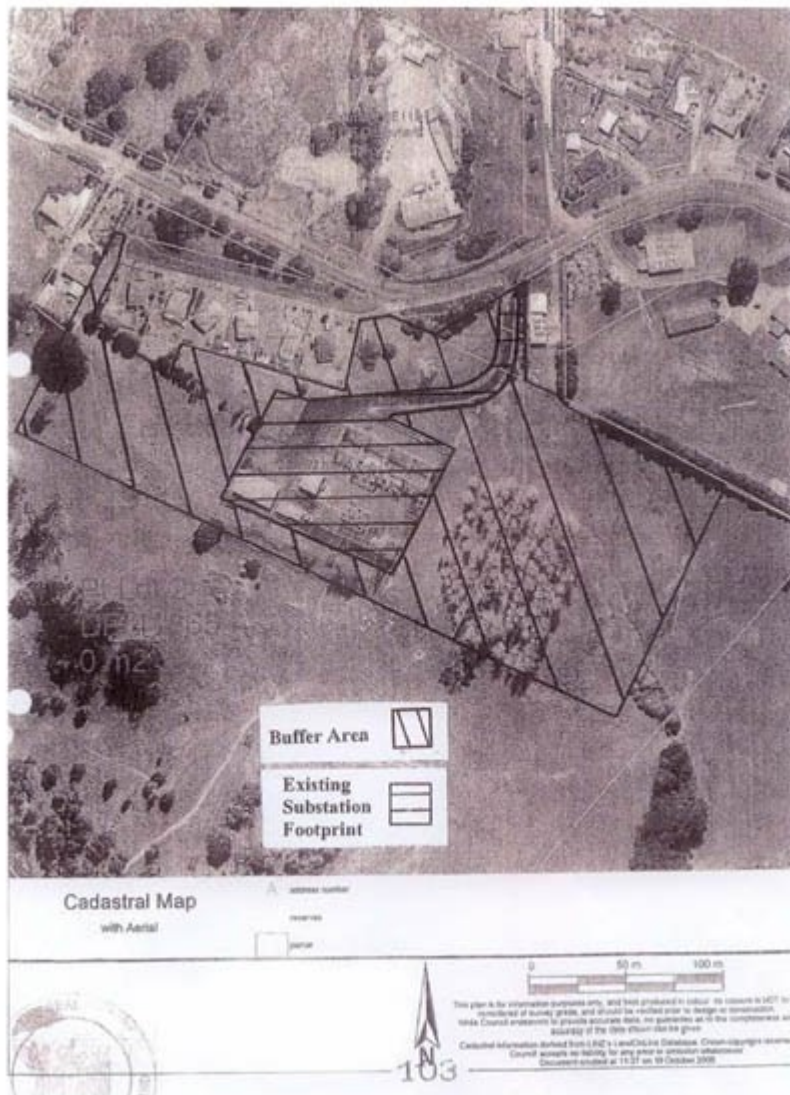
Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Existing Substation Footprint and Buffer Area

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Schedule of Legal Descriptions

Parcel ID	
Pt Lot 2 DP 41865	Pt Alott 285 Parish of Oruawharo
Pt Alott 288 Parish of Oruawharo	

8523 Silverdale Electricity Substation

Designation Number	8523
Requiring Authority	Transpower New Zealand Ltd
Location	83-91 Foundry Road, Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 941, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. lapse date)

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Purpose

Electricity transmission - Silverdale electricity substation.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

2. Subject to condition 3, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics—Construction Noise at locations set out in section 6.2 of that standard.
3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).
4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Electric and Magnetic Fields (EMF)

8. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

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Radio Frequency Interference

9. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

10. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

12. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 6 DP 60254	

8524 Huapai Electricity Substation

Designation Number	8524
Requiring Authority	Transpower New Zealand Ltd
Location	108 Matua Road, Huapai
Rollover Designation	Yes
Legacy Reference	Designation 942, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - Huapai electricity sub-switching station.

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Conditions

General

1. The purpose of the designation is to provide for a switching station at Huapai.
2. The nature of the proposed work is to erect, operate, maintain and upgrade a switching station in accordance with the designation and subject to the conditions set out in the concept plan.
3. The designated site comprises 2.6752 hectares and includes the permanent accessway to the site, the proposed switching station facility and landscape buffers to the river (refer Figure 1 Dwg TX41442B).

Height

4. The maximum height of equipment within the switching station will be as follows:
 - a. Circuits 5 - 7 metres;
 - b. High level bus conductors 9 metres;
 - c. Transmission Pole 18.5 metres;
 - d. Control Room 4.5 metres; and
 - e. Telecommunication Pole 23 metres;

The Height of the two existing towers within the designated area will not be altered as a result of the switching station.

Yards

5. The switching station equipment (including the security fence) is to be sited a minimum of 5 metres from all boundaries of the designated site.

Site Coverage

6. The switching station footprint (demarcated by the security fence) is not to exceed an area of 5650m². This footprint will include all switching station structures except for the earthgrid, which is underground and the 18.5 metre transmission pole securing conductors on the 110kV line.

Security Fence

7. A security fence is to be erected around the switching station. Warning signs are to be placed on this fence and a sign identifying the site as being owned by Transpower New Zealand Ltd (Transpower) is to be erected at the site entrance. The sign at the site entrance shall comply with the Council's signs bylaw.

Landscape Mitigation

8. Planting
 - a. The site will be planted in locations shown in the outline landscape plan (Figure 2 Dwg W00022/01).
 - b. A detailed landscape plan will be submitted for approval by Council as part of the outline plan of works required by section 176A of the Resource Management Act 1991.
 - c. The planting will be completed within the first planting season after the construction of the switching station and shall be maintained (including the replacement of any diseased specimen or failed plantings) in accordance with the approved Plan.
 - d. Landscaping shall be retained and maintained for the duration of the switching station.
9. Screening
 - a. The use of fabric fencing (up to 6m in height) is to be incorporated into the mitigation planting area as a temporary visual mitigation measure.
 - b. The fabric is to be a dark green colour and placed on both sides of screening support structures.
 - c. Locations for the fabric screening and timing of removal is to be confirmed by way of the landscape plan to be submitted for approval by Council as part of the outline plan of works.

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10. Colours of Structures

- a. The 18.5 metre transmission pole and the 23 metre telecommunications pole are to be painted a dark green colour to blend in with the background hills.
- b. The control room and tubular buswork (7m and 9m components) excluding couplings will be a similar colour.
- c. Final colours to be approved by the Manager Resource Consents and Compliance, Auckland Council.
- d. The drop wires and other flexible equipment are to be non-reflective with a matt finish.
- e. The galvanised steel supports are to have a matt or weathered finish.
- f. The switching yard gravel is to be a dark grey colour.

Resource Consents

11. Prior to commencement of construction Transpower will obtain all necessary consents from the Regional and/or District Council and carry out the proposed work in accordance with those consents.

Performance Standards

Lighting

12. The site shall not be illuminated at night except during emergency works or other maintenance work requiring out of hours activity (eg programmed outage). The illuminance of the site lighting installations shall not exceed: 5 lux (lumens per square metre) spill (horizontal or vertical) of light at any window of an adjacent household unit.

Noise

13. The noise level generated by the switching station shall comply at all times with the following noise levels. All activities on the site shall be conducted so as to ensure the following noise limits are not exceeded at any point within the notional boundary of any dwelling:
 - a. Monday to Saturday 7am — 6pm 50dBA L₁₀;
 - b. At all other times including Public Holidays 45dBA L₁₀; and
 - c. Monday to Sunday 6pm — 7am 70dBA L_{max}

Notional Boundary is defined as a line 20 metres from the façade of any dwelling or the legal boundary where the boundary is closer than 20 metres to the dwelling. Sound levels shall be measured in accordance with the requirements of NZS 6801:1999 Measurement of Sound and assessed in accordance with the requirements of NZS 6802:2008 Acoustic - Assessment of Environmental Sound except that all measurements shall be carried out within the notional boundary of any dwelling as defined above.

14. Noise levels during the construction period shall comply with the requirements NZS 6803:1999 Acoustics — Construction Noise.

Construction Noise

15. Construction activity shall be undertaken between the hours of 7.30am - 6pm Monday to Saturday. If is essential for construction to be carried out outside these hours, Transpower shall give the occupants of immediately adjoining properties not less than five working days notice of the period during which construction will take place outside the normal construction period, and when those extended hours will commence.

16. Prior to the commencement of work on the site a Construction Management Plan will be prepared and submitted for approval of the Consents Manager. This Plan is to include details of Earthworks and Silt Control Measures. Specifically the management plan will require the following:

- a. The stripping of vegetation, overburden and soil shall be kept to a minimum i.e. cleared areas will be limited to only those areas where work is about to commence; and
- b. A dust management plan.

17. A traffic management plan will be prepared for the construction period and incorporated into the Outline Plan.

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EMF and EMR

18. The switching station shall comply with the guidelines for public exposure to electric and magnetic fields as published in 1998 by the International Commission on Non-Ionizing Radiation Protection (ICNIRP).

19. The telecommunication facility on the site shall be operated so that it satisfies the requirements of NZS 2772.1:1999 in respect of all areas to which the public may have access. A report from a suitably qualified person shall be submitted to the satisfaction of the Consents Manager within three months of the installation commencing operation, confirming that the site is operating in accordance with the guidelines and the requirements of NZS 2772.1:1999. If these levels do not comply with the guidelines site operations will be amended to ensure compliance.

Archaeological Sites

20. In the event of an archaeological site being uncovered, work is to cease immediately in the vicinity of the discovery and the New Zealand Historic Places Trust Regional Archaeologist and Te Tao U ki Ngati Whatua will be contacted so that appropriate action can be taken before work may recommence.

Access

21. The designated access to the site shall not be used for heavy vehicles during the construction period.

Attachments

Figure 1 - Dwg TX41442B

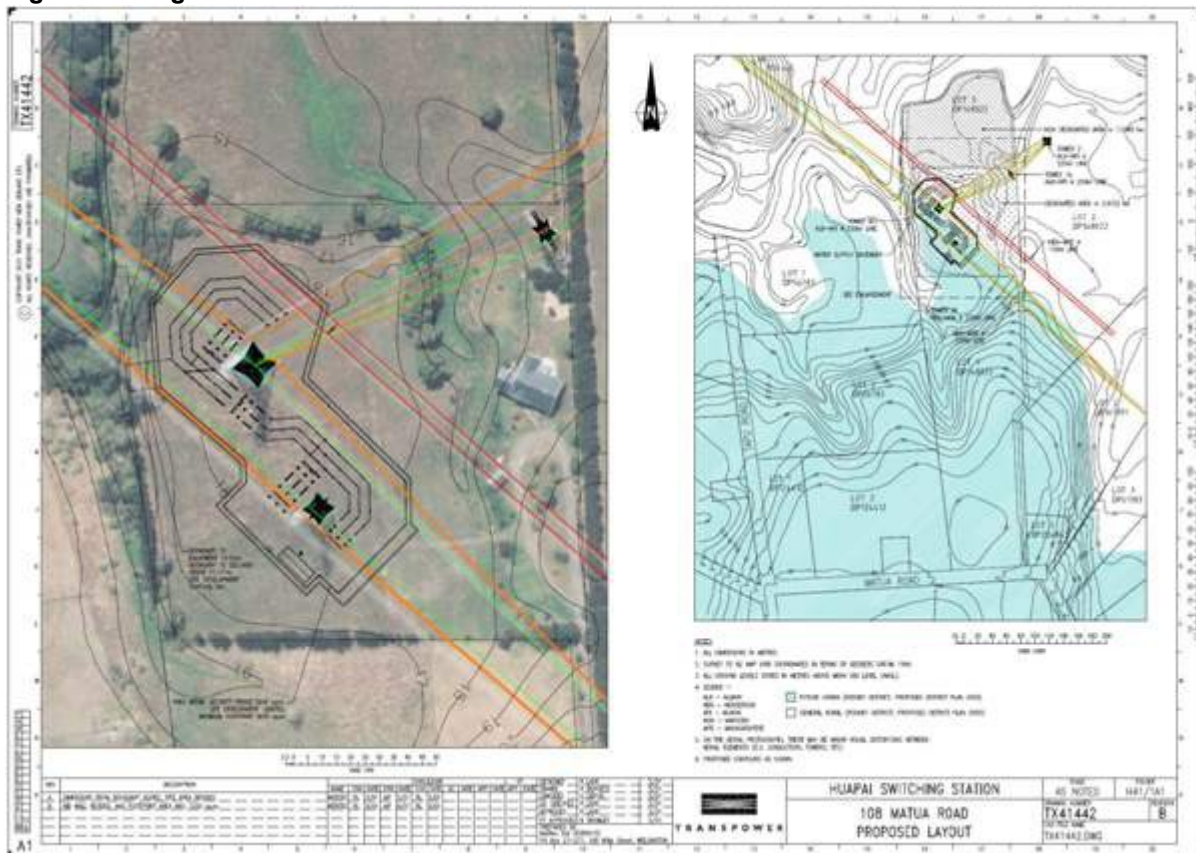
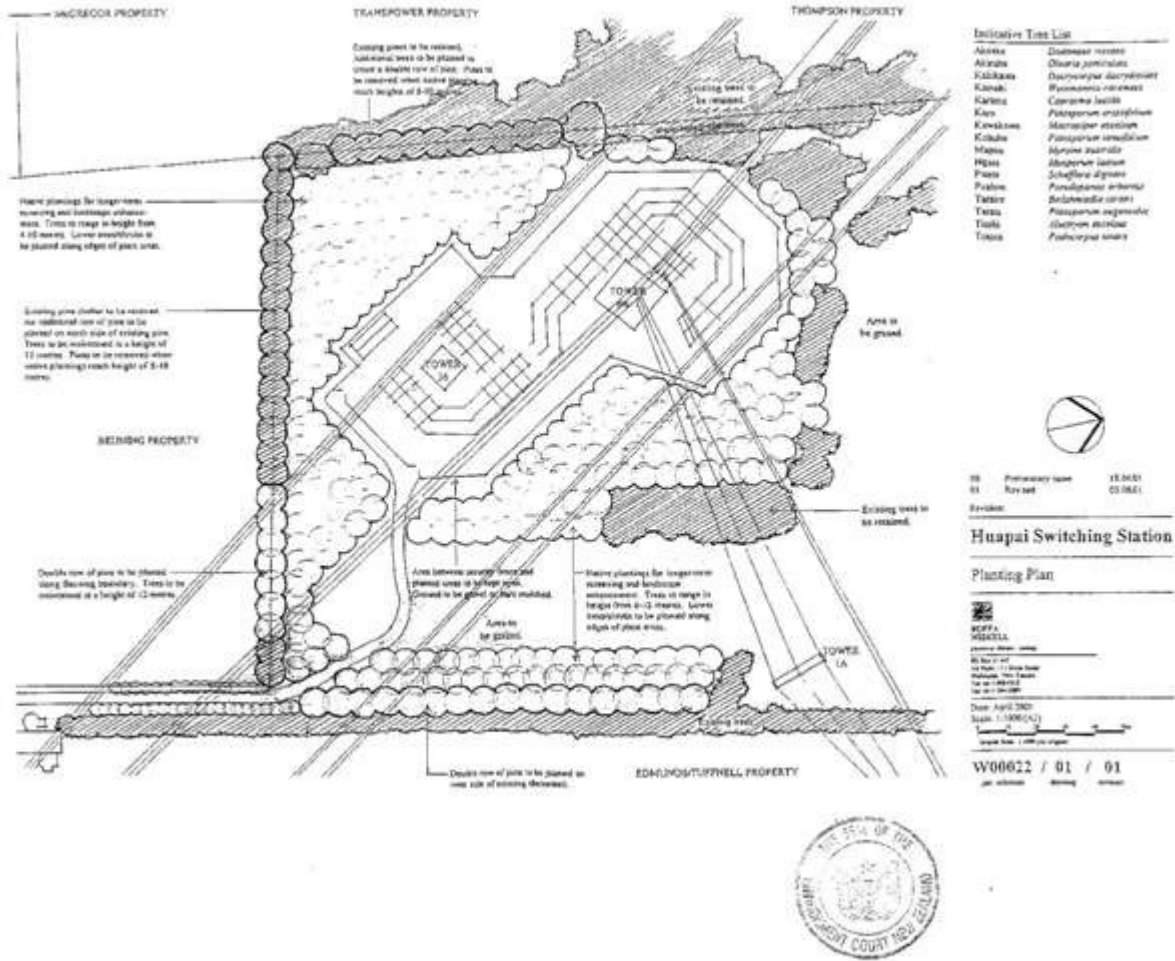


Figure 2 - Dwg W00022/01

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Schedule of Legal Descriptions

Parcel ID	
Lot 3 DP 148022	

8525 Henderson Electricity Substation

Designation Number	8525
Requiring Authority	Transpower New Zealand Ltd
Location	1-12, 41-49 and 35 Lincoln Park Avenue, Massey
Rollover Designation	Yes
Legacy Reference	Designation TP1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - Henderson electricity substation.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as

The Proposed Auckland Unitary Plan (notified 30 September 2013)

appropriate:

- a. A statement on the relevant Plan objectives, policies and rules; and
- b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

3. Work which affects the exterior of the group of three buildings located near the site entrance, described in the Heritage Schedule as CH1 1173, shall be limited to repairs, maintenance and works such as security lighting, alarms and cameras which are required for security purposes. Such work may be carried out without an outline plan of works.

Cultural / Spiritual

4. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:

- a. Works in the immediate vicinity of the site that has been exposed shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
- c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
- d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

5. Subject to condition 3, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics—Construction Noise at locations set out in section 6.2 of that standard.

6. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).

7. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.

8. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

9. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

10. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Electric and Magnetic Fields (EMF)

11. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 μ T for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

12. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

13. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

14. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

15. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

16. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

17. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 146083	Lot 9 DP 106455
Lot 10 DP 106455	Pt Lot 10 DP 29329
Lot 1 DP 60157	Lot 2 DP 60157
Lot 3 DP 60157	Lot 4 DP 60157
Lot 5 DP 60157	Lot 1 DP 164563

8526 Hepburn Road Electricity Substation

Designation Number	8526
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Requiring Authority	Transpower New Zealand Ltd
Location	167-217 Hepburn Road, Glendene
Rollover Designation	Yes
Legacy Reference	Designation TP2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - Hepburn road electricity substation.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out
2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Cultural / Spiritual

3. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and
 - d. the notification in (c) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and Maintenance Noise

4. Subject to condition 6, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
5. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (eg, at night-time).
6. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
7. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents

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Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

8. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous Substances

9. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TPG:GS.54.01), Issue 2, June 2002.

Electric and Magnetic Fields (EMF)

10. Any new works or equipment shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

11. Any new works or equipment shall be designed to comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

12. In designing and constructing any new works or equipment, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

13. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard TP.DS.52.01, Issue 2, January 2005.

Light Spill

14. Any new exterior lighting shall be designed to comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Requirements for Outdoor Switchyard Lighting Policy, TP GS 41.01, Issue 3, April 2006; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

15. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

16. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic - Assessment of Environmental Sound.

Advice Note

1. Any new works or equipment means those works which were not existing prior to the notification of the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

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Parcel ID	
Lot 1 DP 139739	

8527 Rua o te Whenua Telecommunications Facility

Designation Number	8527
Requiring Authority	Transpower New Zealand Ltd
Location	600 Scenic Drive, Waiatarua
Rollover Designation	Yes
Legacy Reference	Designation TP3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - Rua o te Whenua telecommunications facility.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules;
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out; and
 - c. A visual impact and mitigation assessment where the proposed work is a new tower structure at Rua o te Whenua (Designation 101: Airways Corporation of New Zealand Ltd: Communication facility) (as provided for in condition 4(c)(i)).
2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.
3. This designation affects a site which is the subject of an earlier designation (AC1) and the following conditions apply to any development on the site.
 - a. All development on the site shall be within the "defined development area" as defined in Designation 101: Airways Corporation of New Zealand Ltd: Communication facility;
 - b. The maximum height of any development on the site shall be not more than 25 metres above ground level;
 - c. Development which is additional to that on the site as at 1 February 2000 (which included a tower structure, three "slim-line" masts, the Airways Corporation equipment building and the Transpower repeater building) shall be limited to:
 - i. The replacement of the existing tower structure with another facility, provided that when the new facility is completed and commissioned, the existing tower is decommissioned and demolished;
 - ii. Antennae attached to the existing tower or new tower (provided that these do not exceed the overall height limit);
 - iii. Up to four additional "slim-line" masts of similar design to the three existing masts;
 - iv. Accessory buildings with a maximum height of 4.5 metres; and
 - v. The extension of the site access road.
 - d. Native vegetation alteration (including removal) shall be restricted to:
 - i. Removal of vegetation from within the "defined development area"; and
 - ii. Removal or pruning of any vegetation which compromises the operation of the facility.

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Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP 137549	

8528 Massey North Underground Electricity Transmission Cables

Designation Number	8528
Requiring Authority	Transpower New Zealand Ltd
Location	13 Westgate Drive, Massey to 97D Fred Taylor Drive, Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation TP4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission - the Massey North Underground Cable Project, comprising a 110kV underground transmission line for the conveyance of electricity and ancillary structures associated with the works to be located between existing Towers 6 and 12 of the Albany – Henderson A 110kV overhead transmission line.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules;
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out;
 - c. A visual impact and mitigation assessment where the proposed work is a new tower structure at Rua o te Whenua (Designation TP3 and AC1) (as provided for in condition 4(c)(i)).
2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.
3. "Works" has the same meaning as in the Notice of Requirement by Transpower New Zealand Limited for a designation for "Underground Transmission Line" dated January 2011 ("Notice of Requirement"). Works shall be conducted and maintained generally in accordance with the information provided by the requiring authority as shown on all information and plans titled:
 - a. Form 18 titled 'Notice of Requirement by Transpower New Zealand Limited for designation for "Underground Transmission Line', signed by Brian Warburton – Environmental Strategy and Approvals Group, Transpower NZ Ltd
 - b. Plan Prepared by Beca, titled 'Massey North Underground Cable Project: Land Requirement Plan' Dwg no. GIS-4213785-2-1, GIS-4213785-2-2, GIS-4213785-2-3 all Rev 1.1, all dated 27/05/2011
 - c. Documentation from Beca titled 'Notice of Requirement for a Designation: Massey North Underground Cable Project' dated April 2011
 - d. Letter from Andrew Renton of Transpower titled 'Transpower Approval of Works within Massey North Underground Cable Designation' dated 23 September 2011.
 - e. Letter from Alan Wallace of Auckland Transport titled 'Transpower Approval of Works within Massey North

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Underground Cable Designation v2' dated 28 September 2011.

Designation Review Condition

4. As soon as practicable following completion of the Project, the requiring authority shall:

- a. Review the area designated for the Project;
- b. Identify:
 - i. Any areas of designated land (including public reserve) that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the underground cables and ancillary activities;
 - ii. Any areas of designated land within the legal road boundaries that are more than 1.3 metres from the centreline of the outermost cable (excluding joint bays and associated link pits);
- c. Remove the designation over the areas identified in (b) above in accordance with section 182 of the Resource Management Act and provide a plan of the final designated areas to the Council for inclusion in the District Plan; and
- d. Provide as-built plans to the Council.

Advice Note

1. Where section 176 approvals under the Resource Management Act 1991 are required by utility operators (other than the Requiring Authority) for their works within the designation, the Requiring Authority will provide a timely response, in order to facilitate co-ordination of section 176 approvals sought by the utility operator and the road opening notice process.

Attachments

Attachment 1: Schedule of Legal Descriptions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Schedule of Legal Descriptions

Parcel ID/Appellation
Lot 6 DP 96884
Lot 7 DP 105157
Section 3 Block X Waitemata Survey, District
Lot 1-2 DP 117530
Lot 4 DP 117530
Lot 3 DP 117530
Lot 4 DP 117530
Lot 2 DP 127335
Lot 187 DP 191489
Lot 1 DP 200724
Lot 4 DP 205501
Lot 9 DP 105157
Lot 3 and Lot 4 DP 96884
Lot 28 DP 425328

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R8529 Mangere Electricity Substation

Designation Number	R8529
Requiring Authority	Transpower New Zealand Ltd
Location	11, 14 and 16 Driver Road and 307 Massey Road, Mangere
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission – Mangere electricity substation.

Conditions

Cultural / Spiritual

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1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:

- a. Works in the immediate vicinity of the site that has been exposed shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
- c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and the notification in (c.) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and maintenance noise

2. Subject to condition 3 below, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics—Construction Noise at locations set out in section 6.2 of that standard.

3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).

4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.

5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TP: GS.54.01), Issue 3, December 2011.

Electric and Magnetic Fields (EMF)

8. The works shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

9. Any new works or equipment shall comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

The Proposed Auckland Unitary Plan (notified 30 September 2013)

10. In designing and constructing new works, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard Design of Substation Earthing TP.DS.52.01, Issue 2, January 2005.

Light spill

12. All exterior lighting shall comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Guidelines and Information for Switchyard and Grounds Lighting, TP DS 40.03, Issue 1, April 2012; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic – Assessment of Environmental Sound. Note: Any new works or equipment means those works or equipment which did not exist prior to the notification of the Auckland Unitary Plan.

Outline Plan of Works

15. At the time of submitting an Outline Plan of Works to the Auckland Council Transpower will provide the following:

- a. An Erosion and Sediment Control Plan for any earthworks that exceed 500m² and/or 250m³;
- b. A Construction Management Plan; and
- c. An arboricultural report where any future works will occur within the dripline of any tree and/or any tree trimming is proposed.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP143110	Lots 4 and 5 DP21796

R8530 Hobson Street Electricity Substation

Designation Number	R8530
Requiring Authority	Transpower New Zealand Ltd
Location	13-21 Hobson Street, Auckland City
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission – Hobson Street electricity substation.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and the notification in (c.) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and maintenance noise

2. Subject to condition 3 below, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).
4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TP: GS.54.01), Issue 3, December 2011.

Electric and Magnetic Fields (EMF)

8. The works shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

Radio Frequency Interference

9. Any new works or equipment shall comply with NZS 6869:2004 Limits and Measurement Methods of

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Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

10. In designing and constructing new works, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard Design of Substation Earthing TP.DS.52.01, Issue 2, January 2005.

Light spill

12. All exterior lighting shall comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Guidelines and Information for Switchyard and Grounds Lighting, TP DS 40.03, Issue 1, April 2012; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic – Assessment of Environmental Sound. Note: Any new works or equipment means those works or equipment which did not exist prior to the notification of the Auckland Unitary Plan.

Outline Plan of Works

15. At the time of submitting an Outline Plan of Works to the Auckland Council Transpower will provide the following:

- a. An Erosion and Sediment Control Plan for any earthworks that exceed 500m² and/or 250m³;
- b. A Construction Management Plan; and
- c. An arboricultural report where any future works will occur within the dripline of any tree and/or any tree trimming is proposed.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lot 1 DP91179	

R8531 Wairau Road Electricity Substation

Designation Number	R8531
Requiring Authority	Transpower New Zealand Ltd
Location	4A Wairau Road, Takapuna
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Electricity transmission – Wairau Road electricity substation.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and the notification in (c.) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Construction and maintenance noise

2. Subject to condition 3 below, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
3. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g. at night-time).
4. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.
5. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Vibration

6. Vibration from all construction activities shall not exceed the limits of, and shall be measured and assessed in accordance with, German Standard DIN 4150-3 (1999-02) Structural Vibration – Effects of Vibration on Structures.

Hazardous substances

7. Any new part of the facility containing oil shall be designed to comply with Transpower's Oil Spill Management Policy (TP: GS.54.01), Issue 3, December 2011.

Electric and Magnetic Fields (EMF)

8. The works shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (ie, when there are no faults in the transmission system).

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Radio Frequency Interference

9. Any new works or equipment shall comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Earth Potential Rise

10. In designing and constructing new works, Transpower shall give consideration to third-party conductive services to ensure compliance with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997 as in force at the date of confirmation of the designation.

11. Any new substation earth grids shall be designed, built, and tested to ensure electrical safety at or beyond the designation boundary in accordance with Transpower Standard Design of Substation Earthing TP.DS.52.01, Issue 2, January 2005.

Light spill

12. All exterior lighting shall comply with:

- a. AS/NZS 1158 Lighting for Roads and Public Spaces 2005 Part 3.1; and
- b. Transpower's Guidelines and Information for Switchyard and Grounds Lighting, TP DS 40.03, Issue 1, April 2012; and
- c. AS 4282 1997, Control of Obtrusive Effects of Outdoor Lighting.

Operational Noise

13. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.

14. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic – Assessment of Environmental Sound. Note: Any new works or equipment means those works or equipment which did not exist prior to the notification of the Auckland Unitary Plan.

Outline Plan of Works

15. At the time of submitting an Outline Plan of Works to the Auckland Council Transpower will provide the following:

- a. An Erosion and Sediment Control Plan for any earthworks that exceed 500m² and/or 250m³;
- b. A Construction Management Plan; and
- c. An arboricultural report where any future works will occur within the dripline of any tree and/or any tree trimming is proposed.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Allotment 563 Parish of Takapuna.	

R8532 Highbrook Business Park Underground Electricity Transmission Cable

Designation Number	R8532
Requiring Authority	Transpower New Zealand Ltd
Location	Highbrook Business Park
Rollover Designation	No
Legacy Reference	N/A

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Electricity Transmission – the operation, maintenance and upgrading of underground transmission lines comprising of two 110kV cable circuits and termination structures to convey electricity between Otahuhu and Penrose.

Conditions

Cultural / Spiritual

1. If any urupā, traditional sites, taonga (significant artefacts), or kōiwi (human remains) are exposed during site works, then the following procedures shall apply:
 - a. Works in the immediate vicinity of the site that has been exposed shall cease;
 - b. The site supervisor shall immediately secure the area in a way that ensures that any remains or artefacts are untouched;
 - c. The site supervisor shall notify representatives of relevant tāngata whenua, the New Zealand Historic Places Trust, the Auckland Council and, in the case of human remains, the New Zealand Police; and the notification in (c.) above shall allow such persons being given a reasonable time to record and recover archaeological features discovered before work may recommence on the exposed site.

Electric and Magnetic Fields (EMF)

2. The works shall be designed and constructed to limit the EMF exposure at or beyond the secure boundary of the substation site to the International Commission on Non-Ionising Radiation Protection Guidelines for limiting exposure to time-varying electric, magnetic, and electromagnetic fields (up to 300 GHz) (Health Physics, 1998, 74(4): 494–522) (ICNIRP Guidelines) public reference levels of 5 kV/m for electric fields and 100 µT for magnetic flux density at one metre above ground level under maximum normal operating conditions (i.e., when there are no faults in the transmission system).

Earth Potential Rise / Induced Voltages

3. The works shall be designed and constructed to comply with regulations 58, 60, 69 and 87 of the Electricity Regulations 1997.

Radio frequency interference

4. Any new works or equipment shall comply with NZS 6869:2004 Limits and Measurement Methods of Electromagnetic Noise from High-Voltage a.c. Power Systems, 0.15 to 1000 MHz.

Operational noise

5. A noise management plan shall be submitted for any new equipment (such as transformers, fans and circuit breakers) that is likely to generate noise audible at the designation site boundary.
6. Sound levels shall be measured and assessed in accordance with NZS6801:1999 Measurement of Sound and NZS6802:2008 Acoustic – Assessment of Environmental Sound. Note: Any new works or equipment means those works or equipment which did not exist prior to the notification of the Auckland Unitary Plan.

Construction and maintenance noise

7. Subject to condition 8 below, all construction and maintenance work shall be designed, managed and conducted to ensure that construction and maintenance noise from the site does not exceed the limits in NZS6803:1999 Acoustics–Construction Noise at locations set out in section 6.2 of that standard.
8. The noise limits shall not apply to emergency work required to re-establish continuity of supply, work urgently required to prevent loss of life or other personal injury, or commissioning works at the substation site, but all

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practicable steps shall be undertaken to control noise and to avoid adverse noise effects, particularly at times when the stricter noise limits apply (e.g., at night-time).

9. Prior to any significant construction work taking place, including any earthworks, a noise management plan shall be prepared, with the assistance of a suitably qualified and experienced person, that sets out the management procedures in terms of section 8 and Annex E of NZS6803:1999 and the works shall be undertaken in accordance with that noise management plan.

10. The noise management plan required by the above condition 4 shall be submitted to Council's Consents Manager for approval, at least 20 working days prior to the works commencing. The Council's Consents Manager shall respond within 20 working days indicating whether approval is given or refused. Approval shall not be unreasonably withheld.

Existing Utilities

11. The Requiring Authority shall consult and liaise with all utility operators whose activities or interests may be affected by proposed construction or maintenance works prior to undertaking any work pursuant to this designation to confirm that:

- a. The Requiring Authority is aware of the location of all utility services existing at the time of construction in, or adjacent to, the designation and to identify any necessary exploratory excavation and evaluations of potential effects on the proper functioning of the utility services (including potential for earth potential rise or induction hazards) that should be undertaken;
- b. As far as practicable, all utility services (existing at 30 July 2013) located in or adjacent to the designated route are protected from the Works and any associated activities that may interfere with the proper functioning of those services; and
- c. Reasonable access to existing utility services located in or adjacent to the designation is maintained during construction.

12. Construction or maintenance works shall be designed and constructed so as not to cause existing assets of other utilities to be non-compliant with AS/NZS 4853:2000 — Electrical Hazard on Metallic Pipelines.

Hours of Work

13. The hours of work shall be restricted to 7 am to 6 pm Monday to Friday, 8 am to 6 pm Saturday, with no construction or maintenance work undertaken on Sundays and Public Holidays.

Property Access

14. Construction and maintenance of the cables shall be undertaken in such a manner as to ensure that reasonable access to properties on the cable route shall be maintained at all times.

Laying of Cables

15. All new cables shall be installed in accordance with the relevant New Zealand Codes of Practice, including NZECP 34 and 35.

16. When laying new cables close to existing metallic pipelines Transpower shall ensure the associated service does not breach the requirements of AS/NZS 4853:2000 - Electrical Hazards on Metallic Pipelines.

Completion of Construction

17. On completion of works, all carriageways, road markings, signs, property access ways, drainage systems and other structures shall be restored to a standard at least comparable to their condition before the commencement of construction and shall be made good as soon as practicable.

Outline Plan of Works

18. At the time of submitting an Outline Plan of Works to the Auckland Council Transpower will provide the

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following:

- a. An Erosion and Sediment Control Plan for any earthworks that exceed 500m² and/or 250m³;
- b. A Construction Management Plan;
- c. An arboricultural report where any future works will occur within the dripline of any tree and/or any tree trimming is proposed; and
- d. Visual assessment, if the works are to be located within 200 metres of Pukekiwiri Volcanic Crater.

Designation Review

19. The Requiring Authority may, in consultation with the Council, as the road controlling authority:

- a. Review the width of the area designated for the project;
- b. Identify:
 - i. Any areas of designated land that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the underground cables and ancillary activities; and
 - ii. Any areas of designated land within the legal road boundaries that are more than 2.5 metres from the centreline of the cables (excluding joint bays, which should be 3 metres in width) ; and
- c. Remove the designation over the areas identified in (b) above in accordance with section 182 of the Act and provide a plan of the final designated areas to the Council for inclusion in the Auckland Unitary Plan.

Attachments

Schedule of Legal Descriptions

Parcel ID	
Lots 502 and 513 DP381745	Lot 510 DP387222

Vector Ltd

Designation Schedule - Vector Ltd

Number	Purpose	Location
8800	Electricity works (substation)	285 East Tamaki Road, Otara
8801	Electricity works (substation)	10 Udys Road, Pakuranga
8802	Electricity works (substation)	103 Wiri Station Road, Manukau
8803	Electricity works (substation)	1 Laxon Avenue, Otara
8804	Electricity works (substation)	80 Raglan Street, Papatoetoe
8805	Electricity works (substation)	140R-142 Boundary Road, Otara
8806	Electricity works (substation)	39 Whitford Road, Howick
8807	Electricity works (substation)	142 Maraetai Drive, Maraetai
8808	Electricity works (substation)	28 Weymouth Road, Manurewa
8809	Electricity works (substation)	15 Nandina Avenue, Greenmount
8810	Electricity works (substation)	418 Roscommon Road, Manurewa
8811	Electricity works (substation)	72 Hutchinson Road, Howick
8812	Electricity works (substation)	2 Canning Crescent, Mangere
8813	Electricity works (substation)	1 Gillies Avenue, Epsom
8814	Electricity works (substation)	355 Rosebank Road, Avondale
8815	Electricity works (substation)	867B New North Rd, Mt Albert

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8816	Electricity works (substation)	2-4 Minto Road, Remuera
8817	Electricity works (substation)	60 College Road, St Johns
8818	Electricity works (substation)	98 Franklin Road, Freemans Bay
8819	Electricity works (substation)	12 Dundonald Street, Eden Terrace
8820	Electricity works (substation)	27-29 Ruskin Street, Parnell
8821	Electricity works (substation)	4 Thatcher Street, Mission Bay
8822	Electricity works (substation)	58-60 Kesteven Avenue, Glendowie
8823	Electricity works (substation)	1094 Great North Road, Point Chevalier
8824	Electricity works (substation)	1A Central Road Kingsland
8825	Electricity works (substation)	83 West Tamaki Road, Glen Innes
8826	Electricity works (substation)	250 Balmoral Road, Sandringham
8827	Electricity works (substation)	3 Chalmers Street, Avondale
8828	Electricity works (substation)	249 Mount Albert Road, Sandringham
8829	Electricity works (substation)	11 McNab Street, Penrose
8830	Electricity works (substation)	62-66 The Drive, Epsom
8831	Electricity transmission purposes: Penrose Portal (Gavin Street), Penrose to Hobson Street tunnel for the purposes of conveying electricity to the CBD	19 Gavin Street, Ellerslie
8832	Electricity works (substation)	111 Mount Wellington Highway, Mount Wellington
8833	Electricity works (substation)	36-38 White Swan Road Mount Roskill
8834	Electricity works (substation)	66-70 Rockfield Road, Penrose
8835	Electricity works (substation)	77 Selwyn Street and Arthur Street intersection, Onehunga
8836	Electricity works (substation)	120 Mays Road, Te Papapa
8837	Electricity works (substation)	805 Great South Road, Mount Wellington
8838	Electricity works (substation)	115 Carbine Road, Mount Wellington
8839	Electricity works (substation)	16 Hans Street, Otahuhu
8840	Electricity works (substation)	21-29 Liverpool Street, Auckland Central
8841	Electricity transmission for the purposes of conveying electricity to the Auckland CBD ...	19 Gavin Street, Ellerslie to 13-21 Hobson Street, Central Auckland
8842	The installation, maintenance, repair, replacement, inspection and operation of one 110kV underground electricity transmission line ...	410 Albany Highway to State Highway 1 (Constellation Drive), Rosedale and along Currys Lane, Wairau Valley
8843	Electricity works (substation)	375 Glenvar Road, Torbay
8844	Electricity works (substation)	135 McLeod Road, Te Atatu South
8845	Electricity works (substation)	8 Woodford Avenue, Henderson
8846	Electricity works (substation)	14 Titirangi Road, New Lynn
8847	Electricity works (substation)	6 Clinker Place, New Lynn

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8848	Electricity works (substation)	15 Waikaukau Road, Glen Eden
8849	Electricity works (substation)	140-142 Henderson Valley Road, Henderson
8850	Electricity works (Henderson Branch Depot)	45-49 Keeling Road, Henderson
8851	Electricity works (substation)	515 South Titirangi Road, Titirangi
8852	Electricity works (substation)	647 West Coast Road, Oratia
8853	Electricity works (substation)	37 Don Buck Road, Massey
8854	Electricity works (substation)	44-50 Sabulite Road, Kelston
8855	Electricity works (substation)	28 Royal View Road, Te Atatu
8856	Electricity works (substation)	1 Trig Road, Whenuapai
8857	Electricity works (substation)	606 Swanson Road, Swanson
8858	Electricity works (substation)	173-183 Triangle Road, Massey
8859	Electricity works (substation)	86 Atkinson Road, Titirangi
8860	Electricity works (substation)	171 Simpson Road, Henderson
8861	Electricity works (substation)	449 Huia Road, Laingholm
8862	Electrical works (substation)	496 Mill Road, Ardmore
8863	Electrical works (substation)	6 Smiths Avenue, Papakura
8864	Electricity works (substation)	32A Red Beach Road, Red Beach
8865	Electricity works (substation)	1 Wyn Close, Kaukapakapa
8866	Electricity works (substation)	Mahurangi East Road (Lot 1 DP 426584), Snells Beach
8867	Electricity works (substation)	1 Don McKinnon Drive, Albany
8868	Electricity works (substation)	179 Bush Road, Rosedale
8869	Electricity works (substation)	59 Andersons Road, Albany
8870	Electricity works (substation)	161-167 Bayswater Avenue, Takapuna
8871	Electricity works (substation)	82A Eskdale, Birkenhead
8872	Electricity works (substation)	5A Balmain Road, Birkenhead
8873	Electricity works (substation)	16-18 Plumer Street, Auckland Central
8874	Electricity works (substation)	13-21 Hobson Street, Auckland Central
8875	Electricity works (substation)	497 East Coast Road, Mairangi Bay
8876	Electricity works (substation)	27 James Street, Glenfield
8877	Electricity works (substation)	220 Kyle Road, Greenhithe
8878	Electricity works (substation)	1B Jutland Road, Takapuna
8879	Electricity works (substation)	18 Highbury Bypass, Birkenhead
8880	Electricity works (substation)	2B East Coast Road, Milford
8881	Electricity works (substation)	51 Lake Road, Northcote
8882	Electricity works (substation)	228 Sunset Road, Mairangi Bay
8883	Electricity works (substation)	27 Northcote Road, Northcote

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8884	Electricity works (substation)	40A Glenvar Road, Torbay
8885	Electricity works (substation)	4A Wairau Road, Takapuna
8886	Electricity works (substation)	53 Carlisle Road, Browns Bay
8887	Electricity works (substation)	248A East Coast Road, Forrest Hill
8888	Electricity works (substation)	29 Huron Street, Takapuna
8889	Electricity works (substation)	Pakiri Block Road (Pt Sec 9 SO 45197), Tomarata
8890	Electricity works (substation)	1423 State Highway 1, Wellsford
8891	Electricity works (substation)	Leigh Road (Pt Allot 31 SO 64696), Big Omaha
8892	Electricity works (substation)	Matakana Road (Pt Allot 37 SO 1150), Warkworth
8893	Electricity works (substation)	23 Dawson Road, Snells Beach
8894	Electricity works (substation)	140 West Hoe Heights, Orewa
8895	Electricity works (substation)	East Coast Road (Pt Allot 207 SO 40267), Silverdale
8896	Electricity works (substation)	42-44 Homestead Road, Whangaparaoa
8897	Electricity works (substation)	91 Gulf Harbour Drive, Hobbs Bay
8898	Electricity works (substation)	52-56 Awaroa and 139-143 Rautawhiri Roads, Helensville
8899	Electricity works (substation)	Horseshoe Bush Road (Pt Allot 141 SO 46462), Dairy Flat
8900	Electricity works (substation)	Glenmore Road (Pt Allot 619 SO 47367), Coatesville
8901	Electricity works (substation)	1 Factory Road, Waimauku
8902	Electricity works (substation)	Riverhead Road (Lot 2 DP 152051), Riverhead
8903	Electricity works (substation)	99 Lincoln Street, Ponsonby
8904	Communications hut (radio)	505 and 509A Dairy Flat Highway (State Highway 17), Lucas Heights
8904	Electrical works (substation)	115 Rosedale Road (Lot 2 DP 459157), Rosedale

8800 Otara Substation

Designation Number	8800
Requiring Authority	Vector Ltd
Location	285 East Tamaki Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 128, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8801 Pakuranga Substation

Designation Number	8801
Requiring Authority	Vector Ltd
Location	10 Udys Road, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 129, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8802 Wiri Substation

Designation Number	8802
Requiring Authority	Vector Ltd
Location	103 Wiri Station Road, Manukau
Rollover Designation	Yes
Legacy Reference	Designation 130, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

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No attachments.

8803 Bairds Substation

Designation Number	8803
Requiring Authority	Vector Ltd
Location	1 Laxon Avenue, Otara
Rollover Designation	Yes
Legacy Reference	Designation 131, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8804 Mangere East Substation

Designation Number	8804
Requiring Authority	Vector Ltd
Location	80 Raglan Street, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 132, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e.no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8805 Flat Bush Substation

Designation Number	8805
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Requiring Authority	Vector Ltd
Location	142 Boundary Road, Otara
Rollover Designation	Yes
Legacy Reference	Designation 133, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8806 South Howick Substation

Designation Number	8806
Requiring Authority	Vector Ltd
Location	39 Whitford Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 134, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8807 Maraetai Substation

Designation Number	8807
Requiring Authority	Vector Ltd
Location	140R-142 Maraetai Drive, Maraetai
Rollover Designation	Yes
Legacy Reference	Designation 135, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8808 Manurewa Substation

Designation Number	8808
Requiring Authority	Vector Ltd
Location	28 Weymouth Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 136, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8809 Greenmount Substation

Designation Number	8809
Requiring Authority	Vector Ltd
Location	15 Nandina Avenue, Greenmount
Rollover Designation	Yes
Legacy Reference	Designation 137, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

8810 Clendon Substation

Designation Number	8810
Requiring Authority	Vector Ltd
Location	418 Roscommon Road, Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 138, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8811 Howick Substation

Designation Number	8811
Requiring Authority	Vector Ltd
Location	72 Hutchinson Road, Howick
Rollover Designation	Yes
Legacy Reference	Designation 139, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8812 Mangere Central Substation

Designation Number	8812
Requiring Authority	Vector Ltd

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Location	2 Canning Crescent, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 140, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8813 Newmarket Substation

Designation Number	8813
Requiring Authority	Vector Ltd
Location	1 Gillies Avenue, Epsom
Rollover Designation	Yes
Legacy Reference	Designation D09-37, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8814 Rosebank Substation

Designation Number	8814
Requiring Authority	Vector Ltd
Location	355 Rosebank Road, Avondale
Rollover Designation	Yes
Legacy Reference	Designation E02-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8815 Mt Albert Substation

Designation Number	8815
Requiring Authority	Vector Ltd
Location	867B New North Rd, Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation E05-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8816 Remuera Substation

Designation Number	8816
Requiring Authority	Vector Ltd
Location	2-4 Minto Road, Remuera
Rollover Designation	Yes
Legacy Reference	Designation E12-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No conditions.

Attachments

No attachments.

8817 St Johns Substation

Designation Number	8817
Requiring Authority	Vector Ltd
Location	60 College Road, St Johns
Rollover Designation	Yes
Legacy Reference	Designation E14-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8818 Freemans Bay Substation

Designation Number	8818
Requiring Authority	Vector Ltd
Location	98 Franklin Road, Freemans Bay
Rollover Designation	Yes
Legacy Reference	Designation B07-35, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8819 Newton Substation

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Designation Number	8819
Requiring Authority	Vector Ltd
Location	12 Dundonald Street, Eden Terrace
Rollover Designation	Yes
Legacy Reference	Designation C08-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8820 Parnell Substation

Designation Number	8820
Requiring Authority	Vector Ltd
Location	27-29 Ruskin Street, Parnell
Rollover Designation	Yes
Legacy Reference	Designation C10-29, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8821 Orakei Substation

Designation Number	8821
Requiring Authority	Vector Ltd
Location	4 Thatcher Street, Mission Bay
Rollover Designation	Yes

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Legacy Reference	Designation C13-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8822 St Heliers Substation

Designation Number	8822
Requiring Authority	Vector Ltd
Location	58-60 Kesteven Avenue, Glendowie
Rollover Designation	Yes
Legacy Reference	Designation C16-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8823 Point Chevalier Substation

Designation Number	8823
Requiring Authority	Vector Ltd
Location	1094 Great North Road, Point Chevalier
Rollover Designation	Yes
Legacy Reference	Designation D05-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8824 Kingsland Substation

Designation Number	8824
Requiring Authority	Vector Ltd
Location	1A Central Road, Kingsland
Rollover Designation	Yes
Legacy Reference	Designation D07-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8825 Glen Innes Substation

Designation Number	8825
Requiring Authority	Vector Ltd
Location	83 West Tamaki Road, Glen Innes
Rollover Designation	Yes
Legacy Reference	Designation D15-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

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Attachments

No attachments.

8826 Balmoral Substation

Designation Number	8826
Requiring Authority	Vector Ltd
Location	250 Balmoral Road, Sandringham
Rollover Designation	Yes
Legacy Reference	Designation E07-20, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8827 Avondale Substation

Designation Number	8827
Requiring Authority	Vector Ltd
Location	3 Chalmers Street, Avondale
Rollover Designation	Yes
Legacy Reference	Designation F04-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8828 Sandringham Substation

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Designation Number	8828
Requiring Authority	Vector Ltd
Location	249 Mount Albert Road, Sandringham
Rollover Designation	Yes
Legacy Reference	Designation F06-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8829 McNab Substation

Designation Number	8829
Requiring Authority	Vector Ltd
Location	11 McNab Street, Penrose
Rollover Designation	Yes
Legacy Reference	Designation G12-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8830 The Drive Substation

Designation Number	8830
Requiring Authority	Vector Ltd
Location	62-66 The Drive, Epsom
Rollover Designation	Yes

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Legacy Reference	Designation F09-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8831 Penrose Portal

Designation Number	8831
Requiring Authority	Vector Ltd
Location	19 Gavin Street, Ellerslie
Rollover Designation	Yes
Legacy Reference	Designation F12-42, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission purposes: Penrose Portal (Gavin Street), Penrose to Hobson Street tunnel for the purposes of conveying electricity to the CBD.

Conditions

1. General

1.1 Except as modified by the conditions below, the work shall be undertaken in general accordance with the information provided by Vector at the hearing; the notice of requirement and supporting documents, namely: "Electricity Reinforcement Project, Tunnel to Auckland Central Business District, Assessment of Environmental Effects", February 1996, Tonkin and Taylor Ltd, and the associated Addendum dated 8 March 1996.

1.2 All activities, works and buildings not able to be fully disclosed in the notice of requirement (including the associated Assessment of Effects) and not provided for as a permitted activity shall be the subject of either:

- A new notice of requirement, which shall be publicly notified, pursuant to Section 168 of the Resource Management Act; or
- A notice to alter the designation, pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of Section 181(3) of the Act; or
- A resource consent.

1.4 During the construction of the tunnel and associated works this designation shall include that area of the Transpower site at Penrose ("All that parcel of land containing 7.7452 hectares more or less being Lot 1

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Deposited Plan 141417 situated in Block 1 Otahuhu Survey District" being all the land comprised in Certificate of Title 83D/707 North Auckland Registry) ("Transpower Site") which is shown as shaded on the attached plan marked "A" together with the land for the tunnel alignment.

1.5 On the completion of construction Vector shall advise in writing the Council's Manager - Regional and Local Planning and Transpower that construction is complete. On the date on which this advice is given the extent of this designation as it relates to the Transpower Site shall be reduced to the area which is shown as shaded on the attached plan marked "B", together with the land for the tunnel alignment.

1.6 The design of the tunnel and associated works shall be sufficient to ensure that the tunnel structure lasts for a minimum life of 200 years.

1.7 The tunnel shall be constructed in such a way as to prevent damage, loss of amenity or injury to people, buildings, and other property due to erosion, subsidence, or loss of support of the land adjacent to the tunnel.

1.8 When the tunnel, or any length of it, is no longer required, the length no longer required shall be backfilled to prevent subsidence.

1.9 All heated air and contaminated air from the tunnel and associated work shall be disposed of in a way which avoids creating a nuisance or hazard to people and other property.

1.10 The cables and associated equipment shall be designed, installed, and operated so as to, as far as practicable, minimise public exposure to electric and magnetic fields.

1.11 Upon request from Council, at no lesser intervals than annually, Vector shall provide written confirmation that the maximum levels of the electric and magnetic fields set out in the AEE are not exceeded.

1.12 Dust arising from construction activities shall be suppressed by the use of water sprays and other appropriate methods so as to prevent nuisance to adjacent occupiers and landowners.

1.13 Prior to the commencement of construction at each of the following tunnel sites, management plans shall be produced to the satisfaction of the Council's Manager - Resource Consents regulating construction activities at the Penrose Portal, Ellerslie Portal, Newmarket Portal, Liverpool substation, and Hobson substation. The management plans shall address the following issues:

- a. Traffic movements;
- b. Dust, including the effect of dust on the operation of electrical equipment at the Penrose site;
- c. Stock piling and storage of excavated material;
- d. Storage of construction equipment;
- e. Hours of operation by trucks;
- f. The effect of any vibration on sensitive plant (whether from blasting or otherwise) such as printing presses, and electrical equipment at the Transpower site;
- g. Wheel wash facilities;
- h. Screening of construction activities from residential properties and public places;
- i. Parking of workers' vehicles;
- j. Security fencing;
- k. Lighting in relation to adjacent residential properties.

1.14 Without limiting the effect of Condition 1.13 above the management plan relating to the Penrose Portal shall comply with Conditions 6.19 and 6.20.

1.15 All internal and external Council costs of monitoring the conditions are to be borne by the requiring authority.

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1.16 Vector shall not permit access to the tunnel for use by any third party which would negate the opportunity for Vector, Trans Power New Zealand Limited, Power New Zealand Limited, Northpower Limited and/or Top Energy Limited (or their successors) to use the tunnel for the purpose of installing transmission lines at a voltage at or exceeding 110 kV and up to 220 kV, without first advising each of such companies.

2. Noise (Excluding Blasting)

2.1 During the period of tunnel construction the daytime (7.30am to 8.00pm) L10 noise levels measured at 1m from the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A" and which is not zoned business activity shall not exceed 70 dBA.

2.1A For the Penrose and Hobson sites only.

During the period of tunnel construction the day time (7.00am to 8.00pm) L10 noise levels measured at 1m for the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A" and which is not zoned business activity shall not exceed 70 dBA.

2.2 During the period of tunnel construction the night time (8.00pm to 7.30am) noise levels as measured at 1m from the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A" and which is not zoned business activity shall not exceed 45 dBA L10 and a maximum level (Lmax) of 75 dBA.

2.2A For the Penrose and Hobson sites only

During the period of tunnel construction the night time noise levels as measured at 1m from the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A" and which is not zoned business activity shall not exceed the following noise levels and a maximum level (Lmax) of 75 dBA:

Penrose site:

Monday to Saturday	8.00 pm to 11.00 pm	60 dBA L10
Monday to Saturday	11.00 pm to 7.00 am	50 dBA L10
Sunday night to Monday morning	8.00 pm to 7.00 am	45 dBA L10

Hobson Site:

Monday to Saturday	8.00 pm to 9.00 pm	60 dBA L10
Monday to Saturday	9.00 pm to 11.00 pm	55 dBA L10
Monday to Saturday	11.00 pm to 5.00 am	55 dBA L10
Monday to Saturday	5.00 am to 7.00 am	55 dBA L10
Sunday night to Monday morning	8.00 pm to 7.00 am	55 dBA L10

Other sites:

Unless otherwise stated all other sites shall comply with the noise levels contained in Conditions 2.1 and 2.2.

2.2B That, on confirmation by a Council Noise Control Officer that noise complaints received are correctly attributed to activities associated with the Tunnel project, Vector will undertake whatever steps are necessary to ensure that night time noise levels at the Hobson site comply with Condition 2.2A, and will undertake whatever monitoring the Council may reasonably require. Records shall be made available to the Council on request.

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2.3 During the period of tunnel construction, subject to Conditions 2.1 and 2.2 above, the L10 noise level generated by the project as measured at any time at 1m from the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A", and which has a business activity zoning shall not exceed 80 dBA.

2.4 All plant associated with the long term operation of the tunnel (not including Transpower's operations at the Transpower site) is to be designed, constructed, and maintained to ensure that the following noise levels are not exceeded:

a. Noise measured at or within the boundary of any property except those with a business activity zoning:

Monday to Saturday	7.00am-10.00pm	L10 55 dBA
Sunday and Public Holidays	9.00am-6.00pm	L10 55 dBA
	At all other times	L10 45 dBA Lmax 75 dBA, or background (L95) plus 30 dBA, whichever is the lower

b. Noise measured at any time at or within the boundary of any property zoned business activity: L10 65 dBA.

2.5 Measurement and assessment shall be in accordance with the requirements of NZS 6801:1999 "Measurement of Environmental Sound" and NZS 6802:1999 "Assessment of Environmental Noise". The noise shall be measured with a sound level meter complying at least with the International Standard IEC 651 (1979): Sound Level Meters, Type 1.

3. Blasting

3.1 For the purpose of Conditions 3.1A - 3.8 blasting means the use of explosives to loosen or dislodge rock material.

3.1 A Prior to blasting within the tunnel, Vector shall give at least 12 hours written notice of the location and timing of the blast(s) to the following parties:

- a. Occupants of buildings within 100m of the blast site; and
- b. The Manager, Resource Consents and Compliance.

3.2 Notwithstanding Condition 3.1 hereof trial blasting shall be undertaken in accordance with Conditions 6.1 - 6.4 inclusive.

3.3 Blasting activities shall be so controlled as to ensure that any ground vibration as the result of any blasting will not adversely affect the structural stability of any building or structure including electrical equipment (that is not connected with the site covered by this designation) or cause a reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full story of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3:1986 "Structural Vibration in Buildings - Effect on Structures", will be deemed to meet these requirements. Peak particle velocity means the maximum particle velocity in any of the three mutually perpendicular directions. The units are millimetres per second (mm/s).

3.4 The noise created by the use of explosives for blasting shall either not exceed a peak overall sound pressure level of 128 dB (ie a peak over pressure of 0.05 kPa) or alternatively the noise shall not exceed a peak sound level of 122 dBC. The measurement shall be made in either case at 1m from the most exposed window or door of any occupied building (that is not connected with the Transpower site).

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3.5 The maximum number of blasts shall be limited to three times per day per location. The locations are on land included in this designation and comprise the following places where the tunnel exits to ground level: Hobson substation, Liverpool substation, Newmarket portal, Ellerslie egress shaft and Penrose portal.

3.6 Except with the permission of Manager - Resource Consents and Compliance, and subject to Condition 3.5, blasting for the Penrose Portal shall only occur between the hours of 7.30am and 8.00pm Monday to Sunday and no blasting shall occur on public holidays.

3.7 Except with the permission of Manager - Resource Consents and Compliance, blasting at all other tunnel sites shall only occur between the hours of 7.30am and 8.00pm Monday to Saturday and no blasting shall occur on Sundays and public holidays.

3.8 Vector will take whatever steps are necessary to ensure that blasting complies with Conditions 3.3 and 3.4, and will undertake whatever monitoring the Council may reasonably require. Records shall be made available to Council on request. The monitoring sites and methods shall be agreed with Manager - Resource Consents and Compliance prior to the commencement of work.

3.9 The requirement for monitoring and recording may be relaxed at the discretion of Manager - Resource Consents and Compliance after Vector has provided written evidence of consultation by Vector with Transpower in respect of the Trans Power Site if it is considered that the noise and vibration level from blasting at any one location has decreased sufficiently. Any blast undertaken on Sundays and public holidays, or between the hours of 8.00pm and 7.30am, shall be monitored.

4. Vibration

4.1 Activities other than blasting shall not generate vibrations which may cause discomfort or adversely affect the health and well being of the occupants of premises outside the designation as shown on the attached plan marked "A" during construction and the attached plan marked "B" after construction is completed. Vibrations which do not exceed the limits referred to below as set out in the provisions of International Standard ISO 2631-2:1989 "Evaluation of human exposure to whole body vibration - Part 2 Continuous and shock-induced vibration in buildings (1 to 80 Hz)" will be deemed to meet this requirement. These particular limits are that the vibration levels (acceleration measured in metres per second) relative to the frequency shall not exceed the base curves of Figure 2A (z axis), 3a (x, y and z axes) and 4a (combined x, y and z axes) of ISO 2631-2:1989.

4.2 The assessment of continuous, intermittent and transient (impulsive) vibrations shall be carried out by a suitably qualified and experienced person in accordance with Annex A and Table 2 of ISO 2631-2:1989.

4.3 The instruments used to measure vibrations and the methods of measurement shall comply with a recognised standard such as Australian Standard AS 2973:1987 Vibration and Shock - Human response.

4.4 Subject to Conditions 4.5 and 6.2, Manager: City Planning may approve vibration levels above the standards specified in Condition 4.1 where he/she is satisfied that they are necessary for construction or demolition work of a limited duration.

4.5 All tunnel construction activities shall be so controlled as to ensure that any ground vibration created will not adversely affect the structural stability of any building or structure (that is not connected with the land covered by this designation) or cause a reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3: 1986 "Structural Vibration in Buildings - Effects on Structures", will be deemed to meet these requirements. Such monitoring as is necessary to ensure compliance with this condition shall be undertaken. Records shall be made available to the Council on request.

5. Traffic

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5.1 On site manoeuvring for trucks shall be provided so that no reverse manoeuvring onto the street will occur at any of the tunnel sites.

5.2 Wheel-wash facilities shall be provided for all trucks exiting the tunnel sites so that no excavation material is tracked onto the streets.

5.3 Vector will undertake measures to keep the roads in the vicinity of the tunnel construction sites free from any debris resulting from the construction work.

5.4 Programming of truck movements shall be arranged so that trucks do not wait or queue on the street other than for normal traffic movements when their way is obstructed by opposing traffic. The movements of trucks and other construction traffic shall be regulated in accordance with the management plans referred to in Condition 1.13.

5.5 Hobson Portal

a. There shall be no right turn movements into Fanshawe Street for trucks leaving the site at any time. There shall be no right turn movements from vehicles entering the site from Fanshawe Street between the hours of 4.30pm to 6.00pm, Monday to Friday.

b. The right turn pocket on Fanshawe St shall be widened and lengthened by Vector in accordance with the attached sketch plan 2289/2 by Traffic Design Group (see B08-03(d)) in order to facilitate the right turn movement of trucks during permitted hours. The costs of these roadworks are to be borne by Vector.

c. A sign to warn Fanshawe St traffic of slow trucks merging shall be installed to the satisfaction of the Manager - Resource Consents and Compliance.

5.6 Newmarket Portal

a. The primary truck routes to and from the site shall be as indicated in the attached plan B08-03(c) being Figure 6, page 16 of the report entitled Assessment of Effects on the Environment: Traffic, January 1996, Traffic Design Group, or such alternative truck routes as agreed by Council as part of the management plan required under Condition 1.13.

5.7 Penrose Portal

a. Right turn movements of trucks at the Gavin St/Penrose Rd intersection shall not be permitted between 7.00am to 9.00am and 4.00pm to 6.00pm, Monday to Friday.

b. There shall be no use by heavy construction vehicles of the northern section of Gavin St which serves residential zoned properties, or of any of Eaglehurst Road.

5.8 Liverpool Street Substation

a. No trucks shall be permitted to use City Rd or Liverpool St between Karangahape Rd and Turner St.

6. Penrose Site

Wilson and Horton Limited

6.1 Notwithstanding the requirements of Conditions 3.3, the following conditions shall apply in respect of the Herald printing press site owned by Wilson and Horton:

a. That vibration at the boundary of the Herald site during the construction of the Penrose Portal shall not exceed 5mm per second or half of any vibration level that is found to interfere with the operation or printing quality of presses on the Herald site, whichever is the lesser;

b. Subject to the requirements of Condition 3.6 and the requirements as to trial blasting in Condition 6.4 hereof, the first blast following the completion of trial blasting at the Penrose Portal and as many subsequent blasts as possible shall occur between the hours of 3.30pm on Saturday and 10.30pm on Sunday;

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c. That Vector shall prior to the commencement of the construction of the Penrose Portal install and monitor equipment where agreed with Wilson & Horton to gauge the level of vibration experienced at the Herald site as a result of blasting. If Vector and Wilson & Horton are unable to reach agreement, then monitoring shall occur at the direction of the Manager: City Planning. Records shall be made available to the Council on request; and

d. That if monitoring at any stage shows a level of vibration induced by the tunnel blasting which is interfering with an accepted standard of print register for those presses, then Vector shall use an alternative method of excavation which does not interfere with the printing process; or blast only between the hours of 3.30pm Saturday and 10.30pm Sunday (subject to the Condition 3.6 hereof).

Transpower New Zealand Limited

Transpower New Zealand Limited

6.2 Vector shall undertake the construction of the tunnel, portal and associated equipment (including plant room) at the Transpower site in such a manner that avoids as far as practicable a level of vibration induced by such activities which causes or is likely to cause a partial or total shut down of transmission of electricity through the substation.

6.3 Prior to the commencement of construction, Vector shall undertake trial blasting and trial truck movements for the purpose of determining levels of vibration which, if not exceeded, would ensure that the obligation arising under Condition 6.2 hereof is satisfied. Such trials shall be undertaken in the presence of a representative or representatives of Transpower New Zealand Limited. Records shall be made available to the Council on request.

6.4 Such trial blasts as required by Condition 6.3, shall occur between the hours of 3:30 pm to 6:00 pm Saturday and 9:00 am to 6:00 pm Sunday over four consecutive weekends. Three days notice of such trial blasting shall be given to the Manager - Resource Consents and Compliance

6.5 Vector shall install equipment for the purpose of measuring and monitoring the level of vibration induced at Trans Power's Penrose substation site as a result of construction, the location of such equipment to be agreed with Transpower New Zealand Ltd. If Vector and Transpower are unable to reach agreement about the location, such monitoring shall be undertaken as required by the Manager - Resource Consents and Compliance, Auckland Council. Records shall be made available to Council on request.

6.6 In the event that the monitoring undertaken pursuant to Condition 6.4 hereof indicates that levels of vibration induced by construction activities have resulted in or are likely to result in a failure to comply with Condition 6.2 hereof, Vector shall adopt alternative methods to ensure that Condition 6.2 is satisfied.

Dust

6.7 Vector shall undertake the construction of the tunnel, portal and associated equipment (including plant room) at the Transpower site in such a manner that avoids as far as practicable the generation of dust from such activities which causes or is likely to cause a partial or total shutdown of transmission of electricity through the substation.

6.8 Without limiting the effect of Condition 6.7, no construction activity shall generate more than 60 micrograms per cubic metre of dust or air suspended particulate matter, as measured over any 5 day period at the boundary of the Transpower site.

6.9 Any measures adopted to remedy the effects of dust generation (including live line washing) shall be undertaken so as to avoid or mitigate as far as practicable any potential adverse effects of such activities on adjacent residential properties in Gavin Street.

6.10 Vector shall undertake monitoring of any dust generated by construction activities, for the purpose of determining whether Conditions 6.7 and 6.8 hereof are being complied with. Monitoring will be undertaken daily for the first month of tunnel blasting (not including any trial blasting). Further monitoring shall be undertaken

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during the construction period to determine compliance with Conditions 6.7 and 6.8 hereof as appropriate or as a result of any complaints by owners and/or occupiers of adjoining residential properties. The further monitoring shall be at the discretion of the Manager: City Planning. Copies of the monitoring results shall be provided to Trans Power. Records shall be made available to Council on request.

6.11 In the event that the monitoring undertaken in accordance with Condition 6.10 hereof indicates a failure to comply with Conditions 6.7 and 6.8 hereof, Vector shall adopt alternative methods to ensure that those conditions are satisfied.

Visual

6.12 Any visual effects of construction activities on adjoining residential properties in Gavin Street, including the effects of any stockpile, shall be minimised.

6.13 Without limiting Condition 6.12, prior to the commencement of other work on the site Vector shall construct an acoustical fence of a height not less than 1.8 metres (being at least a concrete block wall of a single block width) on Trans Power's site, in the location shown on the attached plan marked "A".

6.14 As soon as practicable after construction of the fence referred to in paragraph 6.13 hereof, permanent landscaping of the area between this fence and the boundary of adjacent residential properties in Gavin Street shall be undertaken, to the satisfaction of the Manager - Resource Consents and Compliance.

Access

6.15 The construction area shall be separated from the balance of Transpower's site by an appropriate security fence.

6.16 The only access and egress to the construction site shall be via a gate as shown on the attached plan marked "A" as Transpower's Gate 2 on Gavin Street.

Management Plan

6.17 Condition 1.13 shall apply to any management plan developed under Conditions 6.19 and 6.20 below.

6.18 Vector shall, at least 20 working days before the commencement of construction on the Transpower site, submit to the Manager - Resource Consents and Compliance, for approval, a Penrose Portal and Plantroom Construction Management Plan for the land as shown on the attached plan marked "A" setting out:

- a. Portal and plantroom design details (including site development, landscaping, and access details), construction plans and methods, and proposed maintenance methods and practices.
- b. The manner in which the requirements of the above Conditions relating to vibration, dust, lighting and access are to be complied with and shall include a driver awareness programme.

6.19 The Management Plan submitted in accordance with Condition 6.18 here of shall:

- a. Be to a standard satisfactory to the Manager - Resource Consents and Compliance, Auckland City Council.
- b. Be prepared in consultation with Transpower New Zealand Limited.
- c. Contain a statement from Trans Power acknowledging that consultation in accordance with paragraph (b) hereof has been undertaken.

6.20 The Council shall approve the plan or advise Vector of any recommended amendments thereto or additional information required within 10 working days of the receipt of the Management Plan.

6.21 The portal and plantroom and associated activities shall be constructed in general accordance with the requirements of the Management Plan approved by the Council.

7. Liverpool Street and Hobson Street Sites

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7.1 Prior to the installation of transformers at these sites, a hazard mitigation plan shall be produced for the transformers at the Liverpool and Hobson substations to the satisfaction of Manager - Resource Consents and Compliance. The plan shall cover operating and maintenance procedures to prevent oil leaks from contaminating the environment and detail cleanup procedures including disposal of any wastes in the event of an oil leak.

7.2 An archaeologist shall be present during the initial stages of work at Liverpool St and Hobson St egresses. The archaeologist shall remain at the sites until the archaeologist considers his/her presence is no longer required. The archaeologist shall advise the Manager - Resource Consents and Compliance in writing when his/her attendance is no longer required.

7.4 Prior to any building occurring across the boundaries of Lot 1 DP 112657, Lot 1 51978 and Lot 1 DP 52038 in conjunction with the extension to the Liverpool St substation, the affected Certificates of Title shall be held together in such a way they cannot be dealt with separately without the prior written consent of Council.

7.5 Prior to commencing work under Hobson St:

- a. Vector, in consultation with a representative of the Roman Catholic Bishop of Auckland, shall arrange for establishment of survey measuring points at St Patrick's Cathedral and the Cathedral Presbytery; and
- b. Vector shall participate with the Bishop's representative in updating the existing survey of the physical condition of St Patrick's Cathedral

7.6 The survey measuring points established in accordance with Condition 7.5(a) above shall be surveyed regularly by an independent surveyor during construction works until sufficient time has elapsed to give a high level of confidence that no deformations are likely to occur .

7.7 The survey measurements taken in accordance with Conditions 7.5(a) and 7.6 above shall be supplied to the Roman Catholic Bishop of Auckland and to Manager - Resource Consents and Compliance.

7.8 If the survey measurements taken in accordance with Conditions 7.5(a) and 7.6 above indicate that movement has occurred then Vector shall, in conjunction with the Bishop's representative, resurvey St Patrick's Cathedral and any new physical damage which is verified by an independent engineer as being caused by the construction of the tunnel shall be rectified at Vector's expense.

7A. Hazardous Substances

7A.1 The storage and use of hazardous substances at the Hobson, Newmarket, and Penrose Portals shall be in accordance with the "Vector Tunnel Project Hazardous Substances Assessment of Environmental Effects" undertaken by Tonkin and Taylor Ltd and dated May 1999.

7A.2 The areas of the Hobson, Newmarket and Penrose Portals immediately involved in the storage, loading, unloading, using or otherwise handling of waste and other hazardous substances, shall be protected by spill containment systems that shall comply with the following:

- a. Be constructed of impervious material that are resistant to the hazardous substances involved;
- b. Be able to contain the maximum volume of the largest tank used; and
- c. Be designed, constructed and managed so that any spill or release of any hazardous substance and any stormwater that may have entered and become contaminated in the spill containment system is prevented from entering the stormwater system and is prevented from discharging into or onto the land or groundwater, any water body, or potable water supply.

7A.3 Prior to construction of the spill containment systems referred to in Condition 7A.2 above, Vector shall produce a spill contingency plan, an emergency evacuation plan, a health and safety plan, and a fire safety plan for the Hobson, Newmarket and Penrose Portals to the satisfaction of Council. Vector shall comply with these plans at all times.

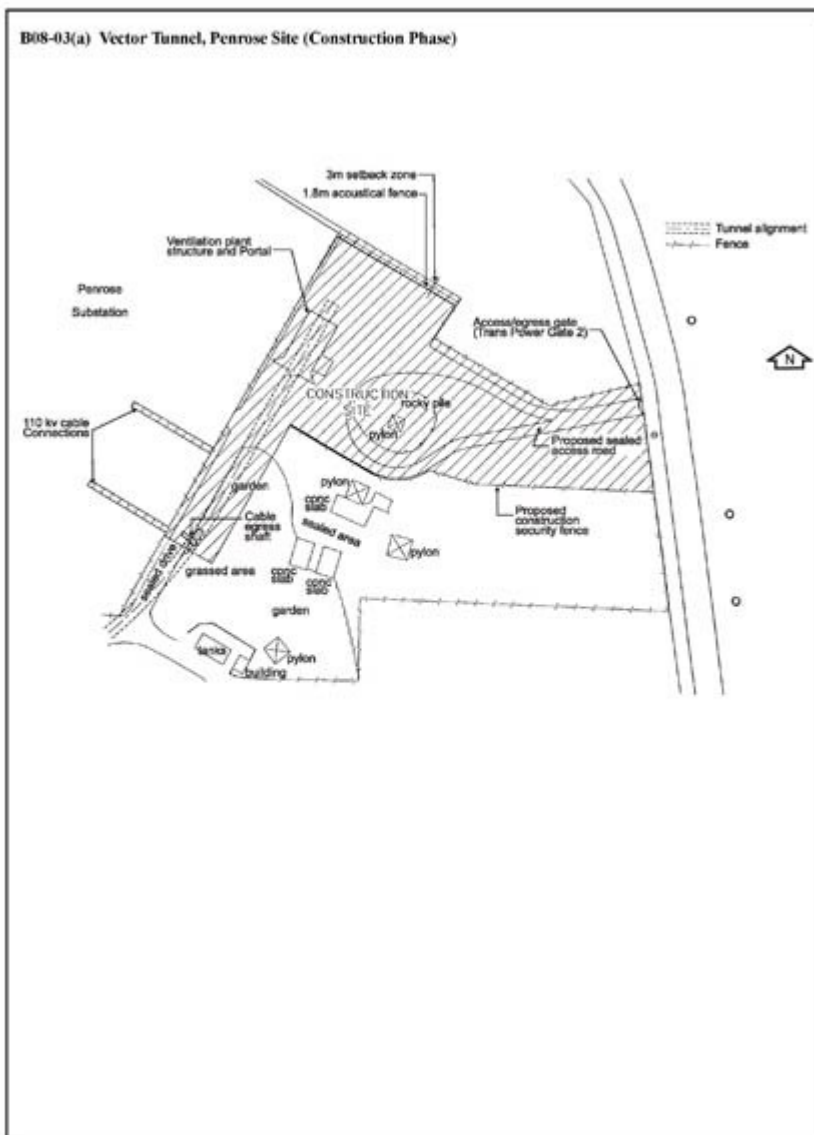
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Advice Notes

1. The requiring authority needs to obtain all other necessary consents and permits, including those under the Building Act 1991, and comply with all relevant Council bylaws.
2. The Penrose substation site is subject to an existing Transpower designation (Penrose Substation) and an existing Council designation (Proposed Accessway, Gavin St to McNab St Subway). As such the Vector designation is to be identified as the later designation in the District Plan. The provisions of Section 177 of the Resource Management Act 1991 apply accordingly.

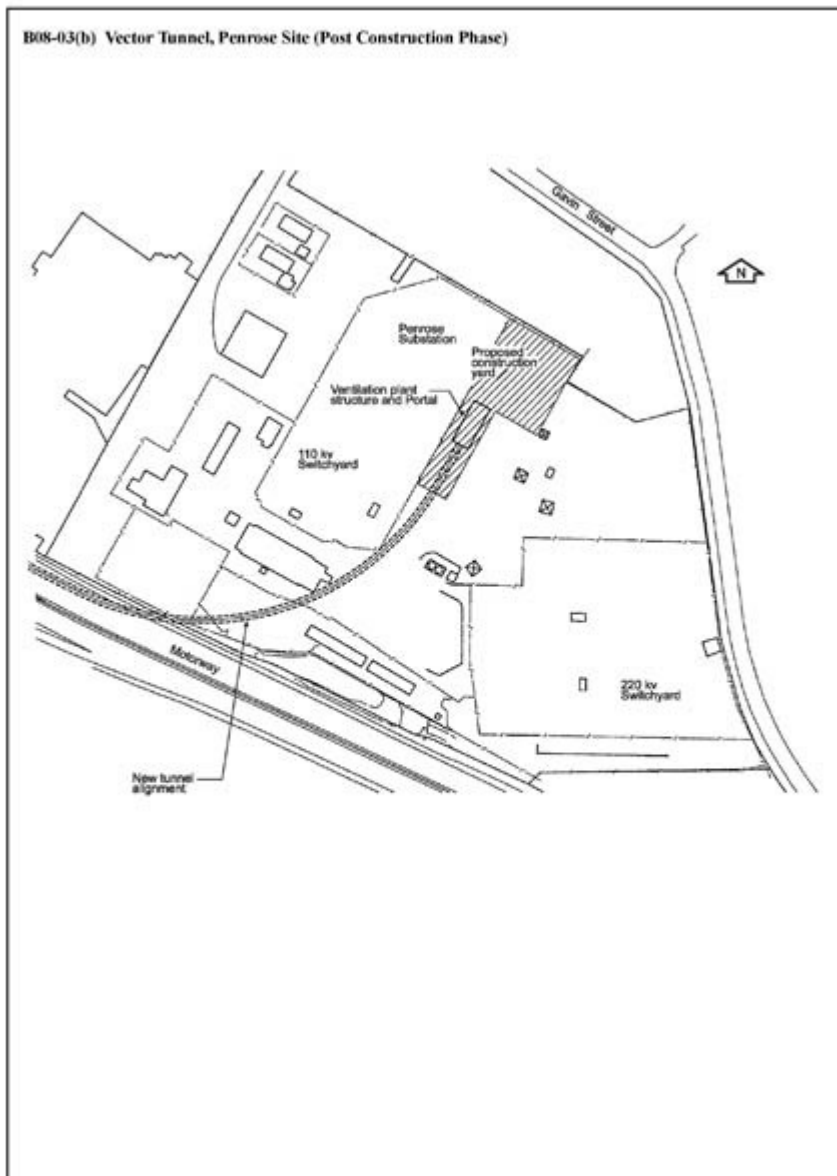
Attachments

B08-03(a) Vector Tunnel, Penrose Site (Construction Phase)



B08-03(b) Vector Tunnel, Penrose Site (Post Construction Phase)

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8832 Mt Wellington Substation

Designation Number	8832
Requiring Authority	Vector Ltd
Location	111 Mount Wellington Highway, Mount Wellington
Rollover Designation	Yes
Legacy Reference	Designation F14-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

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No conditions.

Attachments

No attachments.

8833 White Swan Substation

Designation Number	8833
Requiring Authority	Vector Ltd
Location	36-38 White Swan Road, Mount Roskill
Rollover Designation	Yes
Legacy Reference	Designation G05-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity substation purposes.

Conditions

No conditions.

Attachments

No attachments.

8834 Rockfield Substation

Designation Number	8834
Requiring Authority	Vector Ltd
Location	66-70 Rockfield Road, Penrose
Rollover Designation	Yes
Legacy Reference	Designation G11-12, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8835 Onehunga Substation

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Designation Number	8835
Requiring Authority	Vector Ltd
Location	77 Selwyn Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H09-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8836 Te Papapa Substation

Designation Number	8836
Requiring Authority	Vector Ltd
Location	120 Mays Road, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H11-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8837 Westfield Substation

Designation Number	8837
Requiring Authority	Vector Ltd
Location	805 Great South Road, Mount Wellington
Rollover Designation	Yes

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Legacy Reference	Designation H13-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8838 Carbine Substation

Designation Number	8838
Requiring Authority	Vector Ltd
Location	115 Carbine Road, Mount Wellington
Rollover Designation	Yes
Legacy Reference	Designation H14-12, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8839 Hans Substation

Designation Number	8839
Requiring Authority	Vector Ltd
Location	16 Hans Street, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J13-10, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8840 Liverpool Substation

Designation Number	8840
Requiring Authority	Vector Ltd
Location	21-29 Liverpool Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 286, Auckland Council District Plan (Central Area Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity substation purposes.

Conditions

1. The work shall be undertaken in general accordance with Plans Ref.58201 A055, dated 21.08.97, and A130 and A131 dated July 97. No outline plan shall be required under Section 176A of the Resource Management Act 1991 for work undertaken in general accordance with these Plans.

Attachments

No attachments.

8841 Penrose to Hobson Street Tunnel

Designation Number	8841
Requiring Authority	Vector Ltd
Location	19 Gavin Street, Ellerslie to 13-21 Hobson Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 288, Auckland Council District Plan (Central Area Section) 2005; and Designation B08-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity transmission for the purposes of conveying electricity to the Auckland CBD.

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The construction, operation and maintenance of:

- a. An underground tunnel from Transpower New Zealand Limited's ("Transpower") existing substation at Gavin Street, Penrose, to Vector Limited's ("Vector") existing substations at Liverpool Street and Hobson Street for the purpose of conveying electricity to the Auckland Central Business District ("CBD"), together with all ancillary and related infrastructure including portals and ventilation fans. The tunnel will contain electric cables, with a maximum anticipated capacity of three 220kV circuits of 500MVA each and ancillary equipment;
- b. Electric cables contained within the tunnel. It is initially proposed to install two circuits of 110kV circuits at 230MVA each, and ancillary equipment. It is intended to upgrade the electricity supply carried through the tunnel over the next 10-20 years in response to load growth and other alterations to the network. It is anticipated that any future upgrades will result in a maximum capacity of three 220kV circuits at 500MVA each and ancillary equipment; and
- c. The construction and operation of a building containing 110kV and future 220kV gas insulated switch gear and three future 220/110kV transformers at an extension to Vector's Liverpool substation site.

Conditions

1. General

1.1 Except as modified by the conditions below, the work shall be undertaken in general accordance with the information provided by Vector at the hearing; the notice of requirement and supporting documents, namely: "Electricity Reinforcement Project, Tunnel to Auckland Central Business District, Assessment of Environmental Effects", February 1996, Tonkin and Taylor Ltd, and the associated Addendum dated 8 March 1996.

1.2 All activities, works and buildings not able to be fully disclosed in the notice of requirement (including the associated Assessment of Effects) and not provided for as a permitted activity shall be the subject of either:

- a. A new notice of requirement, which shall be publicly notified, pursuant to Section 168 of the Resource Management Act; or
- b. A notice to alter the designation, pursuant to section 181 of the Resource Management Act, which notice shall be publicly notified unless the alteration is minor and the affected persons agree in accordance with the provisions of Section 181(3) of the Act; or
- c. A resource consent.

1.4 During the construction of the tunnel and associated works this designation shall include that area of the Transpower site at Penrose ("All that parcel of land containing 7.7452 hectares more or less being Lot 1 Deposited Plan 141417 situated in Block 1 Otahuhu Survey District" being all the land comprised in Certificate of Title 83D/707 North Auckland Registry) ("Transpower Site") which is shown as shaded on the attached plan marked "A" together with the land for the tunnel alignment.

1.5 On the completion of construction Vector shall advise in writing the Manager - Regional and Local Planning and Transpower that construction is complete. On the date on which this advice is given the extent of this designation as it relates to the Transpower Site shall be reduced to the area which is shown as shaded on the attached plan marked "B", together with the land for the tunnel alignment.

1.6 The design of the tunnel and associated works shall be sufficient to ensure that the tunnel structure lasts for a minimum life of 200 years.

1.7 The tunnel shall be constructed in such a way as to prevent damage, loss of amenity or injury to people, buildings, and other property due to erosion, subsidence, or loss of support of the land adjacent to the tunnel.

1.8 When the tunnel, or any length of it, is no longer required, the length no longer required shall be backfilled to prevent subsidence.

1.9 All heated air and contaminated air from the tunnel and associated work shall be disposed of in a way which

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avoids creating a nuisance or hazard to people and other property.

1.10 The cables and associated equipment shall be designed, installed, and operated so as to, as far as practicable, minimise public exposure to electric and magnetic fields.

1.11 Upon request from Council, at no lesser intervals than annually, Vector shall provide written confirmation that the maximum levels of the electric and magnetic fields set out in the AEE are not exceeded.

1.12 Dust arising from construction activities shall be suppressed by the use of water sprays and other appropriate methods so as to prevent nuisance to adjacent occupiers and landowners.

1.13 Prior to the commencement of construction at each of the following tunnel sites, management plans shall be produced to the satisfaction of the Manager: Resource Consents and Compliance regulating construction activities at the Penrose Portal, Ellerslie Portal, Newmarket Portal, Liverpool substation, and Hobson substation. The management plans shall address the following issues:

- a. Traffic movements;
- b. Dust, including the effect of dust on the operation of electrical equipment at the Penrose site;
- c. Stock piling and storage of excavated material;
- d. Storage of construction equipment;
- e. Hours of operation by trucks;
- f. The effect of any vibration on sensitive plant (whether from blasting or otherwise) such as printing presses, and electrical equipment at the Transpower site;
- g. Wheel wash facilities;
- h. Screening of construction activities from residential properties and public places;
- i. Parking of workers' vehicles;
- j. Security fencing;
- k. Lighting in relation to adjacent residential properties.

1.14 Without limiting the effect of Condition 1.13 above the management plan relating to the Penrose Portal shall comply with Conditions 6.19 and 6.20.

1.15 All internal and external Council costs of monitoring the conditions are to be borne by the requiring authority.

1.16 Vector shall not permit access to the tunnel for use by any third party which would negate the opportunity for Vector, Trans Power New Zealand Limited, Power New Zealand Limited, Northpower Limited and/or Top Energy Limited (or their successors) to use the tunnel for the purpose of installing transmission lines at a voltage at or exceeding 110 kV and up to 220 kV, without first advising each of such companies.

2. Noise (Excluding Blasting)

2.1 During the period of tunnel construction the daytime (7.30am to 8.00pm) L10 noise levels measured at 1m from the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A" and which is not zoned business activity shall not exceed 70 dBA.

2.1A For the Penrose and Hobson sites only.

During the period of tunnel construction the day time (7.00am to 8.00pm) L10 noise levels measured at 1m for the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A" and which is not zoned business activity shall not exceed 70 dBA.

2.2 During the period of tunnel construction the night time (8.00pm to 7.30am) noise levels as measured at 1m

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from the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A" and which is not zoned business activity shall not exceed 45 dBA L10 and a maximum level (Lmax) of 75 dBA.

2.2A For the Penrose and Hobson sites only

During the period of tunnel construction the night time noise levels as measured at 1m from the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A" and which is not zoned business activity shall not exceed the following noise levels and a maximum level (Lmax) of 75 dBA:

Penrose Site:

Monday to Saturday	8.00 pm to 11.00 pm	60 dBA L10
Monday to Saturday	11.00 pm to 7.00 am	50 dBA L10
Sunday night to Monday morning	8.00 pm to 7.00 am	45 dBA L10

Hobson Site:

Monday to Saturday	8.00 pm to 9.00 pm	60 dBA L10
Monday to Saturday	9.00 pm to 11.00 pm	55 dBA L10
Monday to Saturday	11.00 pm to 5.00 am	55 dBA L10
Monday to Saturday	5.00 am to 7.00 am	55 dBA L10
Sunday night to Monday morning	8.00 pm to 7.00 am	55 dBA L10

Other sites:

Unless otherwise stated all other sites shall comply with the noise levels contained in Conditions 2.1 and 2.2.

2.2B That, on confirmation by a Council Noise Control Officer that noise complaints received are correctly attributed to activities associated with the Tunnel project, Vector will undertake whatever steps are necessary to ensure that night time noise levels at the Hobson site comply with Condition 2.2A, and will undertake whatever monitoring the Council may reasonably require. Records shall be made available to the Council on request.

2.3 During the period of tunnel construction, subject to Conditions 2.1 and 2.2 above, the L10 noise level generated by the project as measured at any time at 1m from the most exposed window or door of any occupied building on any land which is not the subject of this designation as shown on the attached plan marked "A", and which has a business activity zoning shall not exceed 80 dBA.

2.4 All plant associated with the long term operation of the tunnel (not including Transpower's operations at the Transpower site) is to be designed, constructed, and maintained to ensure that the following noise levels are not exceeded:

a. Noise measured at or within the boundary of any property except those with a business activity zoning:

Monday to Saturday	7.00am-10.00pm	L10 55 dBA
Sunday and Public Holidays	9.00am-6.00pm	L10 55 dBA
	At all other times	L10 45 dBA Lmax 75 dBA, or background (L95) plus 30 dBA, whichever is the lower

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b. Noise measured at any time at or within the boundary of any property zoned business activity: L10 65 dBA.

2.5 Measurement and assessment shall be in accordance with the requirements of NZS 6801:1999 "Measurement of Environmental Sound" and NZS 6802:1999 "Assessment of Environmental Noise". The noise shall be measured with a sound level meter complying at least with the International Standard IEC 651 (1979): Sound Level Meters, Type 1.

3. Blasting

3.1 For the purpose of Conditions 3.1A - 3.8 blasting means the use of explosives to loosen or dislodge rock material.

3.1 A Prior to blasting within the tunnel, Vector shall give at least 12 hours written notice of the location and timing of the blast(s) to the following parties:

- a. Occupants of buildings within 100m of the blast site; and
- b. Manager: Resource Consents and Compliance

3.2 Notwithstanding Condition 3.1 hereof trial blasting shall be undertaken in accordance with Conditions 6.1 - 6.4 inclusive.

3.3 Blasting activities shall be so controlled as to ensure that any ground vibration as the result of any blasting will not adversely affect the structural stability of any building or structure including electrical equipment (that is not connected with the site covered by this designation) or cause a reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full story of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3:1986 "Structural Vibration in Buildings - Effect on Structures", will be deemed to meet these requirements. Peak particle velocity means the maximum particle velocity in any of the three mutually perpendicular directions. The units are millimetres per second (mm/s).

3.4 The noise created by the use of explosives for blasting shall either not exceed a peak overall sound pressure level of 128 dB (ie a peak over pressure of 0.05 kPa) or alternatively the noise shall not exceed a peak sound level of 122 dBC. The measurement shall be made in either case at 1m from the most exposed window or door of any occupied building (that is not connected with the Transpower site).

3.5 The maximum number of blasts shall be limited to three times per day per location. The locations are on land included in this designation and comprise the following places where the tunnel exits to ground level: Hobson substation, Liverpool substation, Newmarket portal, Ellerslie egress shaft and Penrose portal.

3.6 Except with the permission of Manager: Resource Consents and Compliance, and subject to Condition 3.5, blasting for the Penrose Portal shall only occur between the hours of 7.30am and 8.00pm Monday to Sunday and no blasting shall occur on public holidays.

3.7 Except with the permission of Manager: Resource Consents and Compliance, blasting at all other tunnel sites shall only occur between the hours of 7.30am and 8.00pm Monday to Saturday and no blasting shall occur on Sundays and public holidays.

3.8 Vector will take whatever steps are necessary to ensure that blasting complies with conditions 3.3 and 3.4, and will undertake whatever monitoring the Council may reasonably require. Records shall be made available to Council on request. The monitoring sites and methods shall be agreed with Council's Manager: Resource Consents and Compliance prior to the commencement of work.

3.9 The requirement for monitoring and recording may be relaxed at the discretion of Manager: Resource Consents and Compliance after Vector has provided written evidence of consultation by Vector with Trans

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Power in respect of the Trans Power Site if it is considered that the noise and vibration level from blasting at any one location has decreased sufficiently. Any blast undertaken on Sundays and public holidays, or between the hours of 8.00pm and 7.30am, shall be monitored.

4. Vibration

4.1 Activities other than blasting shall not generate vibrations which may cause discomfort or adversely affect the health and well being of the occupants of premises outside the designation as shown on the attached plan marked "A" during construction and the attached plan marked "B" after construction is completed. Vibrations which do not exceed the limits referred to below as set out in the provisions of International Standard ISO 2631-2:1989 "Evaluation of human exposure to whole body vibration - Part 2 Continuous and shock-induced vibration in buildings (1 to 80 Hz)" will be deemed to meet this requirement. These particular limits are that the vibration levels (acceleration measured in metres per second) relative to the frequency shall not exceed the base curves of Figure 2A (z axis), 3a (x, y and z axes) and 4a (combined x, y and z axes) of ISO 2631-2:1989.

4.2 The assessment of continuous, intermittent and transient (impulsive) vibrations shall be carried out by a suitably qualified and experienced person in accordance with Annex A and Table 2 of ISO 2631-2:1989.

4.3 The instruments used to measure vibrations and the methods of measurement shall comply with a recognised standard such as Australian Standard AS 2973:1987 Vibration and Shock - Human response.

4.4 Subject to Conditions 4.5 and 6.2, Manager: City Planning may approve vibration levels above the standards specified in Condition 4.1 where he/she is satisfied that they are necessary for construction or demolition work of a limited duration.

4.5 All tunnel construction activities shall be so controlled as to ensure that any ground vibration created will not adversely affect the structural stability of any building or structure (that is not connected with the land covered by this designation) or cause a reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3: 1986 "Structural Vibration in Buildings - Effects on Structures", will be deemed to meet these requirements. Such monitoring as is necessary to ensure compliance with this condition shall be undertaken. Records shall be made available to the Council on request.

5. Traffic

5.1 On site manoeuvring for trucks shall be provided so that no reverse manoeuvring onto the street will occur at any of the tunnel sites.

5.2 Wheel-wash facilities shall be provided for all trucks exiting the tunnel sites so that no excavation material is tracked onto the streets.

5.3 Vector will undertake measures to keep the roads in the vicinity of the tunnel construction sites free from any debris resulting from the construction work.

5.4 Programming of truck movements shall be arranged so that trucks do not wait or queue on the street other than for normal traffic movements when their way is obstructed by opposing traffic. The movements of trucks and other construction traffic shall be regulated in accordance with the management plans referred to in Condition 1.13.

5.5 Hobson Portal

a. There shall be no right turn movements into Fanshawe Street for trucks leaving the site at any time. There shall be no right turn movements from vehicles entering the site from Fanshawe Street between the hours of 4.30pm to 6.00pm, Monday to Friday.

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b. The right turn pocket on Fanshawe St shall be widened and lengthened by Vector in accordance with the attached sketch plan 2289/2 by Traffic Design Group (see B08-03(d)) in order to facilitate the right turn movement of trucks during permitted hours. The costs of these roadworks are to be borne by Vector.

c. A sign to warn Fanshawe Street traffic of slow trucks merging shall be installed to the satisfaction of Council's Manager: Resource Consents and Compliance.

5.6 Newmarket Portal

a. The primary truck routes to and from the site shall be as indicated in the attached plan B08-03(c) being Figure 6, page 16 of the report entitled Assessment of Effects on the Environment: Traffic, January 1996, Traffic Design Group, or such alternative truck routes as agreed by Council as part of the management plan required under Condition 1.13.

5.7 Penrose Portal

a. Right turn movements of trucks at the Gavin St/Penrose Rd intersection shall not be permitted between 7.00am to 9.00am and 4.00pm to 6.00pm, Monday to Friday.

b. There shall be no use by heavy construction vehicles of the northern section of Gavin St which serves residential zoned properties, or of any of Eaglehurst Road.

5.8 Liverpool Street Substation

a. No trucks shall be permitted to use City Rd or Liverpool St between Karangahape Rd and Turner St.

6. Penrose Site

Wilson and Horton Limited

6.1 Notwithstanding the requirements of Conditions 3.3, the following conditions shall apply in respect of the Herald printing press site owned by Wilson and Horton:

a. That vibration at the boundary of the Herald site during the construction of the Penrose Portal shall not exceed 5mm per second or half of any vibration level that is found to interfere with the operation or printing quality of presses on the Herald site, whichever is the lesser;

b. Subject to the requirements of Condition 3.6 and the requirements as to trial blasting in Condition 6.4 hereof, the first blast following the completion of trial blasting at the Penrose Portal and as many subsequent blasts as possible shall occur between the hours of 3.30pm on Saturday and 10.30pm on Sunday;

c. That Vector shall prior to the commencement of the construction of the Penrose Portal install and monitor equipment where agreed with Wilson & Horton to gauge the level of vibration experienced at the Herald site as a result of blasting. If Vector and Wilson & Horton are unable to reach agreement, then monitoring shall occur at the direction of the Manager: City Planning. Records shall be made available to the Council on request; and

d. That if monitoring at any stage shows a level of vibration induced by the tunnel blasting which is interfering with an accepted standard of print register for those presses, then Vector shall use an alternative method of excavation which does not interfere with the printing process; or blast only between the hours of 3.30pm Saturday and 10.30pm Sunday (subject to the Condition 3.6 hereof).

Transpower New Zealand Limited

Transpower New Zealand Ltd

6.2 Vector shall undertake the construction of the tunnel, portal and associated equipment (including plant room) at the Transpower site in such a manner that avoids as far as practicable a level of vibration induced by such activities which causes or is likely to cause a partial or total shut down of transmission of electricity through the substation.

6.3 Prior to the commencement of construction, Vector shall undertake trial blasting and trial truck movements for the purpose of determining levels of vibration which, if not exceeded, would ensure that the obligation arising under Condition 6.2 hereof is satisfied. Such trials shall be undertaken in the presence of a representative or

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representatives of Transpower New Zealand Limited. Records shall be made available to the Council on request.

6.4 Such trial blasts as required by Condition 6.3, shall occur between the hours of 3:30 pm to 6:00 pm Saturday and 9:00 am to 6:00 pm Sunday over four consecutive weekends. Three days notice of such trial blasting shall be given to the Manager: Resource Consents and Compliance.

6.5 Vector shall install equipment for the purpose of measuring and monitoring the level of vibration induced at Trans Power's Penrose substation site as a result of construction, the location of such equipment to be agreed with Trans Power New Zealand Ltd. If Vector and Trans Power are unable to reach agreement about the location, such monitoring shall be undertaken as required by the Manager: Resource Consents and Compliance, Auckland City Council. Records shall be made available to Council on request.

6.6 In the event that the monitoring undertaken pursuant to Condition 6.4 hereof indicates that levels of vibration induced by construction activities have resulted in or are likely to result in a failure to comply with Condition 6.2 hereof, Vector shall adopt alternative methods to ensure that Condition 6.2 is satisfied.

Dust

6.7 Vector shall undertake the construction of the tunnel, portal and associated equipment (including plant room) at the Transpower site in such a manner that avoids as far as practicable the generation of dust from such activities which causes or is likely to cause a partial or total shutdown of transmission of electricity through the substation.

6.8 Without limiting the effect of Condition 6.7, no construction activity shall generate more than 60 micrograms per cubic metre of dust or air suspended particulate matter, as measured over any 5 day period at the boundary of the Transpower site.

6.9 Any measures adopted to remedy the effects of dust generation (including live line washing) shall be undertaken so as to avoid or mitigate as far as practicable any potential adverse effects of such activities on adjacent residential properties in Gavin Street.

6.10 Vector shall undertake monitoring of any dust generated by construction activities, for the purpose of determining whether Conditions 6.7 and 6.8 hereof are being complied with. Monitoring will be undertaken daily for the first month of tunnel blasting (not including any trial blasting). Further monitoring shall be undertaken during the construction period to determine compliance with Conditions 6.7 and 6.8 hereof as appropriate or as a result of any complaints by owners and/or occupiers of adjoining residential properties. The further monitoring shall be at the discretion of the Manager: City Planning. Copies of the monitoring results shall be provided to Trans Power. Records shall be made available to Council on request.

6.11 In the event that the monitoring undertaken in accordance with Condition 6.10 hereof indicates a failure to comply with Conditions 6.7 and 6.8 hereof, Vector shall adopt alternative methods to ensure that those conditions are satisfied.

Visual

6.12 Any visual effects of construction activities on adjoining residential properties in Gavin Street, including the effects of any stockpile, shall be minimised.

6.13 Without limiting Condition 6.12, prior to the commencement of other work on the site Vector shall construct an acoustical fence of a height not less than 1.8 metres (being at least a concrete block wall of a single block width) on Trans Power's site, in the location shown on the attached plan marked "A".

6.14 As soon as practicable after construction of the fence referred to in paragraph 6.13 hereof, permanent landscaping of the area between this fence and the boundary of adjacent residential properties in Gavin Street

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shall be undertaken, to the satisfaction of the Manager: Resource Consents and Compliance.

Access

6.15 The construction area shall be separated from the balance of Transpower's site by an appropriate security fence.

6.16 The only access and egress to the construction site shall be via a gate as shown on the attached plan marked "A" as Transpower's Gate 2 on Gavin Street.

Management Plan

6.17 Condition 1.13 shall apply to any management plan developed under Conditions 6.19 and 6.20 below.

6.18 Vector shall, at least 20 working days before the commencement of construction on the Transpower site, submit to the Manager: Resource Consents and Compliance, for approval, a Penrose Portal and Plantroom Construction Management Plan for the land as shown on the attached plan marked "A" setting out:

- a. Portal and plantroom design details (including site development, landscaping, and access details), construction plans and methods, and proposed maintenance methods and practices.
- b. The manner in which the requirements of the above Conditions relating to vibration, dust, lighting and access are to be complied with and shall include a driver awareness programme.

6.19 The Management Plan submitted in accordance with Condition 6.18 here of shall:

- a. Be to a standard satisfactory to the Council's Manager: Resource Consents and Compliance.
- b. Be prepared in consultation with Transpower New Zealand Limited.
- c. Contain a statement from Trans Power acknowledging that consultation in accordance with paragraph (b) hereof has been undertaken.

6.20 The Council shall approve the plan or advise Vector of any recommended amendments thereto or additional information required within 10 working days of the receipt of the Management Plan.

6.21 The portal and plantroom and associated activities shall be constructed in general accordance with the requirements of the Management Plan approved by the Council.

7. Liverpool Street and Hobson Street Sites

7.1 Prior to the installation of transformers at these sites, a hazard mitigation plan shall be produced for the transformers at the Liverpool and Hobson substations to the satisfaction of Manager: Resource Consents and Compliance. The plan shall cover operating and maintenance procedures to prevent oil leaks from contaminating the environment and detail cleanup procedures including disposal of any wastes in the event of an oil leak.

7.2 An archaeologist shall be present during the initial stages of work at Liverpool St and Hobson St egresses. The archaeologist shall remain at the sites until the archaeologist considers his/her presence is no longer required. The archaeologist shall advise the Manager: Resource Consents and Compliance in writing when his/her attendance is no longer required.

7.4 Prior to any building occurring across the boundaries of Lot 1 DP 112657, Lot 1 51978 and Lot 1 DP 52038 in conjunction with the extension to the Liverpool St substation, the affected Certificates of Title shall be held together in such a way they cannot be dealt with separately without the prior written consent of Council.

7.5 Prior to commencing work under Hobson St:

- a. Vector, in consultation with a representative of the Roman Catholic Bishop of Auckland, shall arrange for establishment of survey measuring points at St Patrick's Cathedral and the Cathedral Presbytery; and
- b. Vector shall participate with the Bishop's representative in updating the existing survey of the physical condition of St Patrick's Cathedral

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7.6 The survey measuring points established in accordance with Condition 7.5(a) above shall be surveyed regularly by an independent surveyor during construction works until sufficient time has elapsed to give a high level of confidence that no deformations are likely to occur .

7.7 The survey measurements taken in accordance with Conditions 7.5(a) and 7.6 above shall be supplied to the Roman Catholic Bishop of Auckland and to Manager: Resource Consents and Compliance.

7.8 If the survey measurements taken in accordance with Conditions 7.5(a) and 7.6 above indicate that movement has occurred then Vector shall, in conjunction with the Bishop's representative, resurvey St Patrick's Cathedral and any new physical damage which is verified by an independent engineer as being caused by the construction of the tunnel shall be rectified at Vector's expense.

7A. Hazardous Substances

7A.1 The storage and use of hazardous substances at the Hobson, Newmarket, and Penrose Portals shall be in accordance with the "Vector Tunnel Project Hazardous Substances Assessment of Environmental Effects" undertaken by Tonkin and Taylor Ltd and dated May 1999.

7A.2 The areas of the Hobson, Newmarket and Penrose Portals immediately involved in the storage, loading, unloading, using or otherwise handling of waste and other hazardous substances, shall be protected by spill containment systems that shall comply with the following:

- a. Be constructed of impervious material that are resistant to the hazardous substances involved;
- b. Be able to contain the maximum volume of the largest tank used; and
- c. Be designed, constructed and managed so that any spill or release of any hazardous substance and any stormwater that may have entered and become contaminated in the spill containment system is prevented from entering the stormwater system and is prevented from discharging into or onto the land or groundwater, any water body, or potable water supply.

7A.3 Prior to construction of the spill containment systems referred to in Condition 7A.2 above, Vector shall produce a spill contingency plan, an emergency evacuation plan, a health and safety plan, and a fire safety plan for the Hobson, Newmarket and Penrose Portals to the satisfaction of Council. Vector shall comply with these plans at all times.

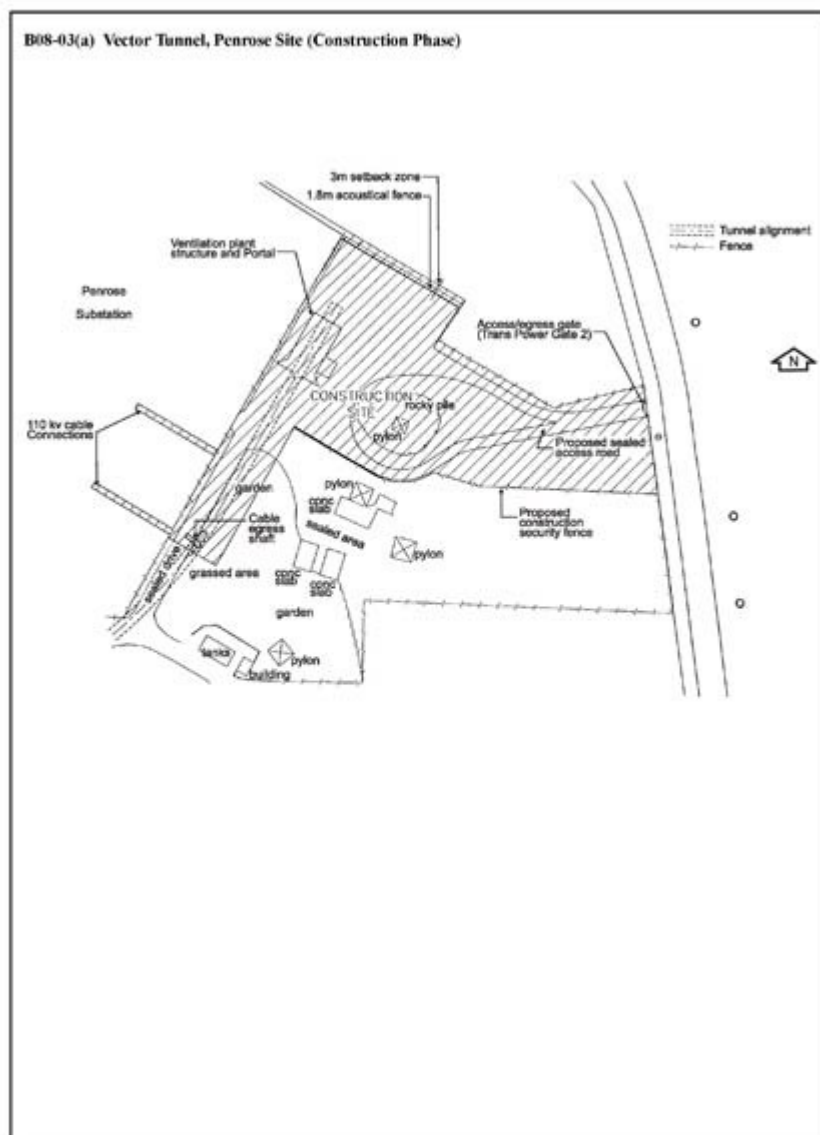
Advice Notes

1. The requiring authority needs to obtain all other necessary consents and permits, including those under the Building Act 1991, and comply with all relevant Council bylaws.
2. The Penrose substation site is subject to an existing Transpower designation (Penrose Substation) and an existing Council designation (Proposed Accessway, Gavin St to McNab St Subway). As such the Vector designation is to be identified as the later designation in the District Plan. The provisions of Section 177 of the Resource Management Act 1991 apply accordingly.

Attachments

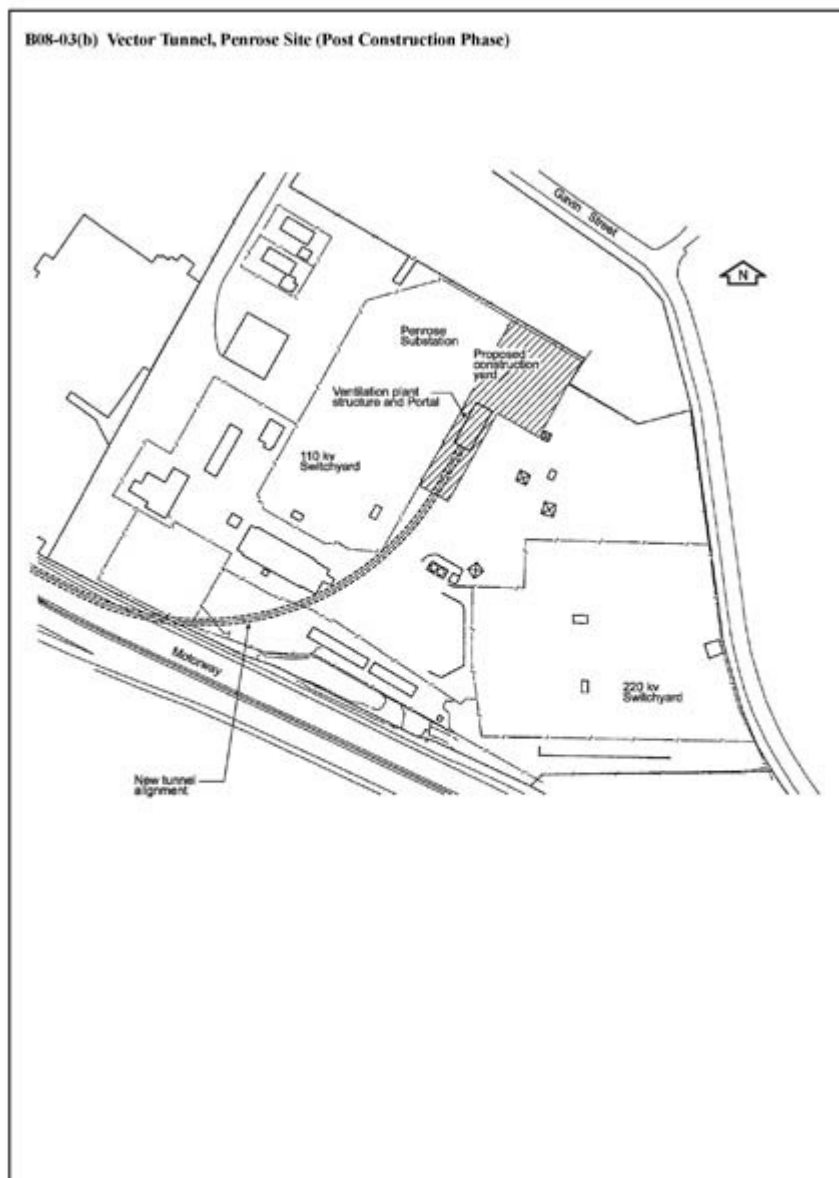
B08-03(a) Vector Tunnel, Penrose Site (Construction Phase)

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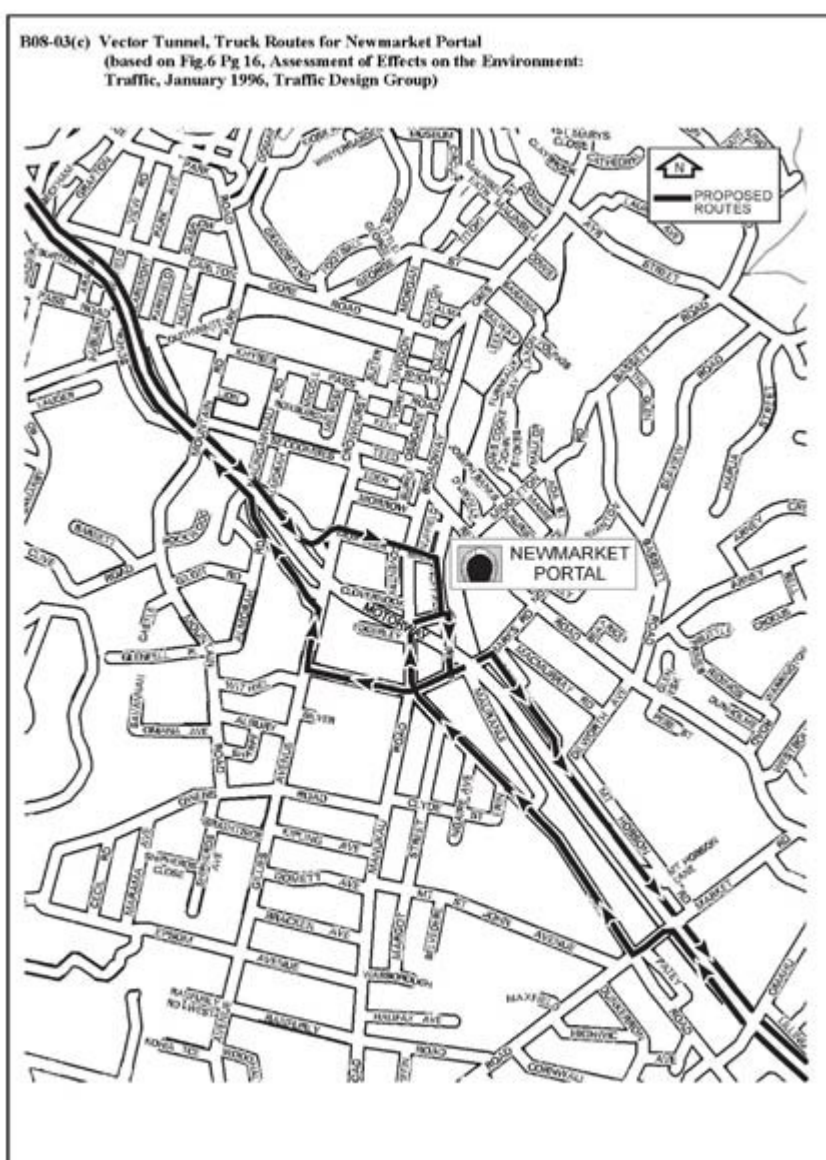
B08-03(b) Vector Tunnel, Penrose Site (Post Construction Phase)

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B08-03(c) Vector Tunnel, Truck Routes for Newmarket Portal

The Proposed Auckland Unitary Plan (notified 30 September 2013)



B08-03(d) Vector Tunnel, Road Improvements, Fanshawe Street

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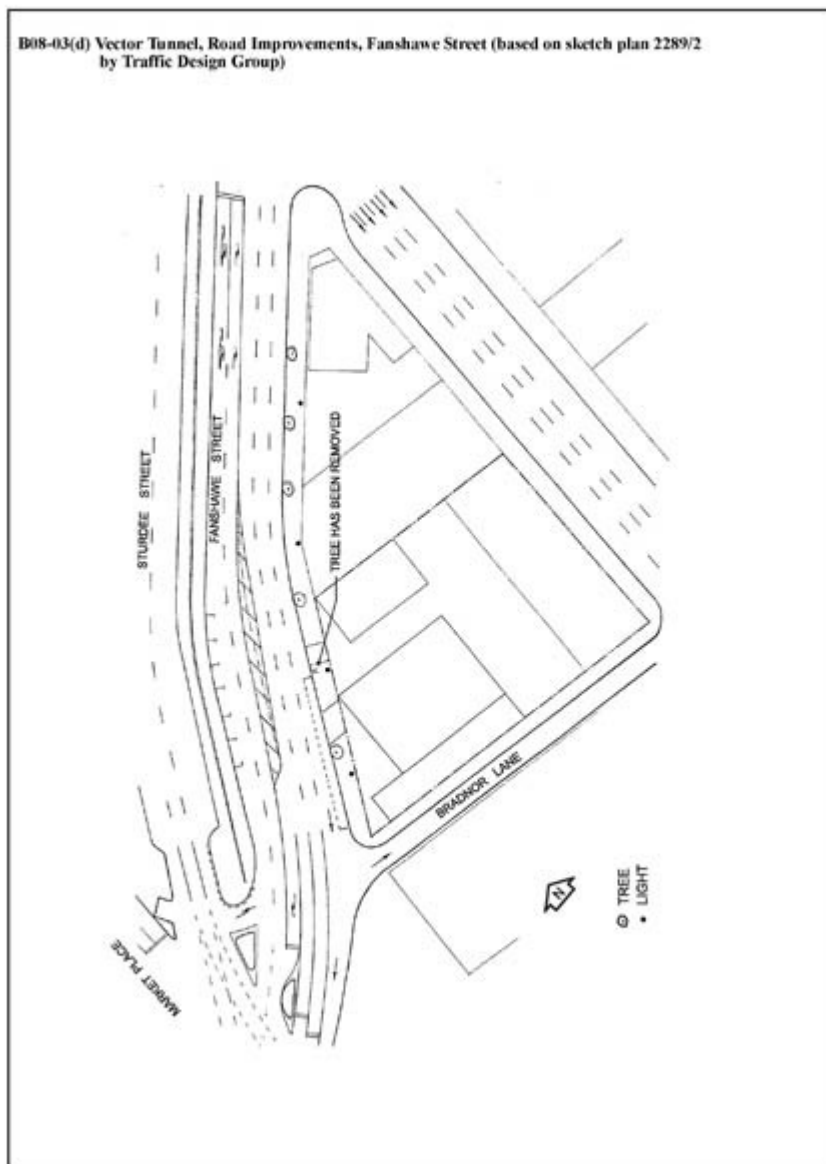
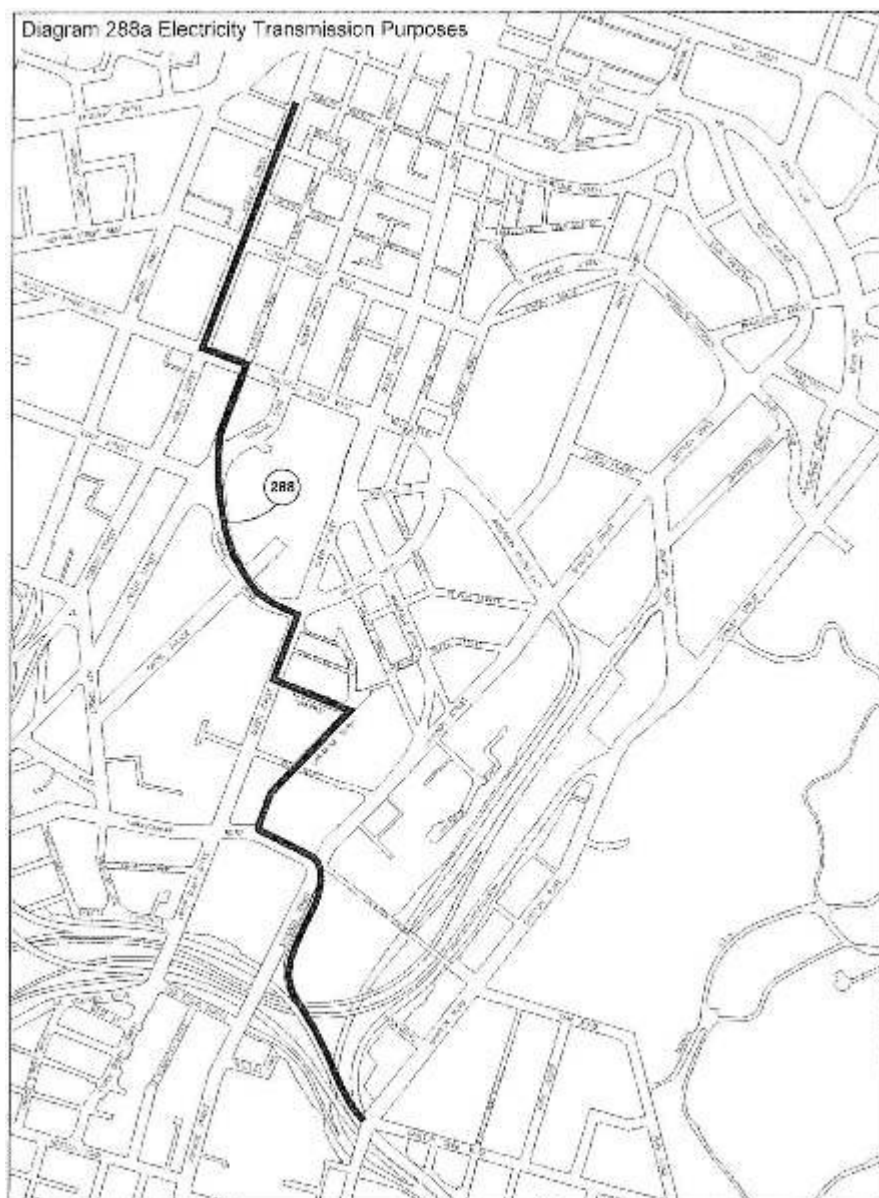


Diagram 288a Electricity Transmission Purposes

The Proposed Auckland Unitary Plan (notified 30 September 2013)



8842 110kV Electricity Line

Designation Number	8842
Requiring Authority	Vector Ltd
Location	410 Albany Highway to State Highway 1 (Constellation Drive), Rosedale and Currys Lane, Wairau Valley
Rollover Designation	Yes
Legacy Reference	Designation 179, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

The installation, maintenance, repair, replacement, inspection and operation of one 110kV underground electricity transmission line and associated telecommunication cables and the minor above ground structures associated therewith, within a corridor.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

1. The alignment and width of the North Shore Transmission Corridor shall be generally in accordance with that described in Appendix A to the 2001 Notice of Requirement as amended by the 2005 Alteration to the Designation (LUC/2120374) and the 2012 Alteration to the Designation and shall be demarcated on the Auckland Unitary Plan Maps accordingly.
2. That prior to any works being commenced, Vector Limited shall obtain all requisite regional resource consents required by the Auckland Council under the Resource Management Act 1991.
3. Any land taken or held for the works shall be maintained to a reasonable standard until physical works commence.
4. Subject to Section 184 of the Resource Management Act 1991, the designation shall lapse on the expiry of 15 years after the date on which it is included in the District Plan.
5. The cables and associated equipment shall be designed, installed and operated so as to meet the NZ National Radiation Laboratory guidelines (as confirmed by the International Commission on Non-Ionizing Radiation Protection, ICNIRP) for general public 24hrs/day exposure.
6. In the event that electricity supply will need to be shut down for planned periods during construction, Vector Limited shall advise Watercare Services Ltd of the time and duration of the intended shut down at least 48 hours in advance.
7. Vector Limited shall submit an Outline Plan of Works to Auckland Council in accordance with Section 176A of the Resource Management Act 1991. In addition to the matters listed in Section 176A(3), the Outline Plan shall describe and include details on the following:
 - a. The alignment of the cable(s) within the corridor and the width of the corridor.
 - b. The distance that any trench will be located from residential zoned properties and the depth of that trench and any measures to prevent the movement of earth on adjoining properties.
 - c. The location, size, function and effects (including noise) of all above-ground structures.
 - d. Measures to avoid, remedy or mitigate the potential effects of construction and maintenance activities on existing water, stormwater and wastewater services;
 - e. Measures to avoid, remedy or mitigate the potential effects arising from the physical presence of the cable on the operation of water, stormwater and wastewater services;
 - f. Measures to avoid, remedy or mitigate the potential effects arising from the physical presence of the cable on the future construction of water, stormwater and wastewater services;
 - g. The minor extension to the Wairau Road substation; and
 - h. Such other matters as required to satisfy the conditions of this designation.

Services

8. During the detailed design and subsequent construction activities, Vector Limited and its agents shall liaise with Watercare Services Ltd prior to undertaking any work in relation to the designation and shall ensure that all existing utility services located in or adjacent to the designation are:
Protected from any activity which may interfere with the proper functioning of the services; and
If damaged, repaired or replaced; Any costs associated with the protection, repair or replacement of existing services maintained by the Council shall be at Vector's expense, to the reasonable satisfaction of Watercare Services Ltd.
9. All cables shall be installed in accordance with the relevant New Zealand Codes of Practice, including NZECP 34 and 35. 10. When laying the cable close to existing metallic pipelines Vector Limited shall ensure the associated service does not breach the requirements of AS/NZS 4653:2000.

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11. Vector Limited shall undertake a safety study, as part of the detailed design process, to demonstrate that induced and transferred potentials to other services would not be hazardous to personnel working on those services. An appropriate independent body shall review the study and recommend any relevant design modifications.

12. Vector Limited shall review the possible effects that electric and magnetic fields may have on other existing underground services within the corridor, ensuring that all practicable measures are taken to minimise those effects.

13. The 'as-built' plans (in accordance with the Council's Asset Data Standards manual) shall be submitted to the Council immediately after the completion of all construction.

Property Access

14. Vehicular and pedestrian access shall be maintained to the Wastewater Treatment Plant, Rosedale Park and Rosedale Park South at all times during construction.

15. In the event that Vector Limited requires access to the North Shore Transmission Corridor via the Wastewater Treatment Plant site for construction and maintenance activities, all personnel and contractors of Vector Limited are to comply with access controls and health and safety requirements applying to the Wastewater Treatment Plant site.

Trees

16. A Vegetation Mitigation Plan shall be prepared prior to the commencement of construction works within the corridor and shall be subject to the prior approval of the Auckland Council's Manager - Parks, Sports and Recreation Department. The purpose of the Vegetation Mitigation Plan is to set out the measures for works around any protected trees and shall contain appropriate measures:

- a. To minimise the impact on protected trees, wherever possible;
- b.. To develop a staged landscape plan for the remnant orchard trees in the George Pannill Reserve which includes suitable consultation with the Manager - Parks, Sports and Recreation Department and with local residents. The purpose of this landscape plan is to retain the general character of the orchard remnant and improve the overall amenity of the area;
- c. To indicate that where trees are required to be removed, these be replaced or replaced in close proximity, on a tree for tree basis, unless otherwise directed by the Manager - Parks, Sports and Recreation Department and that the replacement planting is maintained in accordance with the design infrastructure manual for a period of 18 months following planting; and
- d. To reasonably minimise the need for removal of large trees and other vegetation which provide visual screening of the Wastewater Treatment Plant site from residential areas, Rosedale Park and Rosedale Park South.

The landscape plan for the George Pannill Reserve shall be prepared well in advance of construction to enable discussion with the Manager - Parks, Sports and Recreation Department and reflect suitable consultation with local residents. For the purposes of this condition, the monetary limit of any Vector Limited contribution pursuant to both this designation and Designation 179A to fruit tree replacement in the George Pannill Reserve shall be \$2500 (plus GST). As part of the Vegetation Mitigation Plan, Vector Limited shall provide suitable planting within that part of the corridor that adjoins the rear boundary of 16 Jade Court, Albany.

17. In the event that trees providing visual screening to the Wastewater Treatment Plant Site need to be removed as a result of the installation of proposed underground cables, Vector Limited, in consultation with Watercare Services Ltd and the Council's Manager - Infrastructure and Environmental Services, shall, where practicable, plant suitable replacement trees to provide a similar level of visual screening from residential areas, Rosedale Park and Rosedale Park South as existed prior to the removal of the trees.

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Watercourses/Open Channels

18. Crossings over open channels and watercourses will need to be above the 1% AEP flood plain level with an adequate freeboard provided. Alternatively if a cable crossing is proposed to go under a watercourse, then adequate cover and protection will need to be provided to allow for possible future channel erosion and for channel maintenance activities. Adequate cover and protection will also be required where the cables cross pipes and other stormwater assets. Details of the channel and watercourse crossings shall be submitted to the Council's Manager - Infrastructure and Environmental Services for approval. In particular the following crossings need to be fully assessed:

- a. The Oteha Stream tributary between Albany Highway and Vanderbilt Parade;
- b. The Oteha Stream tributary between Vanderbilt Parade and Northwood Avenue;
- c. The Alexandra Stream near Bush Road;
- d. The concrete lined channels between Sunnynook Road and Porana Road; and
- e. The Wairau channel near the substation.

Traffic Disturbance

19. A Traffic Management Plan shall be submitted to the Road Controlling Authority (i.e. Auckland Transport) for approval, at least 20 working days prior to the commencement of construction of each cable length. Construction activity shall be undertaken in accordance with the approved Traffic Management Plan. The primary purpose of the Traffic Management Plan is to set out the mitigation measures that will be put in place for that phase of the project to ensure that traffic disruption associated with construction activities is minimised as far as it is practicable.

Dust

20. Best practicable measures shall be employed (e.g. watering of the construction area) to ensure any dust nuisance beyond the boundary of the corridor is minimised.

21. All spoil shall be removed from the site so that no spoil or construction materials likely to generate dust are stored or stockpiled on site.

Water Quality

22. Best practicable measures shall be employed to ensure that the discharge of sediment into any water body is avoided or minimised.

23. Excess material shall be placed directly into trucks or bins for removal off site thereby minimising the amount of loose sediment bearing materials on the site.

24. Cesspit filters shall be installed prior to the excavations commencing where there is a risk of runoff to an existing drainage network. This is to be augmented by the use of silt fences where these are able to be installed or are necessary. It is anticipated that silt fences will be primarily used in areas where the works pass close to an open watercourse.

25. Should the excavation require dewatering, then the contractor shall be expected to either discharge the liquids into another part of the trench (e.g. with scoria backfilling) via a portable settling tank, or across a grassed strip (provided the grass was long and a silt fence or cesspit filter was in place down gradient).

26. Backfilling, compaction and grading shall be undertaken as soon as possible after the laying of trenches, followed by re-sowing to re-instate surfaces to a condition which existed before the trenching.

Distance from Residential Boundaries

27. The trenches for laying underground cables shall be located a minimum distance of 1.5m from any residentially zoned property.

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Hours of Work

28. The hours of work shall be restricted to 7 am to 6 pm Monday to Friday, 8 am to 6 pm Saturday, with no construction work undertaken on Sundays and Public Holidays.

Property Access

29. Construction of the cable shall be undertaken in such a manner as to ensure that reasonable access to properties on the cable route shall be maintained at all times.

Construction Noise

30. During construction, New Zealand Noise Standard 6803 NZS: 1999 Acoustics - Construction Noise shall be complied with.

31. Vector Limited and its contractors shall, in addition to complying with all other construction related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

Archaeological

32. If any archaeological remains are uncovered during construction, Vector Limited shall immediately notify the Council and engage an archaeologist (to be approved by Council) to investigate and report on the importance of the remains.

33. Vector Limited shall immediately advise local kaumatua and the New Zealand Historic Places Trust and cease working in the affected area until all necessary authority required by the New Zealand Historic Places Trust is obtained.

Completion of Construction

34. On completion of construction, all carriageways, road markings, signs, property access ways, drainage systems and other structures shall be restored to a standard at least comparable to their condition before the commencement of construction and shall be made good as soon as practicable.

Monitoring

35. Within six (6) months of the commencement of operation of the 110kV underground line Vector Limited shall supply to Council's Manager - Resource Consents and Compliance the results of a magnetic field survey that measures and appropriately illustrates the combined effect of the existing overhead and new underground lines, such field strength measurements to be taken at one metre above ground level and at intervals of not less than 400m or more than 800m along the length of the corridor (excluding roads). The Council may, depending on the significance of the results compared with recognised acceptable thresholds (see eg, condition 5), require a repeat of the survey at a future date to be agreed between the parties.

36. That provision be made for the removal of existing trees located in the corridor directly affected by the proposed location of the cable trenches, and that any replacement planting that may be required be determined by consultation and agreement between Vector Limited and Council's Manager - Infrastructure and Environmental Services.

Attachments

No attachments.

8843 Glenvar Substation

Designation Number	8843
Requiring Authority	Vector Ltd

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Location	375 Glenvar Road, Torbay
Rollover Designation	Yes
Legacy Reference	Designation 185, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	14 August 2019 or five years from being operative in the Unitary Plan, whichever is the latter unless given effect to prior

Purpose

Electricity works (substation).

Conditions

- i. That the scope and extent of the works within the designated area be in accordance with the Notice of Requirement for a Designation dated 12 March 2009; and in accordance with the approved designation conditions.
- ii. Any proposal which would breach the conditions will require either an alteration to the designation in order to specifically alter the condition to which it is subject (section 181 of the Resource Management Act 1991), or will be considered in terms of the District Plan's underlying zoning provisions (section 176(2) of the Act).

1. General

a. That pursuant to Section 184 of the Resource Management Act 1991, this designation SHALL LAPSE 10 years after the granting of this consent unless given effect to before that date, or an extension is given in terms of Section 184(2)(b).

b. The electricity substation shall be constructed in general accordance with the Notice of Requirement by Vector Limited for a designation for a "Substation – Glenvar Road, dated 12 March 2009 at 375 Glenvar Road, Torbay being Allotment 320 Parish of Okura. This includes the following plans prepared by Vector Limited: Drawing number 4259-8002 - Revision G Sheet 1 dated 06 March 09 Drawing number 4259-8004 - Revision E Sheet 1 dated 06 March 09 Drawing number 4259-0020 - Revision D Sheet 1 dated 06 March 09 Drawing number 4259-0020a- Revision B Sheet 1 dated 06 March 09 Drawing number 4259-8010 - Revision C Sheet 1 dated 06 March 09 Drawing number 4259-8003 - Revision E sheet 1 dated 23 June 2009

2. Outline Plan

a. If either the final design and layout of the substation does not reflect the design and layout submitted with the Notice of Requirement or if there are any future additional works proposed that are not permitted by the District Plan, an Outline Plan shall be submitted in accordance with Section 176A of the Resource Management Act, 1991 before any construction is commenced. However, where the future additional work is in accordance with the Notice of Requirement or is permitted by the District Plan, then the requirement for an Outline Plan is waived under s176A(2).

3. Building Height, Bulk and Location

The development of any further buildings or structures on the site shall comply with the following development controls:

- a. Fences: Security fencing is not to exceed a maximum height of 2 metres;
- b. Minimum Distance of Buildings from Designation Boundaries: 5 metres;
- c. Maximum Building Height: 8 metres; and
- d. Height in Relation to Boundary: No part of any building is to exceed a height equal to 2.5 metres plus the shortest horizontal distance between that part of the building and the designation boundary.

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4. Noise

a. Operational noise (including noise from mechanical ventilation systems) from the substation shall not exceed the following levels:

Maximum Permitted Noise Levels				
	Mon-Sat Inclusive 0700hrs - 2000hrs	Mon-Sat Inclusive 2000hrs - 2300hrs	Public Holidays 0700hrs - 2400hrs	All Other Times
As measured at any residential zone boundary and any residential site boundary in the rural zone	50 dBA L10	45 dBA L10	45 dBA L10	40 dBA L10 75 dBA Lmax

Note:

Noise levels specified in this table shall be measured and assessed in accordance with the requirements in NZS 6801:2008: 'Measurement of Sound' and NZS 6802:2008: 'Assessment of Environmental Sound'. The noise shall be measured with a sound level meter complying with the international standard Sound Level Meters, Type 1.

b. Noise from construction activities shall not exceed the limits recommended in and shall be measured and assessed in accordance with, the new Zealand Standard NZS 6803:1999, Acoustics – Construction Noise.

5. Tree Protection and Landscaping

a. During the period of site development works relating to this proposal, there shall be no disturbance or removal of any vegetation outside of the affected construction area except as shown on the landscaping plan prepared Vector Drawing No: 4259-8003 Revision E sheet 1 dated 23 June 2009.

b. Prior to the commencement of any works on the subject site (including site preparation and clearance activities) tree protection fencing (fit for the purpose of excluding construction activity) shall be erected around all retained trees under the supervision of a qualified arborist.

c. Within the current or next planning season (i.e. autumn to spring) immediately following completion of all construction works relating to this proposal, the Requiring Authority shall implement the landscaping of the site as shown on the landscaping plan prepared by Vector Drawing number 4259-8003 - Revision E sheet 1 dated 23 June 2009.

d. The growth and development of the newly planted landscape plants shall be monitored for FIVE years following completion of planting of those plants. It shall be the responsibility of the Requiring Authority to ensure that any new plantings that die or decline, to a point that in the opinion of the Council's Monitoring Officer are of no value, at any time over the next FIVE years following the initial planting, shall be replaced. The replacement plants shall be of the same species, grade and size as shown on the landscaping plan prepared by Vector Drawing No: 4259-8003 Revision E sheet 1 dated 23 June 2009 and planted no later than the following planting season (i.e. autumn to spring), following instruction to do so by Council.

6. Earthworks, Erosion and Sediment Control and Dust and Noise

a. The Requiring Authority shall comply with the approved Erosion and Sediment Control Plan prepared by Vector Limited dwg: 4259-8009 – Rev D sheet 1 of 1 to Councils satisfaction.

b. The Requiring Authority shall ensure all necessary measures indicated in the Plan approved by Council and as outlined in report prepared by SKM dated 15 October 2008 referenced ZP00017 are implemented.

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c. A certificate of establishment shall be submitted to Council prior to the commencement of any construction works confirming that all necessary measures proposed in the approved Erosion and Sediment Control Plan are implemented.

d. All personnel working on the site shall be made aware of the 'Erosion and Sediment Control Plan' and its requirements. The approved 'Erosion and Sediment Control Plan' shall be kept on site for inspection by Council's Compliance Officer.

e. The Requiring Authority shall institute appropriate measures to control or mitigate any potential dust nuisance. All such measures initiated shall be maintained throughout the entire duration of the construction period.

f. The Requiring Authority shall implement, to the satisfaction of Council's Development Engineer, suitable measures to prevent depositing of earth on surrounding streets by trucks moving fill and other materials to and from the site. In the event that any material is deposited on the street, the Requiring Authority shall take immediate action, at their expense, to clean the street. The loading of earth, fill and other materials shall be confined to the subject site.

g. The Requiring Authority shall engage a qualified professional engineering consultant to observe bulk earthworks and construction of any temporary or permanent works associated with the establishment of excavated or filled areas or building platforms or protecting the land. Work methodologies shall be in accordance with the recommendations outlined in the Notice of Requirement or as amended by the engineer.

h. The engineer shall be engaged so that he is able to direct the contractor as may be required. The construction monitoring service shall be at a level not less onerous than CM4 as defined by the IPENZ.

7. Geotechnical

a. All development on the site shall be designed and undertaken in accordance with the recommendations and limitations of the geotechnical report reference number ZP00017-RPT-GT-1.

8. Stormwater

a. The detailed design of the stormwater management system for the site shall be designed and constructed to the satisfaction of the Council and shall be in accordance with the report and supporting plans and documents prepared by SKM titled Glenvar Road substation – Erosion/Sediment Control Plan & Stormwater Connection / Mitigation Details dated 15 October 2008 referenced ZP00017.

9. Traffic

a. A Traffic Management Plan shall be prepared and submitted to the Auckland Council prior to the commencement to the construction of the substation.

b. That the vehicle access, parking and manoeuvring areas be formed and surfaced to the Council's satisfaction.

c. That a new vehicle crossing shall be designed and constructed to commercial vehicle crossing standard in accordance with the Council's Infrastructure Design Standards to Council's satisfaction, having first obtained a Road Opening Notice.

10. Lighting

a. At no time between the hours 2200 and 0700 shall any outdoor lighting be used in a manner that the use of such lighting causes an added illuminance in excess of 20 lux measured horizontally or vertically at any point along any boundary of any adjoining site which is zoned Residential (and outside the designated area).

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b. All outdoor lighting shall be shielded in such a manner that light emitted by the fixture is projected below a horizontal plane running through the lowest point in the fixture where that light is emitted, or is shielded in such a manner that the lowest edge of the shield is at or below the centre line of the light source.

11. Services

a. That all services, including power supply to and output from, the substation be underground.

12. Electricity Supply and Distribution Statues and Regulations

a. The installation shall at all times not exceed the reference levels for public exposure to 50 Hz electric and magnetic fields set out in the International Commission on Non-Ionising Radiation Protection (ICNIRP) at all times: electric field strength: 5 kV/m and magnetic flux density: 100 microtesla.

b. The Requiring Authority shall engage an electrical engineer to carry out measurement of the electric and magnetic fields emitting from this substation to confirm the compliance with the ICNIRP guidelines. An engineer's report with measurement results shall be provided to Council within two months of the substation commencing operation and within two months of the commencement of operation of the second transformer.

Attachments

No attachments.

8844 McLeod Substation

Designation Number	8844
Requiring Authority	Vector Ltd
Location	135 McLeod Road, Te Atatu South
Rollover Designation	Yes
Legacy Reference	Designation V1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- A statement on the relevant Plan objectives, policies and rules; and
- A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the

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designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8845 Woodford Substation

Designation Number	8845
Requiring Authority	Vector Ltd
Location	8 Woodford Avenue, Henderson
Rollover Designation	Yes
Legacy Reference	Designation V10, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8846 New Lynn Substation

Designation Number	8846
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Requiring Authority	Vector Ltd
Location	14 Titirangi Road, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation V11, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Description

Electricity works (substation).

Purpose

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8847 Brickworks Substation

Designation Number	8847
Requiring Authority	Vector Ltd
Location	6 Clinker Place, New Lynn
Rollover Designation	Yes
Legacy Reference	Designation V12, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

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Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8848 Waikaukau Substation

Designation Number	8848
Requiring Authority	Vector Ltd
Location	15 Waikaukau Road, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation V13, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's

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principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8849 Henderson Substation

Designation Number	8849
Requiring Authority	Vector Ltd
Location	140-142 Henderson Valley Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation V14, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

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No attachments.

8850 Keeling Road Substation

Designation Number	8850
Requiring Authority	Vector Ltd
Location	45-49 Keeling Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation V15, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8851 Titirangi Substation

Designation Number	8851
Requiring Authority	Vector Ltd
Location	515 South Titirangi Road, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation V16, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8852 Oratia Substation

Designation Number	8852
Requiring Authority	Vector Ltd
Location	647 West Coast Road, Oratia
Rollover Designation	Yes
Legacy Reference	Designation V17, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

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Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8853 Ranui Substation

Designation Number	8853
Requiring Authority	Vector Ltd
Location	37 Don Buck Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation V18, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. The electricity substation shall be constructed in general accordance with "Notice of A Requirement by a Requiring Authority for a Designation Under Section 168 of the Resource Management Act 1991" (being the notice by Vector Limited for a designation for Electricity Supply Purposes - Substation), received by Council on 3rd March 2008 and referenced by Council as LUC 2008 - 351, including further information submitted to Council as part of the notice of requirement. This includes the proposed landscaping and 1.8 metre high visually permeable fencing along the front and rear boundaries of the site (with the installation of a gate along the front boundary). The landscaping shall be implemented in the first planting season after the construction of the electricity substation.

2. If the final design and layout does not reflect that submitted with the Notice of Requirement, an Outline Plan shall be submitted in accordance with section 176A of the Resource Management Act. This Outline Plan is to include confirmation that the substation has been designed so that it can continue to operate during 1% annual exceedance probability flood events.

3. An Outline Plan shall be submitted in accordance with section 176A of the Resource Management Act prior to the construction of the second transformer. This Outline Plan is to include confirmation that the substation has been designed so that it can continue to operate during 1% annual exceedance probability flood events.

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4. Operational noise from the electricity substation shall not exceed the following levels as measured at any residential boundary:

- a. At all times - 35dBA, L10 (10 minutes); and
- b. Noise shall be measured and assessed in accordance with "NZS6801:2008 Measure of Sound", and "NZS6802:2008 Assessment of Environmental Sound".

5. The requiring authority shall, at its expense, provide an acoustic report from a suitably qualified, experienced and recognised acoustic engineer within three months of the installation and commissioning of each of the proposed two transformers demonstrating compliance with the noise levels permitted in condition (d) above. The acoustic report shall be submitted to the Manager, Resource Consents and Compliance.

6. The electricity substation shall be designed and constructed so that it can continue to operate during 1% annual exceedance probability flood events.

7. The electricity substation shall comply with New Zealand electric and magnetic field reference limits as documented in the National Radiation Laboratory publication "Electric Magnetic Fields and Your Health" (2001).

8. The requiring authority shall, at its expense, provide a report from a suitably qualified, experienced and recognised electrical engineer within three months of the installation and commissioning of each of the proposed two transformers demonstrating compliance with the electric and magnetic field reference limits permitted in condition (g) above. The report shall be submitted to the Manager, Resource Consents and Compliance.

9. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

10. Noise from construction activities shall not exceed the limits specified in, and shall be measured and assessed in accordance with, the New Zealand Standard NZS 6803:1999, Acoustics - Construction Noise.

11. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- a. A statement on the relevant Plan objectives, policies and rules; and
- b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

12. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Advice Notes

1. The requiring authority has confirmed that if, at the time of construction, the adjoining property owners agree, it will replace the existing side boundary fences with 1.8m close boarded fences.
2. That major earthworks may require a regional consent from the Auckland Council.

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Attachments

No attachments.

8854 Sabulite Substation

Designation Number	8854
Requiring Authority	Vector Ltd
Location	44-50 Sabulite Road, Kelston
Rollover Designation	Yes
Legacy Reference	Designation V2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8855 Te Atatu Substation

Designation Number	8855
Requiring Authority	Vector Ltd
Location	28 Royal View Road, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation V3, Auckland Council District Plan (Waitakere Section) 2003

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8856 Hobsonville Substation

Designation Number	8856
Requiring Authority	Vector Ltd
Location	1 Trig Road, Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation V4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be

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carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8857 Swanson Substation

Designation Number	8857
Requiring Authority	Vector Ltd
Location	606 Swanson Road, Swanson
Rollover Designation	Yes
Legacy Reference	Designation WCCV5, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- A statement on the relevant Plan objectives, policies and rules; and
- A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the

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designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8858 Triangle Substation

Designation Number	8858
Requiring Authority	Vector Ltd
Location	173-183 Triangle Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation V6, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8859 Atkinson Road Substation

Designation Number	8859
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Requiring Authority	Vector Ltd
Location	86 Atkinson Road, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation V7, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8860 Simpson Road Substation

Designation Number	8860
Requiring Authority	Vector Ltd
Location	171 Simpson Road, Henderson
Rollover Designation	Yes
Legacy Reference	Designation V8, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

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Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8861 Laingholm Substation

Designation Number	8861
Requiring Authority	Vector Ltd
Location	449 Huia Road, Laingholm
Rollover Designation	Yes
Legacy Reference	Designation V9, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Description

Electricity works (substation).

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. A statement on the relevant Plan objectives, policies and rules; and
 - b. A statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's

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principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Note:

That major earthworks may require a regional consent from the Auckland Council.

Attachments

No attachments.

8862 Takanini Substation

Designation Number	8862
Requiring Authority	Vector Ltd
Location	496 Mill Road, Ardmore
Rollover Designation	Yes
Legacy Reference	Designation 7, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8863 Papakura Substation

Designation Number	8863
Requiring Authority	Vector Ltd
Location	6 Smiths Avenue, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 26, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

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No conditions.

Attachments

No attachments.

8864 Red Beach Substation

Designation Number	8864
Requiring Authority	Vector Ltd
Location	32A Red Beach Road, Red Beach
Rollover Designation	Yes
Legacy Reference	Designation 615, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8865 Kaukapakapa Substation

Designation Number	8865
Requiring Authority	Vector Ltd
Location	1 Wyn Close, Kaukapakapa
Rollover Designation	Yes
Legacy Reference	Designation 616, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	29 July 2021

Description

Electricity works (substation).

Conditions

General

1. The activity shall proceed in general accordance with the Notice of Requirement submitted to Council dated March 2009 and plans drawn by Construkt Architects Limited numbered 202, 401 and 402 (all dated July 2009), provided that the colours shall be as set out below (or their current equivalent if those colours are no longer manufactured):

- i. Roof - Colorsteel "karaka";
- ii. Base panels, steel doors, and timber work - Resene "karaka"; and
- iii. Balance wall panels - Resene "double ash".

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Provided further that no element of the proposed substation building shall exceed the 9m height limit above existing ground level and the height in relation to boundary control on the eastern boundary shall not be infringed.

Outline Plan

2. If either the final design and layout of the substation does not reflect the design and layout submitted with the Notice of Requirement, or if there are any future additional works proposed that are not permitted by the District Plan, an outline plan shall be submitted in accordance with section 176A of the Resource Management Act 1991 to the Auckland Council, before any construction is commenced. However, where the future additional work is in accordance with the Notice of Requirement or is permitted by the District Plan, then the requirement for an Outline Plan is waived under section 176A(2).

Landscape Plan

3. The landscaping plan (Isthmus Group Ltd, Job No. 2658 Figure 5, dated March 2009) shown in Appendix 15Z(i), shall be implemented during the first planting season after the construction of the substation. (Provided that the 15 phormium tenax (flax) along the eastern boundary shown on that landscape plan shall be replaced with griselinia littoralis.) The landscaping shall be maintained thereafter for the term of the designation.

Boundary Planting

4. The boundary planting comprising both the new planting and the existing planting, and which occupies the area shown on the Covenant Plan (dated July 2009), shall be retained on site for the period which the site is occupied by the substation provided that this condition shall not prevent cables or other services (including stormwater) that may need to be installed across the covenanted area.

Notwithstanding condition 3, the new boundary planting identified in the landscaping plan shall be planted within the first planting season after the designation is incorporated into the Auckland Unitary Plan and shall thereafter be maintained for the duration of the designation.

Arborist Supervision

5. An independent suitably qualified arborist is required to be onsite to supervise the earthworks associated with any works which may affect the driplines and root systems of the boundary trees. Any boundary trees that die as a result of the earthworks will be immediately replaced, in accordance with condition 4 above.

Arborist Work

6. Any alteration to vegetation on the site shall be undertaken in accordance with the report prepared by Nigel Clough of Tree Solutions dated 01 June 2009. This includes:

- a. The proposed works hereby approved shall proceed in strict accordance with the details set out in the description of works attached to this consent along with any recommendations noted.
- b. The removal of the subject vegetation shall be undertaken by a suitably qualified arborist, using currently accepted arboricultural dismantling methods and practices, in a manner so as to cause no damage to other vegetation on the site.
- c. That the trimming of the boundary vegetation shall be undertaken by a suitably qualified arborist, using currently accepted arboricultural pruning methods and standards.
- d. That the trimming of the boundary vegetation be undertaken prior to the commencement of development works on site.
- e. That no more of the canopy of boundary vegetation be removed than is necessary to accommodate the proposed substation and allow an unimpeded work space.
- f. That suitable fencing is erected around all vegetation prior to the commencement of works on the site.
- g. The protective fencing is to remain in place until the completion of works on the site.
- h. That Council is informed as to when the proposed planting works have been completed.

Stormwater

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7. Provide onsite detention to limit post development flows to pre development flows in the 1 in 10 year storm events. Details of the design and management of any stormwater infrastructure required shall be prepared and shall be submitted to the Council at least 3 months prior to commencement of construction of the substation.

Fencing

8. The applicant shall construct a post and batten fence matching the existing fence around the perimeter of the substation site (which will be gated) prior to the substation becoming operational.

Traffic Management Plan

9. Prior to any construction being undertaken, a temporary Traffic Management Plan shall be submitted to the Council and be approved by the Team Leader Resource consents in consultation with the Road Controlling Authority (i.e. Auckland Transport), should any on-street loading or reversing of trucks onto the road be required.

Access

10. The following measures shall be implemented prior to the operation of the substation:

- a. Driveway, access and parking/loading area to be constructed to a best practice standard; and
- b. A turning area of a permeable surfacing to reduce stormwater runoff shall be provided to allow vehicles to perform a 180° turn to avoid reversing onto the street.

Operation Noise

11. The noise level (L10) as measured within the boundary of any other site should not exceed the following limits:

Mon to Friday: 0700-1800 hours	45dBA
At all other times including public holidays	40dBA

The noise level shall be measured in accordance with the requirements of NZS6801:2008 Measurement of Sound and assessed in accordance with the requirements of NZS6802:2008 Assessment of Environmental Sound.

12. (construction noise) Construction activity on the site shall only occur between the following hours:

- a. Monday to Friday 7:00am to 7:00pm; and
- b. Saturday 8:00am to 1:00pm.

All construction noise shall comply with and be measured and assessed in accordance with, NZS6803:1999, Acoustics — Construction Noise.

13. (archaeological) If any artefact, including human remains is exposed during any site works the following procedures shall apply:

- a. Immediately when an artefact is unearthed, all site works shall cease;
- b. The site supervisor shall immediately secure the area in a way that ensures any artefacts or remains are untouched; and
- c. The site supervisor shall notify the following groups that an archaeological site has been unearthed, so that appropriate action can be taken:
 - i. Tangata whenua;
 - ii. The New Zealand Historic Places Trust;
 - iii. The Department of Conservation;
 - iv. The Council's RMA Compliance Administration Officer (telephone 0800426 5169); and
 - v. In the case of human remains the police.

Electric Magnetic Field Measurements

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14. The installation shall at all times not exceed the reference levels for public exposure to 50 Hz electric and magnetic fields set out in the International Commission on Non-Ionising Radiation Protection (ICNIRP): electric field strength: 5 kV/m and magnetic flux density: 100 microtesla.

Electric Magnetic Field Measurements

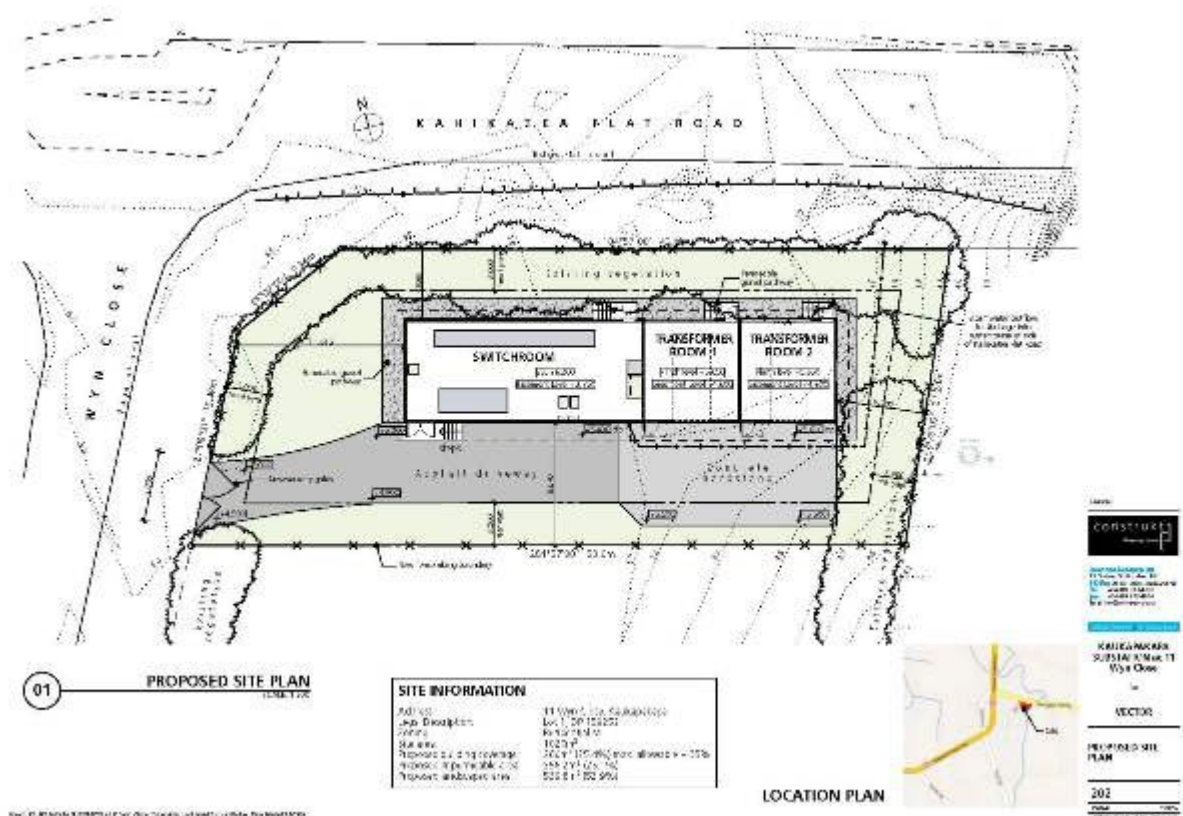
15. The Requiring Authority shall engage a suitably qualified person to carry out measurement of the electric and magnetic fields emitting from this substation to confirm the compliance with the ICNIRP guidelines in effect at the time the substation is constructed. A report with measurement results shall be provided to Council within two months of the substation commencing operation and again within two months of the commencement of operation of the second transformer. The measurement results will be made available for viewing by the public.

Lapse of Designation

16. This designation shall lapse 10 years from the date it has been confirmed.

Attachments

Site Plan



Building Elevations

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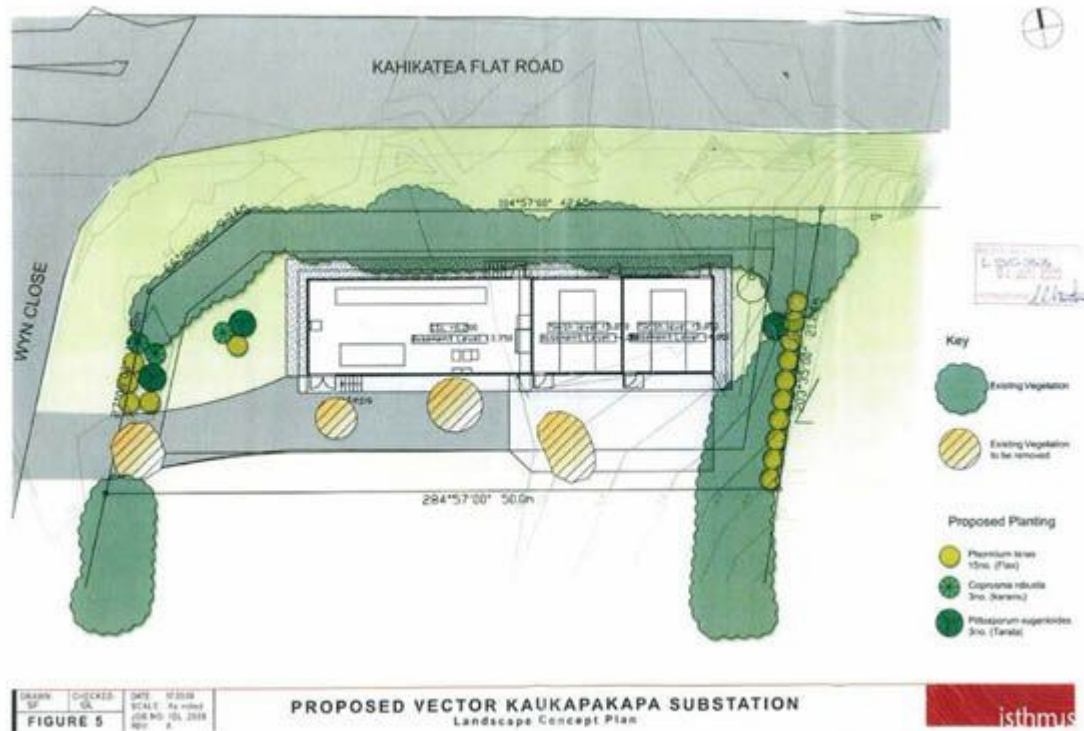


Building Sections



Landscape Concept Plan

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8866 Sandspit Substation

Designation Number	8866
Requiring Authority	Vector Ltd
Location	Mahurangi East Road (Lot 1 DP 426584), Snells Beach
Rollover Designation	Yes
Legacy Reference	Designation 617, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	29 July 2021 or five years from being operative in the Unitary Plan, whichever is the latter unless given effect to prior

Purpose

Substation.

Conditions

General

1. The activity shall proceed in general accordance with the Notice of Requirement submitted to Council dated 2 April 2009 and the plans drawn by Construkt Architects Limited, including the Proposed Site Plan dated 20/04/09, Basement & Ground Floor Plans and Building Sections plans dated 1/04/09, and the Building Elevation plan dated 7/07/09 all numbered L55148 and signed by Processing Planner Laura Christian, dated 08/06/09.

Outline Plan

2. If either the final design and layout of the substation does not reflect the design and layout submitted with the Notice of Requirement, or if there are any future additional works proposed that are not permitted by the District

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Plan, an outline plan shall be submitted in accordance with section 176A of the Resource Management Act 1991 to the Rodney District Council, before any construction is commenced. However, where the future additional work is in accordance with the Notice of Requirement or is permitted by the District Plan, then the requirement for an Outline Plan is waived under s176A(2).

Landscape Plan

3. The landscaping plan (Isthmus Group Ltd, Drawing 2633, Figure 5, dated 6/07/09) shown in Appendix 15AA(i), shall be implemented during the first planting season after the construction of the substation. The landscaping shall be maintained thereafter.

Fencing

4. The applicant shall construct a post and batten fence around the perimeter of the substation site prior to the substation becoming operational.

Traffic Management Plan

5. Prior to any construction being undertaken, a temporary Traffic Management Plan is required to be submitted to Council and approved by Manager - Resource consents and Compliance in consultation with Auckland Transport (the road controlling authority).

Access

6. The following measures shall be implemented prior to the operation of the substation:

- a. ☐ Driveway and access to be constructed to a best practice standard;
- b. A sightline covenant as shown in the plans provided with the subdivision application (to the east if the driveway) is to be established;
- c. The small bunch of agapanthus within the road reserve near the driveway crossing for 836 Sandspit Road is to be removed at the cost of the applicant, to the approval of the Manager - Resource Consents and Compliance;
- e. Further details of the drainage design for the driveway should be provided by the applicant, including culvert size and end treatment; and
- f. The open channel surrounding the driveway shall be built up to a slope no steeper than 1 in 4 on either side of the driveway.

Construction Noise

7. Noise from construction activities shall not exceed the limits recommended in and shall be measured and assessed in accordance with, NZS6803:1999, Acoustics — Construction Noise. Note that the noise limit between the hours of 2000 to 0630 weekdays, 1800 to 0630 Saturdays and at all times on Sundays and Public Holidays, may mean that no construction work can take place.

8. (operation noise) The operational noise from the substation shall not exceed the following limits at the notional boundary (notional boundary is defined as a line 20m from the side of a rural dwelling existing as at 1 April 2009, or the legal boundary where this is closer to the dwelling):

- a. Monday to Saturday: 6:00am to 6:00pm 55 dBA Leq;
- b. Sundays & Public Holidays: 6:00am to 6:00pm 50 dBA Leq; and
- c. At all other times: 45 dBA Leq 75 dBA Lmax.

Archaeological

9. If any artefact, including human remains is exposed during any site works the following procedures shall apply:

- a. Immediately when an artefact is unearthed, all site works shall cease; and
- b. The site supervisor shall immediately secure the area in a way that ensures any artefacts or remains are untouched; and
- c.. The site supervisor shall notify the following groups that an archaeological site has been unearthed,

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so that appropriate action can be taken:

- Tangata whenua,
- The New Zealand Historic Places Trust;
- The Department of Conservation;
- The Council's RMA Compliance Administration Officer (telephone 301 0101); and
- In the case of human remains the New Zealand Police.

Lapse

10. This designation shall lapse 10 years from the date it has been confirmed.

Attachments

Proposed Vector Sandspit Substation Landscape Concept Plan



8867 McKinnon Substation

Designation Number	8867
Requiring Authority	Vector Ltd
Location	1 Don McKinnon Drive, Albany
Rollover Designation	Yes
Legacy Reference	Designation 157, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e no lapse date)

Purpose

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Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8868 Bush Road Substation

Designation Number	8868
Requiring Authority	Vector Ltd
Location	179 Bush Road, Rosedale
Rollover Designation	Yes
Legacy Reference	Designation 63, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8869 Browns Bay Substation

Designation Number	8869
Requiring Authority	Vector Ltd
Location	59 Anderson Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 64, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

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Attachments

No attachments.

8870 Belmont Substation

Designation Number	8870
Requiring Authority	Vector Ltd
Location	161-167 Bayswater Avenue, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 65, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8871 Birkdale Substation

Designation Number	8871
Requiring Authority	Vector Ltd
Location	82A Eskdale Road, Birkenhead
Rollover Designation	Yes
Legacy Reference	Designation 66, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8872 Balmain Substation

Designation Number	8872
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Requiring Authority	Vector Ltd
Location	5A Balmain Road, Birkenhead
Rollover Designation	Yes
Legacy Reference	Designation 67, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8873 Quay Substation

Designation Number	8873
Requiring Authority	Vector Ltd
Location	16-18 Plumer Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 287, Auckland Council District Plan (Central Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8874 Hobson Substation

Designation Number	8874
Requiring Authority	Vector Ltd
Location	13-21 Hobson Street, Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 289, Auckland Council District Plan (Central Section) 2005
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8875 East Coast Road Substation

Designation Number	8875
Requiring Authority	Vector Ltd
Location	497 East Coast Road, Mairangi Bay
Rollover Designation	Yes
Legacy Reference	Designation 68, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8876 James Street Substation

Designation Number	8876
Requiring Authority	Vector Ltd
Location	27 James Street, Glenfield
Rollover Designation	Yes
Legacy Reference	Designation 69, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

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No conditions.

Attachments

No attachments.

8877 Greenhithe Substation

Designation Number	8877
Requiring Authority	Vector Ltd
Location	220 Kyle Road, Greenhithe
Rollover Designation	Yes
Legacy Reference	Designation 70, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8878 Hauraki Substation

Designation Number	8878
Requiring Authority	Vector Ltd
Location	1B Jutland Road, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 71, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8879 Highbury Substation

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Designation Number	8879
Requiring Authority	Vector Ltd
Location	18 Highbury Bypass, Birkenhead
Rollover Designation	Yes
Legacy Reference	Designation 72, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8880 Milford Substation

Designation Number	8880
Requiring Authority	Vector Ltd
Location	2B East Coast Road, Milford
Rollover Designation	Yes
Legacy Reference	Designation 73, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8881 Northcote Substation

Designation Number	8881
Requiring Authority	Vector Ltd
Location	51 Lake Road, Northcote
Rollover Designation	Yes

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Legacy Reference	Designation 74, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8882 Sunset Road Substation

Designation Number	8882
Requiring Authority	Vector Ltd
Location	228 Sunset Road, Mairangi Bay
Rollover Designation	Yes
Legacy Reference	Designation 75, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8883 Hillcrest Substation

Designation Number	8883
Requiring Authority	Vector Ltd
Location	27 Northcote Road, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 76, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8884 Torbay Substation

Designation Number	8884
Requiring Authority	Vector Ltd
Location	40A Glenvar Road, Torbay
Rollover Designation	Yes
Legacy Reference	Designation 77, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8885 Wairau Valley Substation

Designation Number	8885
Requiring Authority	Vector Ltd
Location	4A Wairau Road, Torbay
Rollover Designation	Yes
Legacy Reference	Designation 78, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

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Attachments

No attachments.

8886 Waiake Substation

Designation Number	8886
Requiring Authority	Vector Ltd
Location	53 Carlisle Road, Browns Bay
Rollover Designation	Yes
Legacy Reference	Designation 79, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8887 Forrest Hill Substation

Designation Number	8887
Requiring Authority	Vector Ltd
Location	248A East Coast Road, Forrest Hill
Rollover Designation	Yes
Legacy Reference	Designation 80, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8888 Takapuna Substation

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Designation Number	8888
Requiring Authority	Vector Ltd
Location	29 Huron Street, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 81, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8889 Tomarata Substation

Designation Number	8889
Requiring Authority	Vector Ltd
Location	Pakiri Block Road (Pt Sec 9 SO 45197), Tomarata
Rollover Designation	Yes
Legacy Reference	Designation 601, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Ten years from being operative in the Unitary Plan unless given effect to prior

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8890 Wellsford Substation

Designation Number	8890
Requiring Authority	Vector Ltd
Location	1423 State Highway 1, Wellsford
Rollover Designation	Yes

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Legacy Reference	Designation 602, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8891 Omaha Substation

Designation Number	8891
Requiring Authority	Vector Ltd
Location	Leigh Road (Pt Allot 31 SO 64696), Big Omaha
Rollover Designation	Yes
Legacy Reference	Designation 603, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Ten years from being operative in the Unitary Plan unless given effect to prior

Purpose

Electricity works (substation).

Conditions

Outline Plan

1. An outline plan shall be submitted in accordance with section 176A of the Resource Management Act 1991 to the council before any construction is commenced.

Landscape Plan

2. An outline plan submitted to council shall include a detailed landscape plan, including an implementation and maintenance programme.

3. The plan shall include details of the plant sizes at the time of planting and intended species. Preference should be given to the use of indigenous species, with a further preference for the use of local genetic stock. Such a plan shall include appropriate measures to reduce adverse effects on visual amenity and to provide screening of the substation building viewed from neighbouring properties and Omaha Valley Road, Leigh Road and Quintal Road.

Operational Noise

4. Table 16.9.2.1.2(i): Noise Received in Rural Zones (Leq) of the Auckland Council District Plan (Rodney Section) 2011.

	Noise Limits dBA Leq
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Within the Notional boundary ¹	Mon-Sat 6.00am-6.00pm	Sundays and Public Holidays 6:00am-6:00pm	Sundays and Public Holidays 7:00am-10:00pm
Low background noise level ²	50 dBA	45 dBA	40 dBA and 70 dBA Lmax
High background noise level ³	50 dBA	50 dBA	45 and 75 dBA Lmax

Notes:

1. For the purposes of this Rule the notional boundary is a line 20m from the side of a building used for residential purposes, or used as a childcare facility for not more than 10 children, or the legal boundary where this is closer to the building used for residential purposes or used as a childcare facility for not more than 10 children.
2. Group A background noise level sites include all those not specified as Group B.
3. Group B background noise level sites are those located adjacent to Retail Service, Mixed Use and Industrial Zones, or where the site is located within 70m of any Strategic Route, Regional Arterial Road, Future Arterial Road or District Arterial Road.

Attachments

No attachments.

8892 Warkworth Substation

Designation Number	8892
Requiring Authority	Vector Ltd
Location	Matakana Road (Pt Allot 37 SO 1150), Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 604, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8893 Snells Beach Substation

Designation Number	8893
Requiring Authority	Vector Ltd
Location	23 Dawson Road, Snells Beach
Rollover Designation	Yes
Legacy Reference	Designation 605, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8894 Orewa Substation

Designation Number	8894
Requiring Authority	Vector Ltd
Location	140 West Hoe Heights, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 606, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8895 Spur Road Substation

Designation Number	8895
Requiring Authority	Vector Ltd
Location	East Coast Road (Pt Allot 207 SO 40267), Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 607, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

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No attachments.

8896 Manly Substation

Designation Number	8896
Requiring Authority	Vector Ltd
Location	42-44 Homestead Road, Manly
Rollover Designation	Yes
Legacy Reference	Designation 608, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8897 Gulf Harbour Substation

Designation Number	8897
Requiring Authority	Vector Ltd
Location	91 Gulf Harbour Drive, Hobbs Bay
Rollover Designation	Yes
Legacy Reference	Designation 609, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

Outline Plan

1. An outline plan shall be submitted in accordance with s. 176A of the Resource Management Act (1991) to the council before any construction is commenced.

Landscape Plan

2. An outline plan submitted to council shall include a detailed landscape plan, including an implementation and maintenance programme.

3. The plan shall include details of the plant sizes at the time of planting and intended species. Preference should be given to the use of indigenous species, with a further preference for the use of local genetic stock. Such a plan shall include appropriate measures to reduce adverse effects on visual amenity and to provide screening of the substation building viewed from neighbouring properties and Gulf Harbour Drive, Harbour Village

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Drive and Laurie Southwick Parade.

Operational Noise

4. Table 16.9.2.1.1: Noise in Residential Zones (Leq) of the Auckland Council District Plan (Rodney Section) 2011.

	Noise Limits dBA Leq			
	Mon-Sat 7.00am- 7.00pm	Mon-Sat 7.00am- 10.00pm	Sundays and Public Holidays 7:00am-10:00pm	At all other times
Low background noise level ¹	45 dBA	40 dBA	40 dBA	35 dBA 50 dB @ 63 Hz 45 dB @ 125 Hz 70 dBA L(max)
High background noise level ²	50 dBA	45 dBA	45 dBA	40 dBA 55 dB @ 63Hz 50 dB @ 125Hz 75 dBA L(max)

Notes:

1. Low background noise level sites include all those not specified as having a high background noise level.
2. High background noise level sites are those having a common boundary with Retail Service, Mixed Business and Industrial Zones, or where the site is located within 70m of any Strategic Route, Regional Arterial Road, Future Arterial Road or District Arterial Road.

(b) When measured noise levels are assessed against the limits of Table 16.9.2.1.1, no adjustment shall be made for tonality as referred to in NZS 6802:1999 Appendix A.A6.2.

Attachments

No attachments.

8898 Helensville Substation

Designation Number	8898
Requiring Authority	Vector Ltd
Location	139-143 Awaroa Road and 52-56 Rautawhiri Road, Helensville
Rollover Designation	Yes
Legacy Reference	Designation 610, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

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Attachments

No attachments.

8899 Horseshoe Bush Substation

Designation Number	8899
Requiring Authority	Vector Ltd
Location	Horseshoe Bush Road (Pt Allot 141 SO 46462), Dairy Flat
Rollover Designation	Yes
Legacy Reference	Designation 611, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8900 Coatesville Substation

Designation Number	8900
Requiring Authority	Vector Ltd
Location	Glenmore Road (Pt Allot 619 SO 47367), Coatesville
Rollover Designation	Yes
Legacy Reference	Designation 612, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8901 Waimauku Substation

Designation Number	8901
Requiring Authority	Vector Ltd

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Location	1 Factory Road, Waimauku
Rollover Designation	Yes
Legacy Reference	Designation 613, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8902 Riverhead Substation

Designation Number	8902
Requiring Authority	Vector Ltd
Location	Riverhead Road (Lot 2 DP 152051), Riverhead
Rollover Designation	Yes
Legacy Reference	Designation 614, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8903 Ponsonby Substation

Designation Number	8903
Requiring Authority	Vector Ltd
Location	99 Lincoln Street, Ponsonby
Rollover Designation	Yes
Legacy Reference	Designation C06-05, Auckland City Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Electricity works (substation).

Conditions

No conditions.

Attachments

No attachments.

8904 Communications Hut (Radio)

Designation Number	8904
Requiring Authority	Vector Ltd
Location	505 and 509A Dairy Flat Highway (State Highway 17), Lucas Heights
Rollover Designation	Yes
Legacy Reference	Designation 83, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Communications hut (radio).

Conditions

No conditions.

Attachments

No attachments.

8905 Rosedale Substation

Designation Number	8905
Requiring Authority	Vector Ltd
Location	115 Rosedale Road, Rosedale
Rollover Designation	Yes
Legacy Reference	Designation 81, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior

Purpose

Electricity works (substation).

Conditions

1. General

a. That the scope and extent of the works within the designated area be in accordance with the Notice of

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requirement, dated 20 December 2012, for the designation of land for “Electrical Works (Substation)”, at 115 Rosedale Road, Pinehill, being Lot 2 DP 459157. For reference, the design and layout plans submitted with the Notice of Requirement are:

Plan	Drawing Number	Dated:
Concept Site Plan – Stage 2	V7-SK02 - Revision 1	07.12.2012
Site Layout and Services	4528-8021 – Revision E Sheet 1	14.12.2012
Concept Sections	V7-SK06 – Revision 1	07.12.2012
Elevations	4258-8022 – Revision 3 Sheet 1	14.12.2012
Concept Elevations	V7-SK05	07.12.2012
Concept Site 3D Images	V7-SK07	07.12.2012
Landscape Plan	4258-8024 – Revision 4 Sheet 1	14.12.2012
Civil Layout and Stormwater Plan	CV-0001 – Revision D	18.12.2012
Erosion and Sediment Control Plan	CV-0003 – Revision A	13.12.2012

b. The designation shall lapse on the expiry of a period of 10 years after the date it is included in the Auckland Council District Plan (North Shore Section) in accordance with section 184(1)(c) of the Resource Management Act 1991, unless:

- i. It is given effect to before the end of that period; or
- ii. The Auckland Council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period under section 184(2)(b) of the Act.

2. Outline Plan

The requirement for an Outline Plan has been waived but if the design and layout of the substation does not reflect the design and layout submitted with the Notice of Requirement in accordance with Condition 1, or in the case of any future works, an Outline Plan shall be submitted in accordance with section 176A of the Resource Management Act 1991 to the Auckland Council – Northern Resource Consenting and Compliance (Takapuna Service Centre) unless the works are permitted under the provisions of the Auckland Council District Plan (North Shore Section).

3. Noise

a. The substation will comply with the following noise control:

At the boundary of any other site	At all times	70dBA L _{eq}
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b. Noise shall be measured in accordance with the requirements of NZS6801.2008 'Acoustics – Measurement of Environmental Sound' and assessed in accordance with NZS 6802:2008 'Acoustics – Environmental Noise'. Noise shall be measured with a sound level meter complying with the international standard Sound Level Meters, Type 1.

4. Electricity Supply and Distribution Statutes and Regulations

a. The substation shall at all times not exceed the reference levels for public exposure to 50Hz electric and magnetic fields set out in the International Commission on Non-Ionising Radiation Protection 2010 (ICNIRP) at the site boundaries.

b. Within 6 months of the substation commencing operation, a noise monitoring report and EMF report with measurement results shall be provided to Auckland Council Northern Office to confirm the compliance with noise limits set in Condition 3(a) and EMF limits set in Condition 4(a) when the substation is at full capacity and at peak loads.

5. Tree Protection and Landscaping

The landscaping shall be undertaken in general accordance with the Vector Limited Drawing 4258-8024 Revision 4 and shall be completed in the first planting season after the construction of the substation.

6. Earthworks, Erosion and Sediment Control

a. The sediment and erosion control plan (SKM Drawing CV-0003 Revision A) shall be implemented during the bulk earthworks.

b. Development shall take account of any recommendations of existing or future geotechnical reports. A copy of any future report obtained shall be provided for the records of the Council.

7. Stormwater and Flooding Potential

The detailed design of the stormwater management system for the site shall be designed and constructed in accordance with the report and supporting plans and documents prepared by SKM titled "Rosedale Flood Assessment Report" (Reference ZP01221), dated 13 December 2012 (Reference ZP01221), and SKM Drawing No. CV-001 – Revision D dated 18 December 2012.

8. Traffic Management

A Traffic Management Plan shall be prepared and submitted to Auckland Transport prior to commencement of the construction of the substation.

9. Hazardous Substances

A site management plan shall be prepared and implemented to address the following:

- a. Monitoring and maintenance of the transformer and the containment systems.
- b. Site housekeeping.
- c. Emergency and spill contingency procedures.

10. Archaeology

In the event that any archaeological sites or remains are discovered during the earthworks, then the works at that place of discovery will cease immediately. The New Zealand Historic Places Trust, kaumatua representing the local Tangata Whenua, the Auckland Council, and the New Zealand Police as appropriate, shall be contacted. Work shall only recommence in the affected area when any necessary statutory authorisations or consents have been obtained.

11. Fencing

The site shall be fully fenced and gated.

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Attachments

No attachments.

R8906 Hillsborough Substation

Designation Number	R8906
Requiring Authority	Vector Ltd
Location	105 Hillsborough Road, Hillborough
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. The substation equipment is to be fully enclosed within a building.
2. The maximum height of the substation building will be 8.5m.
3. The substation building will have a minimum set-back from the Hillsborough Road boundary of 2.5m.
4. The substation building will have a minimum set-back from the northern residential boundary of 6m.
5. The substation will comply with the following noise controls:

At the boundary of any Residential Zoned Site	At all times	L _{eq} 45dBA
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6. The substation shall at all times not exceed the reference levels for public exposure to 50 Hz electric and magnetic fields set out in the International Commission on Non-Ionising Radiation Protection 2010 (ICNIRP) at the site boundary.

Attachments

No attachments.

R8907 Nicholas Street Substation

Designation Number	R8906
Requiring Authority	Vector Ltd
Location	10 Nicholas Street, Auckland Central
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

Electricity works (substation).

Conditions

1. The substation equipment is to be fully enclosed within a building.
2. The substation will comply with the following noise controls:

At 1m from the façade of any adjacent occupied building.	At all times	Leq 60dBA
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3. The substation shall at all times not exceed the reference levels for public exposure to 50 Hz electric and magnetic fields set out in the International Commission on Non-Ionising Radiation Protection 2010 (ICNIRP) at the site boundary. 4. Appropriate sediment and erosion control measures shall be employed for any earthworks on the site.

Attachments

No attachments.

R8908 Waitakere Substation

Designation Number	R8908
Requiring Authority	Vector Ltd
Location	3 Bethells Road, Waitakere Village
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Electricity works (substation).

Conditions

1. The substation equipment is to be fully enclosed within a building.
2. The substation building will have a minimum set-back from the front boundary of 6m.
3. The maximum height of the substation building will be 8.5m.
4. The substation will comply with the following noise controls at the boundary of other adjoining sites at all times:

At the boundary of any other Working Environment Zoned Site	At all times	Leq 65dBA
At the boundary of any Residential Zoned Site	At all times	Leq 45dBA

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5. At no time between the hours of 2200 and 0700 shall any outdoor lighting be used in a manner that the use of such lighting causes an added luminance in excess of 20 lux measured horizontally or vertically at any point along the boundary of any adjoining residential zoned site.

6. The substation shall at all times not exceed the reference levels for public exposure to 50 Hz electric and magnetic fields set out in the International Commission on Non-Ionising Radiation Protection 2010 (ICNIRP) at the site boundary.

7. A landscaping plan shall be submitted with the first Outline Plan and will be implemented in the first planting season after the construction of the substation.

8. Appropriate sediment and erosion control measures shall be employed for any earthworks on the site.

Attachments

No attachments.

R8909 Warkworth Substation

Designation Number	R8909
Requiring Authority	Vector Ltd
Location	5 Glenmore Drive, Warkworth
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Electricity works (substation).

Conditions

1. The substation equipment is to be fully enclosed within a building.
2. The substation building will have a minimum set-back from the rear boundary of 6m.
3. The maximum height of the substation building will be 8.5m.
4. The substation will comply with the following noise controls at the boundary of other adjoining sites at all times:

At the boundary of any other Working Environment Zoned Site	At all times	Leq 65dBA
At the boundary of any Residential Zoned Site	At all times	Leq 45dBA

5. At no time between the hours of 2200 and 0700 shall any outdoor lighting be used in a manner that the use of such lighting causes an added luminance in excess of 20 lux measured horizontally or vertically at any point along the boundary of any adjoining residential zoned site.

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6. The substation shall at all times not exceed the reference levels for public exposure to 50 Hz electric and magnetic fields set out in the International Commission on Non-Ionising Radiation Protection 2010 (ICNIRP) at the site boundary.

7. A landscaping plan shall be submitted with the first Outline Plan and will be implemented in the first planting season after the construction of the substation.

8. Appropriate sediment and erosion control measures shall be employed for any earthworks on the site.

Attachments

No attachments.

R8910 Westgate Substation

Designation Number	R8910
Requiring Authority	Vector Ltd
Location	1 Westgate Drive, Westgate
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

Purpose

Electricity works (substation).

Conditions

1. The substation equipment is to be fully enclosed within a building.

2. The maximum height of the substation building will be 8.5m.

3. The substation will comply with the following noise controls:

At the boundary of any other site	At all times	L _{eq} 65dBA
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4. The substation shall at all times not exceed the reference levels for public exposure to 50 Hz electric and magnetic fields set out in the International Commission on Non-Ionising Radiation Protection 2010 (ICNIRP) at the site boundary.

5. A landscaping plan shall be submitted with the first Outline Plan and will be implemented in the first planting season after the construction of the substation.

6. Appropriate sediment and erosion control measures shall be employed for any earthworks on the site.

Attachments

No attachments.

R8911 Clevedon Substation

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Designation Number	R89011
Requiring Authority	Vector Ltd
Location	1 Papakura-Clevedon Road, Papakura
Rollover Designation	No
Legacy Reference	N/A
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Electricity works (substation).

Conditions

1. The substation equipment is to be fully enclosed within a building.
2. The substation shall at all times not exceed the reference levels for public exposure to 50 Hz electric and magnetic fields set out in the International Commission on Non-Ionising Radiation Protection 2010 (ICNIRP) at the site boundary.

Attachments

No attachments.

Vector Gas Ltd

Designation Schedule - Vector Gas Ltd

Number	Purpose	Location
9100	Gas transmission pipeline	102 Amreins Road, Taupaki to Inland Road (near Kaipara Coast Highway), Kaukapakapa
9101	Gas transmission pipeline	102 Amreins Road, Taupaki to 109 Vipond Road, Topuni
9102	Gas transmission pipeline	100 Highbrook Drive, Waiouru Peninsula to 102 Amreins Road, Taupaki
9104	Gas transmission pipeline	Mill Road (Waikato District Council boundary), Pukekohe to 65 Highbrook Drive, East Tamaki

9100 Taupaki to Kaukapakapa Gas Pipeline

Designation Number	9100
Requiring Authority	Vector Gas Ltd
Location	102 Amreins Road, Taupaki to Inland Road (near Kaipara Coast Highway), Kaukapakapa
Rollover Designation	Yes
Legacy Reference	Designation 618, Auckland City Council District Plan (Rodney Section) 2011
Lapse Date	10 years from being operative in the Unitary Plan unless given effect to prior

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Purpose

1. Purpose of the Designation

1.1 The designation by Vector Gas Limited (Vector) is for:

- a. The design, construction, operation, maintenance, repair, upgrade and renewal of a new gas transmission pipeline and ancillary facilities between Vector's Taupaki Compressor Station (known as the Henderson Valley Compressor Station) at Amreins Road, Taupaki and Ararimu Road near Waitoki (a length of approximately 19.5 kilometres).
- b. The design, construction, operation, maintenance, repair, upgrade and renewal of a new gas transmission pipeline and ancillary facilities between Ararimu Valley Road and Punganui Station, Kaukapakapa (a length of approximately 9.5 kilometres).
- c. The design, construction, operation, maintenance, repair, upgrade and renewal of new off take and other facilities at the Henderson Valley Compressor Station.
- d. The design, construction, operation, maintenance, repair, upgrade and renewal of new gas metering and pressure regulation equipment and ancillary facilities (known as a "delivery point") at Punganui Station, Kaukapakapa.

1.2 For the purposes of these conditions following construction of the pipeline the designation is subject to the following limitations:

- i. Renewal shall be limited to works on the gas transmission pipeline and will be limited to the replacement of sections of the pipeline with sections having equivalent diameter and maximum allowable operating pressure, and no more than 50 lineal metres of pipeline will be excavated at any particular time.
- ii. Upgrade will be limited to adding or replacing above ground components, provided the relevant district plan permitted activity standards are complied with.

1.3 The designation affects land legally described in Appendix 2 "Schedule of Affected Land" of Volume 3 of the Notice of Requirement for Designation submitted to Rodney District Council, entitled "Rodney Natural Gas Pipeline Route Designation" (Reference 5672-R-002, Volume 1 Rev 0, Volume 2 Rev 1 and Volume 3 Rev 1, including amended plan 5672-504-0185 Rev 1) and the plan 5672-504-0100 Rev 1 attached as Appendix 15AC(i) to these conditions.

Conditions

2. Description of the Designation

2.1 The designation shall be described in the Unitary Plan as "Gas Transmission Purposes".

3. Lapsing Period

Pursuant to s 184(1)(c) of the Resource Management Act 1991 (RMA), the period during which the designation shall not lapse, unless given effect to, shall be ten years commencing from the date the designation is included in the Unitary Plan. In relation to the property identified as Lots 4, 6, 7 and 8 DP 211520 the lapse period shall be five years commencing from the date the designation is included in the Unitary Plan.

4. Outline Plan

Council's acceptance of the Construction Management Plan, Traffic Management Plan, Construction Noise Management Plan and Reinstatement Management Plan required to be submitted under Conditions 7.1, 7.8, 7.23 and 10.1 respectively shall constitute approval under the RMA, of the details of that part of the proposed project or work that comprises conventional cut and cover excavation, and trenchless construction techniques including horizontal directional drilling for the purposes of s176A(2)(a) RMA, so that no Outline Plan for that part of the construction phase of the project or work need be submitted to the Council.

For the avoidance of doubt, the Council waives any requirement for the Requiring Authority to submit an Outline Plan for the construction phase of project or work under s176A(2)(c) RMA where the work comprises conventional cut and cover excavation and trenchless construction techniques including horizontal directional

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drilling but may require an Outline Plan for future maintenance, repair, renewal or upgrading activities.

5. Conditions

The Designation shall be subject to the following conditions:

Unless the context otherwise requires, references in the following conditions to "the Council" shall be deemed to be references to the Auckland Council's Chief Executive Officer or nominee.

6. General Conditions

6.1 Subject to these conditions, all works shall be undertaken in general accordance with:

- a. The plans and information submitted by Vector in support of the Notice of Requirement in the documents entitled "Rodney Natural Gas Pipeline Route Designation" (Reference 5672-R-002, Volume 1 Rev 0, Volume 2 Rev 1 and Volume 3 Rev 1), and the plan 5672-504-0100 Rev 1 attached as Appendix 15AC(i) to these conditions; and
- b. The evidence and submissions presented on behalf of Vector at the Hearings before Rodney District Council Commissioners on 5 June and 29 June 2009, including, in particular, Appendix 8 to Mr Owen McBride's evidence dated 5 June 2009 as elaborated on in Mr Owen McBride's evidence dated 22 June 2009.

Notice

6.2 The Requiring Authority shall give written notice of:

- a. The likely commencement date for the works pursuant to the designation; and
 - b. The expected timeframe for the construction programme;
- to the Council, NZTA, KiwiRail and landowners along and adjacent to the designation not less than twelve months and again not less than six months prior to entry for construction. The Requiring Authority shall provide to the Council a list of the landowners notified pursuant to this condition and a copy of the information supplied to them.

Designation Width

6.3 The maximum width of the designation shall be as follows:

- a. For land within road reserve (along road reserve) – the width of the road or 25 metres whichever is the lesser. Within 3 months following the completion of construction Vector shall reduce the width to 6 metres pursuant to s182 of the Act;
- b. For land within road and/or rail reserve (across road reserve/state highway/rail) – 25m. Within 3 months following the completion of construction Vector shall reduce the width to 6 metres pursuant to s182 of the Act; and
- c. Areas other than road reserve - 25 metres or as shown on the plans attached as Appendix 3 of Volume 3 Rev 1 of the NOR except that, in relation to the property identified as Lot 1 DP 170384, the designated area shall be the area shown on Plan 5672-504-0100 Rev 1 attached as Appendix 15AC(i) to these conditions. Within 3 months following the completion of construction and registration of the easements Vector shall reduce the width to 12 metres pursuant to s182 of the Act.

6.3A In relation to the property identified as Lots 4, 6, 7 and 8 DP 211520 the designated area shall be the area shown on Plan 5672-504-0115 Rev 3 attached as Appendix 15AC(ii) to these conditions. The width of the designation shall be as shown on Plan 5672-504-115/118A Rev 1 attached as Appendix 15AC(iii) to these conditions (width labelled as "construction designation"). Within 3 months following the completion of construction and registration of easements Vector shall reduce the width to 12 metres pursuant to s182 of the Act, as also shown on Appendix 15AC(iii) (width labelled as "final designation"). For the avoidance of doubt the widths are:

- a. For lots 4, 6 and 7, an 18m construction designation, to be reduced to a 12m final designation within 3

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months following the completion of construction and registration of easements. The 12m final designation shall entirely overlap the existing easement area for the Vector and NZ Refining Company pipelines located on the property prior to this designation (existing easement area). See cross section “A” on Appendix 15AC(iii);

b. For the northern section of Lot 8 (being from the southern boundary of Lot 7 to the point marked “Point Y” on Appendix 15AC(iii) to these conditions), an 18m construction designation, to be reduced to a 12m final designation within 3 months following the completion of construction and registration of easements. The 12m final designation shall part overlap the existing easement area, with a 3m offset of additional area to the west of the existing easement area. See cross section “B” on Appendix 15AC(iii); and

c. For the southern section of Lot 8 (being from the point marked “Point Y” on Appendix 15AC(ii) to these conditions to the southern boundary of Lot 8), a 25m construction designation, to be reduced to a 12m final designation within 3 months following the completion of construction and registration of easements. The 12m final designation shall part overlap the existing easement area, with a 3m offset of additional area to the west of the existing easement area. See cross section “C” on Appendix 15AC(iii).

7. Construction

Construction Management Plan

7.1 The Requiring Authority shall submit a preliminary Construction Management Plan to the Council three months prior to commencing construction. The Requiring Authority shall then submit a detailed Construction Management Plan in final form to the satisfaction of the Council at least one month prior to commencing construction. The Construction Management Plan shall include the construction drawings and procedures, methods and measures to be applied during the construction phase to address:

- a. Liaison with the Council, affected parties, utility owners and the general public;
- b. Construction methodology for conventional cut-and-cover excavation;
- c. Construction methodology for trenchless construction techniques including horizontal directional drilling;
- d. Construction work within road reserves and state highways;
- e. Likely work programme;
- f. Noise control;
- g. Dust control, including:
 - i. specific reference to protection of power transmission lines; and
 - ii. the avoidance or remediation of dust effects on residential dwellings and residential water supplies;
- h. Earthworks and sediment control, including vegetation control, and disposal of unsuitable and/or surplus material;
- i. Provision for fencing so as to enable continued operation of the land use activities on the properties through which the designation passes;
- j. Location, protection and provision of alternative supply in the event of disruption of existing utilities;
- k. Management of issues raised by affected parties during construction including contact details for key Vector construction personnel and systems for investigation, recording and reporting actions taken to resolve issues raised;
- l. Construction techniques for the crossing of waterways; and
- m. An environmental mitigation plan setting out the management of fauna and flora associated with natural areas (aquatic, riparian and terrestrial) within the designation.

Construction Plans

7.2 The construction plans described in Condition 7.1 shall include detailed engineering plans of the pipeline route. The plans shall include long sections and cross sections (where necessary) detailing the alignment and level of the pipeline and associated works with respect to ground levels, structures and services. The construction plans for the crossings of roads, state highways and railways shall be approved by the relevant transport authority and the utility operators for the particular crossings.

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Engineering Standards

7.3 All works in, on or under Council roads shall be carried out in accordance with industry best practice.

Geotechnical

7.4 Pipeline construction shall be carried out in accordance with the requirements of the “Geotechnical Risk Assessment: Proposed Gas Transmission Pipeline Route – Taupaki to Punganui” from Pattle Delamore Partners Ltd, dated February 2007.

Overland Flow Paths

7.5 Existing overland flow paths shall not be impeded by any works.

Earthworks

7.6 Where works involving excavation are undertaken pursuant to the designation, appropriate sediment and erosion measures shall be employed. Prior to any earthworks within the designation the adequate silt retention structures shall be installed in accordance with industry best practice. These structures shall be maintained and cleaned out as necessary until such time a complete grass cover, or other non-erodable surfacing, has been re-established over the site.

Health and Safety Management Plan

7.7 The Requiring Authority shall submit a preliminary Health and Safety Management Plan to the Council three months prior to commencing construction. The Requiring Authority shall then submit a detailed Health and Safety Management Plan in final form to the Council at least one month prior to commencing construction.

Traffic Management Plan

7.8 The Requiring Authority shall submit a preliminary Traffic Management Plan (TMP) in accordance with the Code of Practice for Temporary Traffic Management 3rd edition November 2004, three months prior to commencing construction. The Requiring Authority shall then submit a detailed TMP in final form, specifically addressing control of construction access to the site and traffic control adjacent to the site, and the protection of the public, to the satisfaction of the Council and NZTA. The TMP is to be submitted with the Road Opening Notice application not less than one month before any construction is carried out within a road that is formed and maintained by the Council or the NZTA. Specific areas to be addressed in the Traffic Management Plan shall include but not be limited to:

- a. Control of construction access to the site;
- b. Traffic control adjacent to the site;
- c. The protection of the public;
- d. The temporary diversion of traffic during construction
- e. Traffic safety;
- f. Control at intersections;
- g. Consideration of hours of work for heavily trafficked roads;
- h. Maintenance of road and property accesses; and
- i. Movement of construction traffic on local roads.

Verification that the TMP meets the Council's and NZTA's requirements shall have been received in writing, prior to the commencement of any works on the site. A copy of the Traffic Management Plan, together with the verification letter shall be kept on the site at all times. All measures for the protection of the public and other personnel set out in the verified TMP shall be maintained and complied with at all times until such time as the works are completed.

Location of Pipeline within Roads

7.9 The location of the pipeline within formed and unformed roads shall be determined in consultation with the Council but shall be no closer than 3m to the road boundary.

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Pre-construction Meeting

7.10 Not less than two weeks prior to the commencement of works, the Requiring Authority shall meet with the Council for a pre-construction meeting.

Guide to Land Access

7.11 All works outside road reserves shall be in accordance with the "Guide to Land Access for the Oil and Gas Industry and Landowners" published by Federated Farmers of New Zealand Incorporated in 2002.

Property Access

7.12 The Requiring Authority shall at all times ensure that access between parts of any single property temporarily severed by construction is maintained to a level that will enable, as far as is practicable, normal operations on the property to continue.

Hours of Work

7.13 Except within the boundaries of formed roads and state highways, pipeline construction and associated activities shall not occur during the hours of darkness as defined in the Traffic Regulations 1976 except in the case of urgent work necessary to prevent injury to persons or damage to property.

Hours of Work in Road Reserves

7.14 Within the boundaries of formed roads and state highways pipeline construction and associated activities shall be limited to between the hours of 7am and 7pm Monday to Saturday (excluding public holidays) except:

- a. Where otherwise stated in a Traffic Management Plan to the satisfaction of the roading authority submitted pursuant to Condition 2.4; or
- b. With the prior written approval of the roading authority.

Length of Works in Roads

7.15 Within formed road reserves, all construction activities at any one location shall be limited to a linear distance of 500 metres except with the prior written approval of the roading authority.

Construction Activities on Private Property

7.16 Construction activities on land other than road and state highway shall be limited to the period between 1 October in any given year, and 30 April in the following year except with the prior written approval of the Council and the relevant property owner.

Pipeline Cover

7.17 Except as otherwise provided, the new pipelines shall have a minimum cover of at least 1.5 metres. In road and state highway reserves the minimum cover shall be at least 2.0 metres unless otherwise agreed with the roading authority.

Utility Services

7.18 The Requiring Authority shall liaise with the operators of existing utilities and pipelines located in or adjacent to the designation during the detailed design phase and subsequent construction processes and shall ensure that all existing pipelines and utilities are:

- a. Accurately located prior to the preparation of the plans detailed in Condition 7.1. If necessary, this location work shall include exploratory excavation;
- b. Either protected from any activity which may interfere with the proper functioning of the pipeline or utility or relocated to a location approved by the operator of that pipeline or utility;
- c. If damaged, then repaired at the Requiring Authority's expense, to the reasonable satisfaction of the affected pipeline or utility operator; and
- d. Where practicable able to be accessed during construction.

Separation from Existing Utilities

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7.19 Where existing pipelines and other buried utilities are encountered the new pipelines shall, where practicable be installed underneath them, with a minimum 500mm vertical separation. Where practicable a 1m horizontal separation shall be provided between the existing pipelines and other buried utilities and the new pipelines. If the minimum clearances cannot be achieved during construction, measures such as concrete protection slabs or similar barriers shall be provided to protect the existing pipelines and/or utility from damage as a result of installation of the new pipelines.

Construction Methods

7.20 The new pipeline shall be installed at crossings of sealed or paved roads and state highways for the full width of the reserve using trenchless construction techniques unless otherwise agreed with the roading authority. Where the Requiring Authority identifies that trenchless construction techniques are not feasible, it shall provide information to the roading authority for approval of alternative construction methods.

Existing Overhead Lines

7.21 All works or activities related to the designation shall be designed and undertaken in compliance with the New Zealand Electrical Code of Practice for Electrical Safe Distances 2001 (NZECP 34:2001).

Noise

7.22 The noise from construction (including commissioning activities), shall be measured, assessed and controlled in accordance with the procedures set out in NZS 6803:1999 Acoustics – Construction Noise or alternative strategies shall be implemented for ensuring that the noise from such activities will be acceptable to the occupants of the dwellings.

Construction Noise Management Plan

7.23 The Requiring Authority shall submit a preliminary Construction Noise Management Plan to the Council three months prior to commencing construction. The Requiring Authority shall then submit a Construction Noise Management Plan in final form to the satisfaction of Council at least one month prior to commencing construction. The Plan shall be developed and implemented in accordance with Condition 7.23 for construction works along the pipelines and shall:

- a. Identify all occupied dwellings which are located within 40 metres of any area to be used for pipeline construction and installation purposes;
- b. Provide predicted construction noise levels for all dwellings identified in sub-clause (a);
- c. Provide that the noise levels at the Henderson Valley (Taupaki) Compressor Station during the commissioning period, between 7pm and 7am (night time) shall not exceed 42 dBA (Leq) unless specific arrangements are made with residents; and
- d. Specify mitigation measures needed to achieve compliance with Condition 7.23 for all dwellings where required, or alternative strategies for ensuring that construction noise levels will be acceptable to the occupants of identified dwellings.

Road Opening

7.24 All pipeline construction activities within formed road reserves shall be in accordance with the requirements of the Code of Practice for Working in Roads, published by the Auckland Utilities Group and held on the relevant Council File. The Requiring Authority shall submit a Road Opening Notice for each work location within the formed road reserve as required by Standards New Zealand Handbook 'Code of Practice for Working in the Road' SNZ HB 2002:2003 prior to work commencing at that particular location.

Utility Repairs

7.25 All repair works on existing public wastewater, stormwater and water mains shall be carried out by a Council-approved licensed contractor at the Requiring Authority's expense.

Surplus Soil

7.26 Surplus soil may be dispersed on the site where it originated with the written consent of the relevant

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property owner, or if it is to be disposed of off-site, it shall be disposed of at a location approved by, and to the satisfaction of, the Council.

8. Heritage

Heritage and Cultural Survey

8.1 The Requiring Authority shall, not less than three months prior to the commencement of construction, undertake a detailed Heritage and Cultural Survey along the pipeline route, in consultation with the New Zealand Historic Places Trust, affected tangata whenua and the Department of Conservation, to confirm the location of any features of heritage and cultural significance. Before the commencement of construction, the Requiring Authority shall submit documentation to the Council advising the outcomes of that survey and specifically identifying:

- a. Any features of heritage and cultural significance within or adjacent to the designation; and
- b. Appropriate protection measures for those features or the provision of the relevant authority to modify damage or destroy any archaeological site from the New Zealand Historic Places Trust.

Heritage Protocol

8.2 Prior to commencement of construction, the Requiring Authority shall implement a protocol for management of construction activities where those activities are in close proximity to known cultural and/or heritage sites and for discovery of taonga, koiwi or artefacts during design and construction ("the Heritage Protocol"). The Heritage Protocol shall be based on the draft protocol contained in Appendix 11.2 of Volume 3 of the Notice of Requirement for Designation.

9. Henderson Valley (Taupaki) Compressor Station

Noise

9.1 Noise from activities other than construction (including commissioning), maintenance and repair within the Henderson Valley Compressor Station shall not exceed the following limits when measured at the outer boundary of the restrictive covenant surrounding the station site:

- a. Day Time 7:00am - 7:00pm 40 dBA L10; and
- b. Night Time 7:00pm - 7:00am 40 dBA L10.

Measurement of Noise

9.2 The noise levels required by Condition 9.1 shall be measured in accordance with the requirements of NZS 6801:1991 Measurement of Sound and assessed in accordance with the requirements of NZS 6802:1999 Assessment of Environmental Sound.

Predicted Noise Levels

9.3 The Requiring Authority shall submit to Council a report from a suitably qualified and experienced acoustic engineer that states that the predicted noise levels to be generated from activities within the site will comply with the noise levels required by Condition 9.1, and specifies details of noise control treatment, if necessary. The report shall be submitted to the Council in draft form at least three months prior to the commencement of any construction works at the Henderson Valley Compressor Station, and again in final form at least one month prior to the commencement of any construction works at the Henderson Valley Compressor Station.

Noise Report

9.4 The Requiring Authority shall submit a report by a suitably qualified and experienced acoustic engineer on the noise generated from the operation of the facilities at Henderson Valley Compressor Station within three months of completion of commissioning of the new facilities. The report shall detail the noise measurements and specify any noise control treatment identified that may be necessary.

Lighting

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9.5 All lighting installed at Henderson Valley Compressor Station shall be sited and designed to ensure that illumination does not exceed 10 lux measured vertically at the boundary of the site.

Advice to Residents

9.6 The Requiring Authority shall no less than one week prior to it undertaking any 24 hour construction work at Henderson Valley Compressor Station, advise the Council and all owners and occupiers of all residential buildings located on properties within 300m of the site, if night lighting will be required.

10. Monitoring and Reinstatement

Reinstatement Management Plan

10.1 For land other than formed road, state highway and rail reserves, the Requiring Authority shall submit a preliminary Reinstatement Management Plan to the Council three months prior to the commencement of construction and again in final form to the Council at least one month prior to the commencement of construction. The Plan shall provide a written and photographic record of the area affected by works and shall include the procedures, methods and measures to be applied to address:

- a. Reinstatement of affected areas to pre-existing conditions;
- b. Reinstatement of existing utilities including property infrastructure; and
- c. Post construction monitoring measures to monitor effectiveness of the reinstatement measures.

The reinstatement measures identified in the Reinstatement Management Plan shall encompass the measures set out in Appendix 17 to the NOR (unless alternative measures are approved in writing by the relevant property owner). These reinstatement measures shall be implemented as soon as practicable after areas become available for reinstatement due to the progress of the works.

Monitoring

10.2 For land other than formed road, state highway and railway reserves, the Requiring Authority shall monitor reinstated areas at three monthly intervals for a period of 12 months after construction and six monthly for the following 12 months. The Requiring Authority shall submit a Reinstatement Report to the Council within one month of completion of each monitoring inspection. The Requiring Authority shall as soon as practicable undertake any remedial work identified in the Reinstatement Report as necessary to achieve the outcomes specified in the Reinstatement Management Plan submitted pursuant to Condition 10.1.

Reinstatement in Roads

10.3 Where the designation is within formed roads and state highways, the Requiring Authority shall engage a Council and NZTA approved suitably qualified roading engineer to undertake a before and after construction assessment based on a Road Asset Management rating survey of every formed road in which the pipelines are located. The consultant shall prepare an Initial Road Reinstatement Report as soon as practicable after completion of construction works and submit that report to Council and NZTA. The Requiring Authority shall as soon as practicable as required by the roading authority undertake any remedial work identified in the Initial Road Reinstatement Report as necessary to ensure that the roads are reinstated to the same standard as prior to construction.

Monitoring within Roads

10.4 Within formed road reserves and state highways, the Requiring Authority shall monitor the areas where work has been undertaken pursuant to the Initial Road Reinstatement Report at three monthly intervals for a period of 12 months after remediation. The Requiring Authority shall submit a Further Road Reinstatement Report to the roading authority within one month of completion of each monitoring inspection. The Requiring Authority shall as soon as practicable as required by the roading authority undertake any remedial work identified in any Further Road Reinstatement Report as necessary to ensure that the roads are reinstated to the same standard as prior to construction.

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Specifications

10.5 The Requiring Authority shall submit to the roading authority a detailed specification of any road works reinstatement undertaken within three months of completion of the works.

11. Completion

As-built Drawings

11.1 The Requiring Authority shall submit to the Council detailed as-built pipeline drawings within three months of the commissioning of the new pipelines. The as-built drawings shall include geodetic coordinates for all key locations in an agreed electronic format.

12. Maintenance, Repair, Upgrading and Renewal

Engineering Standards

12.1 All works in, on or under Council roads shall be carried out in accordance with industry best practice.

Road Opening

12.2 Any maintenance, repair, upgrade or renewal works associated with the pipelines within public roads within the designation shall be carried out in accordance with the document "Working in the Roads Requirements" and a Road Opening Notice obtained from the Road Controlling Authority prior to the works commencing.

Pipeline Maintenance

12.3 All pipeline maintenance, repair, upgrade and renewal activities outside road reserves shall be in accordance with the "Guide to Land Access for the Oil and Gas Industry and Landowners" published in 2002

Utility Services

12.4 Any utilities within the designation shall be protected from the adverse effects of maintenance, repair, upgrade or renewal works.

Overland Flow Paths

12.5 Existing overland flow paths shall not be impeded by any maintenance, repair, upgrade or renewal works carried out within the designation.

Existing Overhead Lines

12.6 All works or activities related to the designation shall be undertaken in compliance with the New Zealand Code of Practice for Electrical Safe Distances (NZECP 34:2001).

Earthworks

12.7 Where works involving excavation are undertaken pursuant to the designation, appropriate sediment and erosion measures shall be employed. Prior to any earthworks within the designation the appropriate sediment control devices shall be installed in accordance with industry best practice.

Hours of Maintenance

12.8 Scheduled maintenance, repair, upgrade and renewal work and associated activities shall be limited to between the hours of 7am and 7pm, Monday to Saturday (excluding public holidays) unless the prior approval of the Council has been obtained, except in the event of an emergency.

Noise

12.9 The noise from maintenance, repair, upgrade and renewal activities shall be measured, assessed and controlled in accordance with the procedures and limits set out in NZS 6803:1999 Acoustics – Construction Noise.

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Consultation with NZTA

12.10 Vector shall consult with the New Zealand Transport Agency (NZTA) at least 30 working days prior to carrying out any works or activities on, in or under State Highways, except in emergency situations.

Consultation with NZRC

12.11 Vector shall consult with The New Zealand Refining Company Limited (NZRC) at least 30 working days prior to carrying out any works or activities on, in or under NZRC's existing pipeline easement, except in emergency situations.

Maintenance

12.12 Where any maintenance, repair, upgrade or renewal works result in amendments to the as-built pipeline alignment drawings, updated drawings shall be provided to the Council within three months of the commissioning of those new works.

Written Approval from the Requiring Authority

12.13 The Requiring Authority shall respond within 15 days of receiving any request for its written approval under section 176 of the Resource Management Act.

13. Post Construction Restrictions

13.1 No person shall:

- a. Erect any building or structure; or
- b. Erect a fence with supports which extend more than 0.4m into the ground from the surface; or
- c. Plant any tree or shrub; or
- d. Disturb the soil below a depth of 0.4m from the surface; or
- e. Do anything on or to the land which would or could damage or endanger the pipelines within the designated corridor without first obtaining the written consent of Vector.

For the avoidance of doubt, such written consent shall not be required for ordinary cultivation, digging, excavating, tilling and working soil to a depth of less than 0.4m or where Vector has provided specific written approval prior to the designation coming into effect. A minimum of 1.5m cover shall remain above the top of the pipe after any ordinary cultivation, digging or excavation has taken place.

Landowners and/or developers can apply to Vector for consent to do any work on the land within the designation corridor. Vector will review each application with the landowner and/or developer and work to achieve the most suitable outcome for all parties. Vector may give its written consent subject to reasonable circumstances. Vector agrees to not unreasonably withhold its consent.

Works or activities that would or could damage or endanger the pipeline include, for example, the use of heavy compaction or vibration machinery and equipment, pile-driving machinery and equipment, trenching, excavation or drilling (including micro drilling and directional drilling).

13.2 No person shall undertake road opening, trenching, excavation or drilling (including micro drilling and directional drilling), or lay underground high voltage power lines >450v either in parallel with or intersecting Vector's pipelines, without first obtaining Vector's written approval.

13.3 However, the restrictions in 13.1 and 13.2 above do not apply, and Vector's consent is not required under section 176 of the Resource Management Act 1991 to the following activities:

- a. Any works authorised by an earlier designation.
- b. Any repair, maintenance or upgrade to any existing network utility infrastructure, provided that:
 - A Road Opening Notice has been obtained from the Auckland Council; and
 - Soil is not disturbed below a depth of 0.4m from the surface; and
 - After works, the finished surface level is not reduced below the pre-existing surface datum.

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Where works other than those authorised by an earlier designation would exceed a depth of 0.4m from the surface and/or after completion of such works the finished surface level is proposed to be reduced below the pre-existing surface datum then application shall be made to Vector for consent to do the works. Vector will review each application with the applicant and work to achieve the most suitable outcome for all parties. Vector may give its written consent subject to reasonable circumstances. Vector agrees to not unreasonably withhold its consent.

Advice Notes

1. Access to overhead electricity transmission lines, poles or supporting structures shall be maintained at all times in accordance with the Electricity Act 1992.

2. Any new structures within the designation corridor may be subject to a Building Consent where applicable.

3. Guidelines for consultation, agreement for entry for construction and grant of easement, and construction damage release are contained in the Guide to Land Access for the Oil and Gas Industry and Landowners published by Federated Farmers of New Zealand Incorporated in 2002. Vector is encouraged to engage in a review of the Land Access Code with Federated Farmers.

4. Where this designation traverses land that was designated pursuant to section 176 and 177 of the Resource Management Act 1991 prior to the date of this designation (such as Public Road, Railway, the New Zealand Refining Company Ltd and NZTA designations and state highways which are protected pursuant to sections 51 and 52 of the Government Rounding Powers Act 1989), the Requiring Authority may only carry out its activities with the written consents of the earlier requiring authority.

5. The Requiring Authority is obliged to operate the pipelines and ancillary facilities in accordance with the requirements of NZ/AS2885: Pipelines – Gas and liquid petroleum, and the Health and Safety in Employment (HSE) Pipelines Regulations 1999 and any relevant provisions of the Crown Minerals Act 1991.

6. All necessary consents must be obtained from the Auckland Council prior to the construction of the new facilities. Consultation with affected parties is recommended as part of obtaining these consents.

7. It is possible that archaeological sites may be affected by the proposed work. Evidence of archaeological sites may include burnt and fire cracked stones, charcoal, rubbish heaps including shell, bone and/or glass and crockery, ditches, banks, pits, old building foundations, artefacts of Māori and European origin or human burials. The requiring authority is advised to contact the New Zealand Historic Places Trust if the presence of an archaeological site is suspected. Work affecting archaeological sites is subject to consent process under the Historic Places Act 1993. If any activity associated with this proposal, such as earthworks, fencing or landscaping, may modify, damage or destroy any archaeological site(s), an authority (consent) from the New Zealand Historic Places Trust must be obtained for the work to proceed lawfully. The Historic Places Act 1993 contains penalties for unauthorised site damage.

8. Emergency works may be performed in line with the Vector advice booklet by excavation to 0.4m depth and thereafter the use of hand tools only. Emergency operations should be notified immediately to Vector or their agent who provide an on-call service outside of normal working hours.

9. Pursuant and subject to s. 36 RMA the actual and reasonable costs incurred by the Council in monitoring conditions of the designation shall be paid by the Requiring Authority.

10. Vector has given an undertaking that following construction of, and registration of an easement over, the new pipelines, it will give notice under s. 182 RMA removing part of the designation so that the width of parts of the designation is reduced as set out in s. 2.7 of Volume 2 of the Notice of Requirement.

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11. Once notice has been given by Vector in accordance with condition 6.2, the Council and Vector shall meet to discuss the requirements of any updated documents referenced within the designation conditions (conditions 7.3, 7.6, 7.7, 7.9, 7.22, 7.25, 9.2, 12.1, 12.3, 12.6, 12.7). Vector shall consider the relevance of the updated documents and the implications which the changes may have on Vector's proposal, and advise the Council of these. Vector's agreement to comply with the requirements of any updated documents shall not be unreasonably withheld.

Attachments

Plan 5672-504-0100 Rev 1 - Pipeline Route Section Property Plan



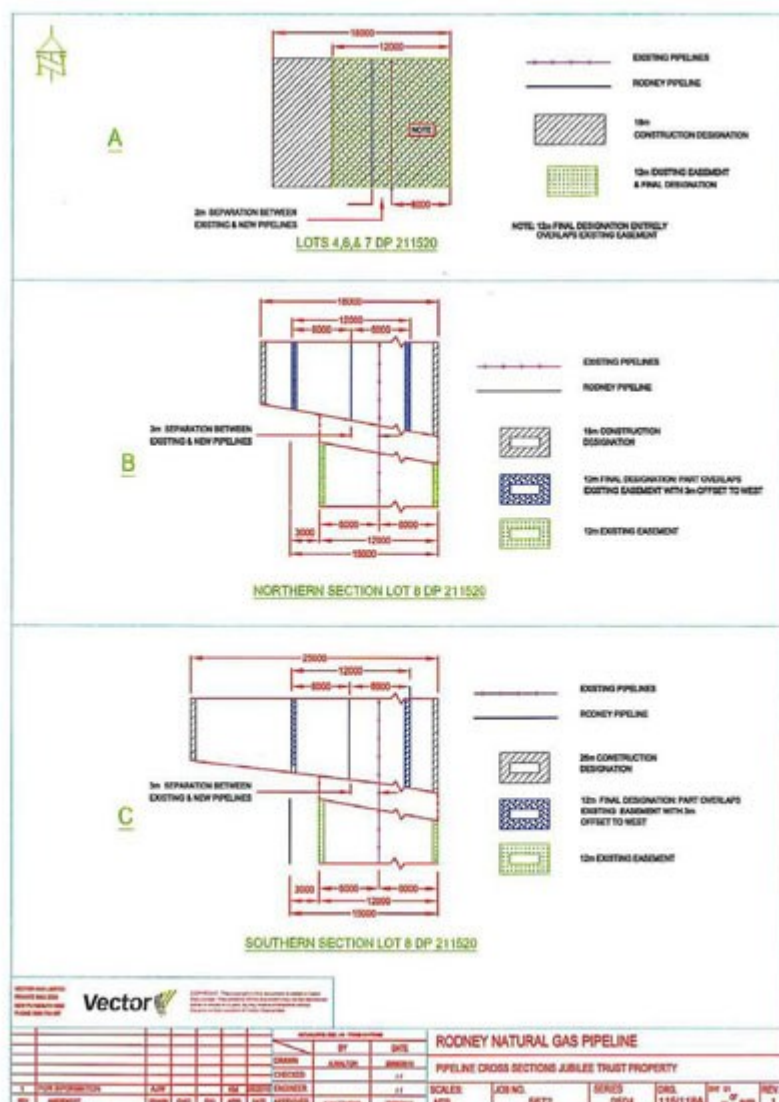
Plan 5672-504-0115 Rev 3 - Pipeline Route Section Property Plan

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Plan 5672-504-115/118A Rev 1 - Pipeline Cross-section Jubilee Trust Property

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9101 Taupaki to Topuni Gas Pipeline

Designation Number	9101
Requiring Authority	Vector Gas Ltd
Location	102 Amreins Road, Taupaki to 109 Vipond Road, Topuni
Rollover Designation	Yes
Legacy Reference	Designation 619, Auckland City Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

1. Purpose of the Designation

1.1 The designation by Vector Gas Limited (Vector) is for the operation, maintenance and repair, upgrade and renewal of the existing gas transmission pipeline and ancillary facilities as required for the transportation of gas and described as follows:

- The existing 200mm gas transmission pipeline between McEntee Road and the Henderson Valley

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Compressor Station at Amreins Road;

- b. The existing 150mm gas transmission pipeline between the Henderson Valley Compressor Station and the Kaipara District Council boundary near Vipond Road;
- c. The Henderson Valley Compressor Station;
- d. The Delivery Points at Waimauku, Waitoki, Warkworth and Wellsford;
- e. The Main Line Valve station at Kanohi; and
- f. The Offtake station at Kaipara Flats.

1.2 For the purposes of these conditions the designation is subject to the following limitations:

- a. Renewal shall be limited to works on the gas transmission pipeline and will be limited to the replacement of sections of the pipeline with sections having equivalent diameter and maximum allowable operating pressure, and no more than 50 lineal metres of pipeline will be excavated at any particular time; and
- b. Upgrade will be limited to adding or replacing above ground components, provided the relevant permitted activity standards are complied with.

1.3 The designation affects land legally described in Appendix 2 “Schedule of Affected Land” of Volume 3 of the Notice of Requirement as submitted to the Rodney District Council.

Conditions

2. Restrictions

2.1 No person shall:

- a. Erect any building or structure; or
- b. Erect a fence with supports which extend more than 0.4m into the ground from the surface; or
- c. Plant any tree or shrub; or
- d. Disturb the soil below a depth of 0.4 from the surface; or
- e. Do anything on or to the land which would or could damage or endanger the pipeline within the designated corridor without first obtaining the written consent of Vector.

For the avoidance of doubt, such written consent shall not be required for ordinary cultivation, digging, excavating, tilling and working soil to a depth of less than 0.4m or where Vector has provided specific written approval prior to the designation coming into effect. A minimum of 1 m cover shall remain above the top of the pipe after any ordinary cultivation, digging or excavation has taken place.

Landowners and/or developers can apply to Vector for consent to do any work on the land within the designation corridor. Vector will review each application with the landowner and /or developer and work to achieve the most suitable outcome for all parties. Vector may give its written consent subject to reasonable conditions including the power to revoke the consent in specified circumstances. Vector agrees to not unreasonably withhold its consent.

Works or activities that would or could damage or endanger the pipeline include, for example, the use of heavy compaction or vibration machinery and equipment, pile-driving machinery and equipment, trenching, excavation or drilling (including micro drilling and directional drilling).

2.2 No person shall undertake road opening, trenching, excavation or drilling (including micro drilling and directional drilling), or lay underground high voltage power lines > 450v either in parallel with or intersecting Vector's gas pipeline, without first obtaining Vector's written approval.

2.3 However, the restrictions in 2.1 and 2.2 above do not apply, and Vector's consent is not required under section 176 of the Resource Management Act 1991 to the following activities:

- a. Any works authorised by an earlier designation;
- b. Any repair, maintenance or upgrade to any existing network utility infrastructure;
- c. Provided that:

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- i. A Road Opening Notice has been obtained from the Auckland Council / Auckland Transport;
- ii. Soil is not disturbed below a depth of 0.4m from the surface; and
- iii. After works, the finished surface level is not reduced below the pre-existing surface datum.

2.4 Where works other than those authorised by an earlier designation would exceed a depth of 0.4m from the surface and/or after completion of such works the finished surface level is proposed to be reduced below the pre-existing surface datum then application shall be made to Vector for consent to do the works. Vector will review each application with the applicant and work to achieve the most suitable outcome for all parties. Vector may give its written consent subject to reasonable conditions, and agrees not to unreasonably withhold its consent.

3. Conditions

General

3.1 Subject to these conditions, all works shall be undertaken in general accordance with the plans and information submitted by Vector Gas Limited (Vector) in the documents entitled “Manukau to Whangarei Gas Pipelines — Notice of Requirement for a Designation” (Volumes 1, 2 and 3).

Designation Width

3.2 The maximum width of the designation shall be as follows:

- a. For land within road reserve (along road reserve/state highway) — 6 metres;
- b. For land within road reserve (across road reserve/state highway) — 6 metres;
- c. Non-road reserve — 12 metres (other than those areas where the existing easement width is less than 12 metres wide — In such circumstances the designation shall be the width of the easement); and
- d. Within Rail reserve — 6 metres.

Engineering Standards

3.3 All works in, on or under Council roads shall be carried out in accordance with the requirements of the Council's then current Standards for Engineering Design and Construction.

Road Opening

3.4 Any maintenance, repair, upgrade or renewal works associated with the pipeline within public roads within the designation shall be carried out in accordance with the document “Working in the Roads Requirements” and a Road Opening Notice obtained from the Road Controlling Authority prior to the works commencing.

Pipeline Maintenance

3.5 All pipeline maintenance, repair, upgrade and renewal activities outside road reserves that involve excavation shall be in accordance with the Guide to Land Access for the Oil and Gas Industry and Landowners.

Utility Services

3.6 Any utilities within the designation shall be protected from the adverse effects of maintenance, repair, upgrade or renewal works carried out within the designation.

Overland Flow Paths

3.7 Existing overland flow paths shall not be impeded by any maintenance, repair, upgrade or renewal works carried out within the designation.

Existing Overhead Lines

3.8 All works or activities related to the designation shall be undertaken in compliance with the New Zealand Electrical Code of Practice for Electrical Safe Distances (NZECP 34:2001).

Earthworks

3.9 Where maintenance, repair, upgrade and renewal activities involving excavation are undertaken pursuant to

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the designation, appropriate sediment and erosion measures shall be employed. Prior to any earthworks within the designation the appropriate sediment control devices shall be installed in accordance with industry best practice.

Hours of Maintenance

3.10 Scheduled maintenance, repair, upgrade or renewal work and associated activities shall be limited to between the hours of 7am and 7pm, Monday to Saturday (excluding public holidays) unless the prior approval of the Council has been obtained.

Noise

3.11 The noise from maintenance works, repair, upgrade and renewal activities shall be measured, assessed and controlled in accordance with the procedures and limits set out in NZS 6803:1999 Acoustics- Construction Noise.

Consultation with New Zealand Transport Agency

3.12 Vector shall consult with New Zealand Transport Agency at least 30 working days prior to carrying out any works or activities on, in or under State Highways, except in emergency situations.

Written Approval from the Requiring Authority

3.13 The Requiring Authority shall respond within 15 working days of receiving any request for its written approval under section 176 of the Resource Management Act 1991.

Advice Notes

1. Access to overhead electricity transmission lines, poles or supporting structures shall be maintained at all times in accordance with the Electricity Act 1992.

2. Any new structures within the designation may be subject to a Building Consent where applicable.

3. Vector has confirmed that it will consult with land owners and occupiers who may be affected by maintenance works, repair, upgrade and renewal activities to reach fair and reasonable arrangements for entry, and to address any matters regarding effects of maintenance, repair, upgrade and renewal activities, including restoring the surface of the land following maintenance, in accordance with its relevant obligations under the pipeline easement.

4. This designation traverses earlier Auckland Council / Auckland Transport roading, Railway and New Zealand Transport Agency designations that are protected pursuant to sections 176 and 177 of the Resource Management Act 1991, and State Highways which are protected pursuant to sections 51 and 52 of the Government Rounding Powers Act 1989. Where that occurs, the Requiring Authority may only carry out its activities with the written consent of the earlier requiring authorities.

5. The Requiring Authority is obliged to operate the pipelines and ancillary facilities in accordance with the requirements of AS2885: Pipelines — Gas and Petroleum Liquids, the Health and safety in Employment (Pipelines) Regulations 1999 and in accordance with the authorisations issued for those facilities in terms of the Petroleum Act (1937).

6. Emergency works may be performed in line with the Vector advice booklet by excavation to 0.4m depth and thereafter the use of hand tools only. Emergency operations should be notified immediately to Vector or their agent who provide an on-call service outside of normal working hours.

7. An authority may need to be obtained from the New Zealand Historic Places Trust to destroy, damage or modify an archaeological site in accordance with the Historic Places Act (1993).

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8. Where any maintenance works, repair, upgrade and renewal activities affect any stream or river or where earth works are undertaken the requiring authority will need to obtain any necessary consents from the Auckland Council prior to the works commencing.

9. For the avoidance of doubt, the Requiring Authority has confirmed that it accepts that nothing in the conditions limits, or is intended to limit, the potential obligation under s. 176A of the Resource Management Act (1991) to provide an Outline Plan of works in appropriate circumstances.

Attachments

No attachments.

9102 East Tamaki to Taupaki Gas Pipeline

Designation Number	9102
Requiring Authority	Vector Gas Ltd
Location	100 Highbrook Drive, Waiouru Peninsula to 102 Amrein Road, Taupaki; and 114-119 and 164-220 Hugo Johnson Drive, Southdown (along Sylvia Park Road) To 453 Mt Wellington Highway, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation G03-07, Auckland Council District Plan (Isthmus Section) 1999; Designation VGL1, Auckland Council District Plan (Waitakere Section) 2003; Designation 293, Auckland Council District Plan (Manukau Section) 2002; and Designation H13-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

1. Purpose of the Designation

1.1 The designation by Vector Gas Limited (Vector) is for the operation, maintenance and repair, upgrade and renewal of the existing gas transmission pipeline and ancillary facilities as required for the transportation of gas and described as follows:

- The existing 350 mm gas transmission pipeline between Waiouru Main Line Valve at Highbrook Drive and Westfield Delivery Point at Mount Wellington Highway;
- The existing 300 mm gas supply pipeline between Waiouru Main Line Valve at Highbrook Drive and Otahuhu Power Station;
- The existing 200 mm gas transmission pipeline between Westfield Delivery Point at Mount Wellington Highway and McEntee Road, Taupaki;
- The existing 350mm gas transmission pipeline between Westfield Delivery Point at Mount Wellington Highway and Southdown Delivery Point at Hugo Johnston Drive; and
- The existing Delivery Points and Main Line Valve stations.

Located between the Waiouru Main Line Valve in Highbrook Drive, East Tamaki and McEntee Road, Taupaki.

1.2 The designation is subject to the following limitations:

- Renewal shall be limited to works on the gas transmission pipeline and will be limited to replacement with sections having equivalent diameter and maximum allowable operating pressure, being 6,600 kilopascals, and no more than 20 lineal metres of gas transmission pipeline will be excavated within any one 14 calendar day period;
- Upgrade will be limited to adding or replacing above ground components provided the district plan relevant permitted activity standards are complied with and the maximum allowable operating pressure is not increased.

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Above ground components are limited to the existing pipeline valve stations and existing delivery points which consists of:

- i. Pipeline offtake and station inlet piping, isolation valves;
- ii. Filters;
- iii. Pressure regulation and safety valves;
- iv. Metering equipment and all weather enclosure;
- v. Foundations;
- vi. Electrical and earthing systems;
- vii. Other ancillary systems;
- viii. Surface marker posts; and
- ix. Warning signage.

Note:

- Upgrade does not include increasing the height or foot print of any building or structure containing any of the above listed above ground components.
- All activities within road reserve shall be in accordance with the requirements of the Auckland Transport Code of Practice for Working in Roads.
- All activities within land other than road reserve shall be in accordance with the Guide to Land Access for the Oil and Gas Industry and Landowners.

1.3 The designation affects land legally described in Appendix 2 “Schedule of Affected Land” of Volume 3 of the Notice of Requirement as submitted to the Auckland City Council, Manukau City Council and Waitakere City Council (the Council).

Conditions

2. Restrictions

2.1 No person shall:

- a. Erect any building or construction on the designated corridor;
 - b. Erect any fence or other improvement or plant any tree or shrub;
 - c. Disturb the soil below a depth of 0.4 metres from the surface; or
 - d. Do anything on or to the Land within the designated corridor which would or could damage or endanger the Pipelines;
- without first obtaining the written consent of Vector.

For the avoidance of doubt, such written consent shall not be required for ordinary cultivation, digging, excavating, tilling and working soil to a depth of less than 0.4m. A minimum of 1m cover shall remain above the top of the pipe after any ordinary cultivation, digging or excavation has taken place.

Landowners and/or developers can apply to Vector for consent to do any work on the land within the designation corridor. Vector will review each application with the landowner/developer and work to achieve the most suitable outcome for all parties. Vector may give its written consent to reasonable conditions including the power to revoke the consent in specified circumstances.

Vector agrees to not unreasonably withhold its consent.

Works or activities that would or could damage or endanger the pipeline include, for example, the use of heavy compaction or vibration machinery and equipment, pile-driving machinery and equipment, trenching, excavation or drilling (including micro drilling and directional drilling).

2.2 No person shall undertake road opening, trenching, excavation or drilling (including micro drilling and directional drilling), or lay underground high voltage power lines either in parallel with or intersecting with

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Vector's gas pipelines, without first obtaining Vector's written approval.

2.3 However, the restrictions in 2.1 and 2.2 above do not apply, and Vector's consent is not required under s. 176 of the Resource Management Act (1991) to the following activities, provided that a Road Opening Notice has been obtained from the council for:

- a. Any road widening or associated works in accordance with any existing road designation;
- b. Any repair, maintenance or upgrade to existing road surface;
- c. Any repair, maintenance or upgrade to any existing network utility infrastructure; and
- d. Provided in all cases that:
 - i. Soil is not disturbed below a depth of 0.4m from the surface; and
 - ii. After works, the finished surface level is not reduced below the pre-existing surface datum.

Where works in the above categories would exceed 0.4m in depth from the surface and/or after completion of such works the finished surface level is proposed to be reduced below the pre-existing surface datum then application shall be made to Vector for consent to do the works. Vector will review each application with the applicant and work to achieve the most suitable outcome for all parties. Vector may give its written consent subject to reasonable conditions, and agrees to not unreasonably withhold its consent.

Emergency works may be performed in line with the Vector advice booklet by excavation to 0.4m depth and thereafter the use of hand tools only. Emergency operations should be notified immediately to Vector Gas Ltd who provide an on-call service outside of normal working hours.

3. Conditions

3.1 The works to give effect to the designation shall be generally in accordance with the plans and information submitted by Vector Gas Ltd in support of the Notice of Requirement in the documents entitled "Manukau – Whangarei Gas Pipelines – Notice of Requirement for a Designation" (Volumes 1, 2 and 3).

3.2 The maximum width of the designation shall be as follows:

- a. Area: Within Road or Rail reserve

Proposed designations width: 6 metres to the extent that the designation shall not extend over road or rail boundaries onto freehold land except to the extent that that private property is subject to an easement in favour of Vector.

- b. Area: Non road reserve

Proposed designations width: 12 metres (other than those areas where the existing easement width is less than 12 metres wide – in such circumstances the designation width shall be the width of the easement).

3.3 All pipeline maintenance, repair, upgrade or renewal activities within road reserve that involve excavation shall be subject to Road Opening Notice requirements of Auckland Council / Auckland Transport and carried out in accordance with National Code of Practice for Utility Operators' Access to Transport Corridors (10 November 2011)

3.4 Where maintenance, repair, upgrade and renewal activities involving excavation are undertaken pursuant to the designation, appropriate sediment and erosion measures shall be employed.

3.5 Vector shall at all times ensure that access between parts of any property held in single ownership temporarily severed by maintenance, repair, upgrade or renewal activities is maintained to a level that will enable, as far as is practicable, normal activities on the property to continue.

3.6 Within road reserves scheduled maintenance, repair, upgrade or renewal work and associated activities shall be limited to between the hours of 7am and 7pm, Monday to Saturday (excluding public holidays) except:

- a. Where otherwise stated in a Traffic Management Plan, to the satisfaction of the Council; or
- b. With the prior approval of the Council.

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3.7 All works or activities related to the designation shall be undertaken in compliance with the New Zealand Electrical Code of Practice for Electrical Safe Distances 2001 (NZECP 34:2001).

3.8 The noise from maintenance, repair, upgrade and renewal activities shall be measured, assessed and controlled in accordance with the procedures and limits set out NZS 6803:1999 Acoustics – Construction Noise.

3.9 Vector shall consult with the New Zealand Transport Agency (NZTA) at least 30 working days prior to carrying out any works or activities on, in or under State Highways, except in emergency situations.

3.10 Vector shall consult with the Council at least 15 working days prior to carrying out any works or activities on, in or under Council-controlled roads or land, except in emergency situations.

3.11 The Requiring Authority shall respond within 15 working days of receiving any request for its written approval under section 176 of the Resource Management Act 1991.

Advice Notes

1. Access to overhead electricity transmission lines, poles or supporting structures shall be maintained at all times in accordance with the Electricity Act 1992.

2. Vector has confirmed that it will consult with land owners and occupiers who may be affected by maintenance or repair works to reach fair and reasonable arrangements for entry, and to address any matters regarding effects of maintenance activities, including restoring the surface of the land following maintenance, in accordance with its relevant obligations under the pipeline easement.

3. The Requiring Authority is obliged to operate the pipelines and ancillary facilities in accordance with the requirements of AS2885: Pipelines – Gas and Petroleum Liquids, the Health and Safety in Employment (Pipelines) Regulations 1999 and in accordance with the authorisations issued for those facilities in terms of the Petroleum Act 1937.

4. This designation traverses earlier New Zealand Transport Agency (NZTA) designations that are protected pursuant to sections 176 and 177 of the Resource Management Act 1991, and State Highways which are protected pursuant to sections 51 and 52 of the Government Roadings Powers Act 1989. Where that occurs, the Requiring Authority may only carry out its activities with the written consent of the New Zealand Transport Agency.

Attachments

No attachments.

9104 Pukekohe to East Tamaki Gas Pipeline

Designation Number	9104
Requiring Authority	Vector Gas Ltd
Location	Mill Road (Waikato District Council boundary), Pukekohe to 65 Highbrook Drive, East Tamaki
Rollover Designation	Yes
Legacy Reference	Designation 290, Auckland Council District Plan (Manukau Section) 2002; Designation 41, Auckland Council District Plan (Papakura Section) 1999; and Designation 149, Auckland Council District Plan (Franklin Section) 2000

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Lapse Date	Five years from being operative in the Unitary Plan unless given effect to prior
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Description

1. Purpose of the Designation

1.1 The designation by Vector Gas Limited (Vector) of land is for:

- a. The operation, maintenance, upgrade and renewal of the existing 350mm diameter gas transmission pipeline and all ancillary structures and activities associated with these works for transportation of natural gas; and
- b. The design, construction, operation, maintenance and renewal of a new pipeline generally alongside the existing pipeline and all ancillary structures and activities associated with these works for transportation of natural gas.

1.2 The designation affects land legally described in Appendix 2 "Schedule of Affected Land" of Volume 3 of the Notice of Requirement for Designation submitted to Manukau City Council, Papakura District Council and Franklin District Council.

1.3 The designation shall be described in the Auckland Unitary Plan as "Gas Transmission Purposes".

Conditions

The designation shall be subject to the following conditions:

Unless the context otherwise requires, references in the following conditions to "the Council" shall be deemed to be references to the Auckland Council's Chief Executive Officer or nominee.

1. General

1.1 The works to give effect to the designation shall be generally in accordance with the plans and information submitted by NGC in support of the Notice of Requirement in the documents entitled "Rotowaro – East Tamaki Pipeline Route Designation" (Reference 5104-R-04, Rev 1 Volumes 1, 2 and 3), and as amended by Drawings numbered:

- a. P5107/0605/01 (Sheets 1, 5 and 6 - Revision 2);
- b. P5107/0504/015 (Sheets 1 and 2 - Revision 1); and
- c. Except as varied by the conditions herein.

1.2 The maximum width of the designation shall be as follows excepting any lesser widths specified in Appendix 3 – Property Plans, Volume 3 Notice of Requirement:

Non Road Reserve (land zoned other than Rural):

	Construction Width	Post-Construction Width
Within Road Reserve (along road)	6 metres	6 metres
Within Road Reserve (across road)	8 metres	8 metres
	18 metres	12 metres
Non Road Reserve (land zoned Rural)	25 metres	12 metres

1.3 The Requiring Authority shall give written notice of:

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- a. The likely commencement date for the works pursuant to the designation; and
- b. The expected timeframe for the construction programme;

To the Council and landowners not less than two years and then again not less than one year prior to entry for construction. The Requiring Authority shall provide to the Council a list of the landowners notified pursuant to this condition and a copy of the information supplied to them.

1.4 The Requiring Authority will minimise as far as practicable the construction width used in all land zoned Rural. Where a reduced width is practicable, the Requiring Authority shall give notice to the Council that it no longer wants the relevant portion of the construction width pursuant to Section 182 of the Resource Management Act 1991.

1.5 The designation is subject to the following limitations for the existing pipeline system:

- a. Renewal shall be limited to works on the gas transmission pipeline and will be limited to replacement with sections having equivalent diameter and maximum allowable operating pressure and no more than 50 lineal metres of gas transmission pipeline will be excavated within one 14 calendar day period;
- b. Upgrade will be limited to adding or replacing the above ground components provided the district plan relevant permitted activity standards are complied with the maximum allowable operating pressure is not increased. Above ground components are limited to the existing pipeline valve stations and existing delivery points which consists of:
 - i. Pipeline offtake and station inlet piping, isolation valves;
 - ii. Filters;
 - iii. Pressure regulation and safety valves;
 - vi. Metering equipment and all weather enclosure;
 - v. Foundations;
 - vi. Electrical and earthing systems;
 - vii. Other ancillary systems;
 - viii. Surface marker posts; and
 - ix. Warning signage;
- c. Upgrade will include but not limited to replacing old outdated equipment with updated equipment with similar foot print or height; and
- d. Upgrade does not include significant increases in the height or foot print of any building or structure containing any of the above listed above ground components.

1.6 If the Requiring Authority accepts Conditions 2.1, 2.4, 2.9, and 2.12, being the requirements to submit the Construction Management Plans and associated conditions/matters, that acceptance shall be deemed by Council to be a waiver in relation to that Plan or relevant parts of that Plan pursuant to Section 176A(2)(c) of the Resource Management Act 1991 of the requirement for an Outline Plan of Works under Section 176A. If the Council and the Requiring Authority do not agree on the terms of such Plan and associated matters/conditions, the relevant provisions of Section 176A of the Resource Management Act 1991 shall apply in respect of any part not agreed.

2. Construction

2.1 The Requiring Authority shall submit a detailed Construction Management Plan to the satisfaction of the Council at least three months prior to commencing construction. The Construction Management Plan shall include the construction drawings and procedures, methods and measures to be applied during the construction phase to address:

- a. Liaison with Council, affected parties, utility owners and the general public;
- b. Construction techniques including likely work programme;
- c. Construction work within road reserves;
- d. Noise control;
- e. Dust control including specific reference to protection of power transmission lines;
- f. Earthworks and sediment control plan including vegetation control, disposal of unsuitable and/or surplus

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material;

g. Measures to ensure construction vehicles do not deposit soil or other debris on roads;

h. Provision for fencing so as to enable continued operation of the landuse activities on the properties through which the designation passes;

i. Location, protection and provision of alternative supply in the event of disruption of existing utilities; and

j. Management of issues raised by affected parties during construction including contact details for key construction personnel and systems for investigation, recording and reporting actions taken to resolve the issue raised.

2.2 The construction plans described in Condition 2.1 shall include detailed engineering plans prepared in consultation with landowners. The plans shall include longsections and cross sections (where necessary) detailing the alignment and level of the pipeline and associated works with respect to ground levels, structures and services.

2.3 The Requiring Authority shall submit a detailed Health and Safety Management Plan to the Council at least three months prior to commencing construction.

2.4 The Requiring Authority shall submit a detailed Traffic Management Plan to the satisfaction of the Council at least three months prior to commencing works. All traffic and pedestrian control measures detailed in the Traffic Management Plan shall conform with the Transit New Zealand manual entitled "Code of Practice for Temporary Traffic Management Issue 2" and dated October 2002. Specific areas to be addressed in the Plan shall include:

a. The temporary diversion of traffic during construction;

b. Traffic safety;

c. Control at intersections;

d. Consideration of hours of work for heavily trafficked roads;

e. Maintenance of road and property access; and

f. Movement of construction traffic on local roads.

2.5 Not less than two weeks prior to the commencement of works, the Requiring Authority shall meet with the Council for a pre-construction meeting.

2.6 The Requiring Authority shall at all times ensure that access between parts of any single property temporarily severed by construction is maintained to a level that will enable, as far as is practicable, normal operations on the property to continue.

2.7 Except within road reserves, pipeline construction and associated activities shall not occur during the hours of darkness as defined in the Traffic Regulations 1976 except in the case of urgent work necessary to prevent injury to persons or damage to property.

2.8 Within road reserves, pipeline construction and associated activities shall be limited to between the hours of 7 am and 7 pm Monday to Saturday (excluding public holidays) except:

a. Where otherwise stated in a Traffic Management Plan to the satisfaction of the Council submitted pursuant to Condition 2.4; or

b. With the prior written approval of the Council.

2.9 Within road reserves, all construction activities at any one location shall be limited to a linear distance of 300 metres in accordance with the drawing 9009-SK-001 Rev.B in Attachment 1, except with the prior written consent of the Auckland Council.

2.10 Construction activities in private property shall be limited to the period between 1 October in any given year, and 30 April in the following year except with the prior written approval of the Council.

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2.11 Except as otherwise provided, the pipeline shall have a minimum cover of at least 1.5 metres in land zoned rural and 2.0 metres in road reserves and land with a zoning other than rural.

2.12 The Requiring Authority shall liaise with all relevant utility operators during the detailed design and subsequent construction processes prior to undertaking any work pursuant to this designation and shall ensure that all existing utility services located in or adjacent to the designation are:

- a. Accurately located prior to the preparation of the plans detailed in Condition 2.1. If necessary, this shall include exploratory excavation;
- b. Either protected from any activity which may interfere with the proper functioning of the services or relocated;
- c. If damaged, repaired at the Requiring Authority's expense, to the reasonable satisfaction of the affected utility operator; and
- d. Able to be accessed during construction.

2.13 Where existing buried services are encountered the new pipeline shall, where practicable be installed underneath them, with a minimum 0.5 metre vertical separation. Where practicable a 1.0 metre horizontal separation shall be provided from any existing pipeline. If the minimum clearance cannot be achieved during construction, measures such as concrete protection slabs or similar barriers shall be provided to protect the utility from damage as a result of installation of the pipeline.

2.14 The pipeline shall be installed across road carriageways using trenchless construction techniques unless otherwise agreed with Council.

2.15 All works or activities related to the designation shall be designed and undertaken to comply with the New Zealand Electrical Code of Practice for Electrical Safe Distances 2001 (NZECP 34:2001).

2.16 The noise from construction and maintenance works shall be measured, assessed and controlled in accordance with the procedures and limits set out NZS 6803:1999 Acoustics – Construction Noise.

2.17 All pipeline construction activities within road reserves shall be in accordance with the requirements of the Code Of Practice For Working on Roads, jointly published by the Combined Working Group of the Auckland region's territorial authorities and the Auckland Utilities Operators Group, included as Appendix G of evidence presented at the Public Hearing 12 July 2004 by Owen McBride.

2.18 Any damage caused to the road traffic signal inductive loops as a result of construction activities shall be reported to the Council immediately. Any costs associated with the reinstatement of these loops shall be met by the Requiring Authority.

2.19 All works on existing public wastewater, stormwater and water mains shall be carried out by a Council-approved licensed contractor at the Requiring Authority's expense.

3. Heritage

3.1 The Requiring Authority shall, not less than six months prior to the commencement of construction, undertake a detailed Heritage and Cultural Survey along the pipeline route, in consultation with New Zealand Historic Places Trust, affected tangata whenua and Department of Conservation, to confirm the location of any features of heritage and cultural significance. Before the commencement of construction, the Requiring Authority shall submit documentation to the Council advising the outcomes of the survey and specifically identifying:

- a. Features within or adjacent to the construction designation; and
- b. Appropriate protection measures for those features or the provision of the relevant authority to modify or destroy from the New Zealand Historic Places Trust.

3.2 Prior to commencement of construction, the Requiring Authority shall implement a protocol for management

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of construction activities where these activities are in close proximity to known cultural and/or heritage sites and for discovery of taonga, koiwi or artefacts during design and construction ("the Heritage Protocol"). The Heritage Protocol shall be based on the draft protocol contained in Appendix 11.2 of Volume 3 of the Notice of Requirement for Designation (Rev 1).

4. Monitoring and Reinstatement

4.1 For areas outside road reserves, the Requiring Authority shall submit a Reinstatement Management Plan to the satisfaction of the Council at least three months prior to commencing construction. The Plan shall provide a written and photographic record of the area affected by works and shall include the procedures, methods and measures to be applied to address:

- a. Reinstatement of affected areas;
- b. Reinstatement of existing utilities including property infrastructure; and
- c. Post construction monitoring measures to monitor effectiveness of the reinstatement measures.

The reinstatement measures identified in the Reinstatement Management Plan shall be implemented as soon as practicable after areas become available for reinstatement due to the progress of the works.

4.2 For areas outside of road reserves, the Requiring Authority shall monitor reinstated areas at three monthly intervals for a period of 12 months after construction and six monthly for the following 12 months. The Requiring Authority shall submit a Reinstatement Report to the Council within one month of completion of each monitoring inspection. The Requiring Authority shall as soon as practicable undertake any remedial work identified in the Reinstatement Report as necessary to achieve the outcomes specified in the Reinstatement Management Plan submitted pursuant to Condition 4.1.

4.3 Where the designation is within road reserves, the Requiring Authority shall engage a Council-approved suitably qualified independent consultant to undertake a before and after construction assessment based on a Road Asset Management requirement including RAMM condition rating survey and High Speed Data rating survey of every road in which the pipeline is located. The consultant shall prepare an Initial Road Reinstatement Report as soon as practicable after completion of construction works and submit that Report to the Council. The Requiring Authority shall as soon as practicable as required by the Council undertake any remedial work identified in the Initial Road Reinstatement Report as necessary to ensure that the roads are reinstated to the same standard as prior to construction.

4.4 Within road reserves, the Requiring Authority shall monitor the areas where work has been undertaken pursuant to the Initial Road Reinstatement Report at three monthly intervals for a period of 12 months after remediation. The Requiring Authority shall submit a Further Road Reinstatement Report to the Council within one month of completion of each monitoring inspection. The Requiring Authority shall as soon as practicable as required by the Council undertake any remedial work identified in any Further Road Reinstatement Report as necessary to ensure that the roads are reinstated to the same standard as prior to construction.

5. Completion

5.1 The Requiring Authority shall submit to the Council detailed as-built pipeline alignment drawings of both pipelines within three months of the commissioning of the new pipeline. The as built drawings shall include geodetic coordinates for all key locations in agreed electronic format.

5.2 Where any maintenance, upgrade or renewal works result in amendments to the as-built pipeline alignment drawings, updated drawings shall be provided to the Council within three months of the commissioning of those new works.

5.3 The Requiring Authority shall submit to the Council a detailed as-built specification of the road works reinstatement undertaken in accordance with industry best practice within one month of completion of the works.

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5.4 The Requiring Authority shall give notice to the Council that it no longer wants the construction width of the designation pursuant to Section 182 of the Resource Management Act 1991 within three months of completion of the work.

6. Specific Conditions

6.1 All activities excluding construction and maintenance at the stations along the route shall be conducted and buildings located, designed and used to ensure that the noise levels within the notional boundary of any rural dwelling or the boundary of any residential dwelling does not exceed the following limits:

- a. Monday to Sunday 7:00am - 7:00pm 50dBA (L10);
- b. Monday to Sunday 7:00pm - 7:00am 40dBA (L10);

Noise levels shall be measured in accordance with the requirements of NZS 6801:2008 Measurement of Sound and assessed in accordance with the requirements of NZS 6802:2008 Assessment of Environmental Sound.

6.2 The Requiring Authority shall submit a Construction Noise Management Plan to the satisfaction of Council at least three months prior to commencing construction. The Plan shall be developed and implemented in accordance with Condition 2.16 for construction works along the pipeline and shall:

- a. Identify all occupied dwellings which are located within 40 metres of any area to be used for pipeline construction and installation purposes;
- b. Provide predicted construction noise levels for all dwellings identified in clause (a); and
- c. Specify mitigation measures needed to achieve compliance with Condition 2.16 for all dwellings where required, or alternative strategies for ensuring that construction noise levels will be acceptable to the occupants of identified dwellings to ensure that these are acceptable to them.

6.3 Unless otherwise agreed with Council, trenchless technology shall be used where the pipeline crosses a road pavement transversely.

6.4 Unless otherwise agreed with Council, open trench construction must be used where the pipeline runs longitudinally within the road.

The length of open trench at any one time and at any one location shall be in accordance with drawing 9009-SK-001 Rev.B, such that the length of trench open at the end of each days work is no greater than 10m, and that the trench will be backfilled completely where two lanes of traffic cannot otherwise be achieved.

Traffic management shall be in accordance with the Traffic Management Plan required in Condition 2.4. Where two lane traffic cannot be maintained past the open trench, the trench shall be backfilled, with a temporary surfacing provided to a safe and trafficable condition. A council approved temporary method of bridging the open trench may be used to ensure that two lanes of traffic can pass safely over this section of road at the end of each day.

Elsewhere trenches shall be backfilled flush with the adjacent road surface to a safe and trafficable condition at the end of the working day.

6.5 The road reinstatement detailed in Condition 4.3 must include the full resurfacing with the same surface material of either the lane width occupied by the pipeline or one half of the road carriageway including road marking, and repair to traffic islands. If construction activities affect both halves of the road carriageway to the extent that the ride quality is affected over the full width of the road carriageway then the full width of the carriageway must be resurfaced in accordance with Condition 6.6. Assessment of the width of the carriageway to be resurfaced will be as determined by the roading consultant appointed in accordance with Condition 4.3.

6.6 Reinstatement of the areas affected by construction activities within the road carriageway shall comply with the requirements of Condition 2.17 except that the carriageway areas must be resurfaced with TNZ Mix 15.

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Where the existing surface is asphalt, the existing surface shall be milled and a Council approved membrane seal shall be applied to the milled surface to an approved Council standard, prior to placement of the asphalt.

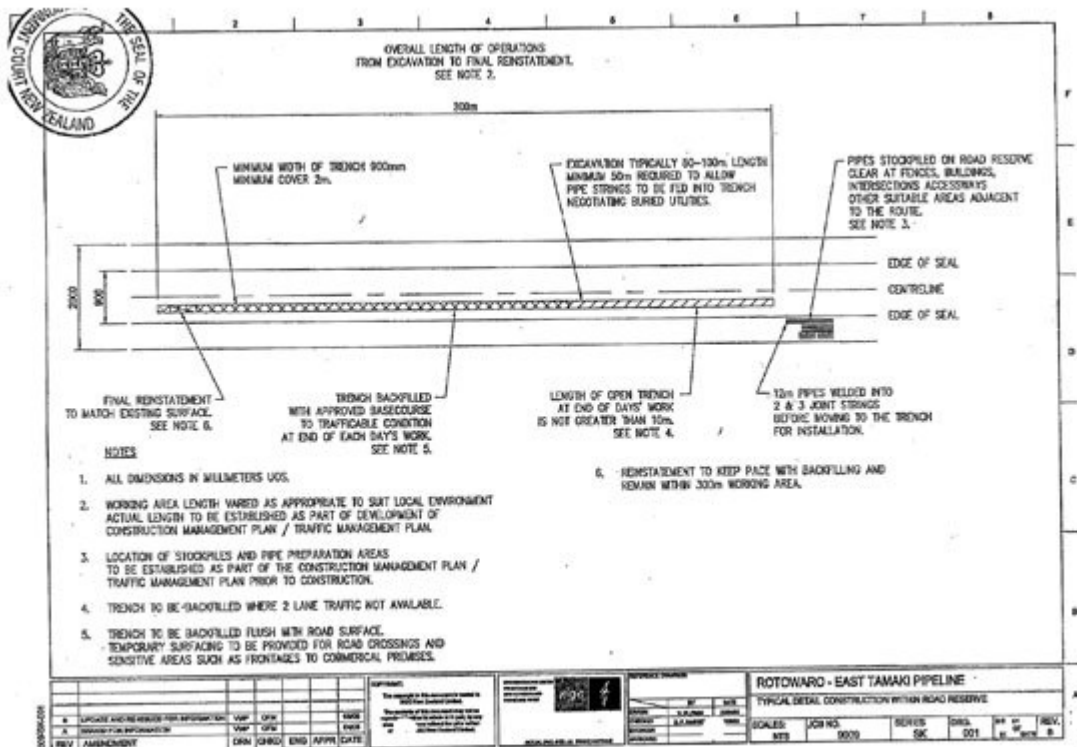
6.7 Regarding the requirement to provide as-built information in accordance with the asset data standards for Auckland Council, Vector and their consultant shall provide as-built data for all Council assets that are disturbed or reinstated as a result of installation of the gas pipeline.

Advice Notes

1. Access to overhead electricity transmission lines, poles or supporting structures shall be maintained at all times in accordance with the Electricity Act 1992.
2. Guidelines for land consultation, agreement for entry for construction and grant of easement, and construction damage release are contained in the Land Access Code jointly published by Federated Farmers Institute of New Zealand Incorporated and the Petroleum Exploration Association of New Zealand and dated May 1997. Vector is encouraged to engage in a review of the Land Access Code with Federated Farmers.
3. The Requiring Authority is obliged to operate the pipelines and ancillary facilities in accordance with the requirements of NZ/AS2885: Pipelines – Gas and Petroleum Liquids, and the Health and Safety in Employment (HSE) Pipelines Regulations 1999 and for the existing pipeline in accordance with the authorisation issued for those facilities in terms of the Petroleum Act 1937.
4. All necessary regional consents must be obtained prior to the construction of the new facilities. Consultation with Department of Conservation and other affected parties may be required as part of obtaining these consents.
5. A resource consent to authorise the transmission of gas beneath State Highway 1 will need to be obtained from the Council prior to commissioning of the pipeline.
6. An authority may need to be obtained from the New Zealand Historic Places Trust to destroy, damage or modify an archaeological site(s) in accordance with the Historic Places Act 1993.
7. Pursuant and subject to Section 36 of the Resource Management Act 1991 the actual and reasonable costs incurred by the Council in monitoring conditions of this recommendation shall be paid by the Requiring Authority.
8. The cost of repairing poorly reinstated trenches has been estimated at 5-15% of the maintenance programme for local authorities. This was analysed in detail in Transfund Research report No. 249 entitled “Impact of Poorly Reinstated Trenches on Roughness”. The key performance indicators for assessing trench reinstatement are riding quality and surface defects which include corrugations, rutting and settlement. An assessment of the pavement performance can be made by back-calculation of Falling Weight Deflectometer (FWD) deflection data. The above noted surface defects can be measured before and after trenching using a laser profilometer (high speed data capture) for rutting, roughness, and texture depth.

Attachments

Drawing 9009-SK-001 Rev.B



Number	Purpose	Location
9300	Water supply purposes - pump station, reservoir and associated structures	2A Sunset Road, Unsworth Heights
9301	Water supply purposes - pump station, future reservoirs and associated structures	53 Schnapper Rock Road, Albany
9302	Water supply purposes - reservoir, pump station and associated structures	106 Pupuke Road, Hilcrest
9303	Water supply Purposes - pump station and associated structures	39 Killarney Street and part of adjoining road reserve, Takapuna
9304	Water Supply purposes - reservoirs and associated structures	83 and 89 Waipa Street, Birkenhead
9305	Water supply purposes - reservoir and associated structures	395 Upper Harbour Drive, Greenhithe
9306	Water supply purposes - reservoir and associated structures	192 Browns Bay Road, Murrays Bay

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9307	Water supply purposes - reservoir and associated structures	179 Kowhai Road, Mairangi Bay
9308	Water supply purposes - reservoir, pump station and associated structures	253 Forrest Hill Road, Forrest Hill
9309	Water supply purposes - existing and proposed reservoirs and associated structures	69 Corinthian Drive, Albany
9310	Wastewater purposes - wastewater treatment plant odour buffer area	Rosedale Park, and reserves, roads and motorway in the vicinity of the wastewater treatment plant
9311	Wastewater purposes - wastewater treatment plant and underground route of outfall to Mirangi Bay	Rosedale Road and Upper Harbour Highway, Albany, then via various properties and roads to Mirangi Bay
9312	Water supply purposes - pump station and associated structures	22B Easter Parade, Glen Eden
9313	Water supply purposes - pump station and associated structures	161C Colwill Road, Massey
9314	Water supply purposes - pump station and associated structures	47A Phillip Avenue, Glen Eden
9315	Water supply purposes - reservoir and associated structures	126 McEntee Road, Waitakere
9316	Water supply purposes - reservoir and associated structures	270 Don Buck Road, Massey
9317	Water supply purposes - reservoir and associated structures	893 and 895 Scenic Drive North, Swanson
9318	Water supply purposes - reservoir and associated structures	272A Scenic Drive, Titirangi
9319	Water supply purposes - reservoir and associated structures	19 Bush Road, Waiatarua
9320	Water supply purposes - reservoir and associated structures	1076A Huia Road, Huia
9321	Water supply purposes - water catchment headworks areas	Waitakere Ranges
9322	Water supply purposes - headworks services land	Waitakere Ranges
9323	Water supply purposes - water treatment plant and associated structures	105-121 Christian Road, Swanson and 21 Long Road, Bethells
9324	Water supply purposes - water treatment plants and associated structures	Woodlands Park Road, Manuka Road and Exhibition Drive, Titirangi
9325	Water supply purposes - reservoir and associated structures	88 Sunhill Road, Glen Eden

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9326	Water supply purposes - reservoir and associated structures	166-176 Konini Road, Titirangi
9327	Wastewater purposes - storage tanks and associated structures	56 The Concourse, Henderson
9328	Water supply purposes - pump station and associated structures	143 Flanshaw Road, Te Atatu
9329	Water supply purposes - pump station and associated structures	Road Reserve on Pleasant Road / Titirangi Road Corner
9330	Water supply purposes - pump station and associated structures	Totara Road Esplanade Reserve, 9 Kelvin Crescent, Te Atatu Peninsula
9331	Water supply purposes - water treatment plant and associated structures	415A Te Atatu Road, Te Atatu
9332	Water supply purposes - water treatment plant and associated structures	Wood Bay Beach Reserve in the vicinity of 81 Wood Bay Road, Titirangi
9333	Water supply purposes - pump station and associated structures	Road Reserve, adjoining 172A Laingholm Drive, Laingholm
9334	Water supply purposes - pump station and associated structures	97B Fred Taylor Drive, Whenuapai
9335	Water supply purposes - water treatment plant	362 Wayby Valley Road, Wellsford
9336	Water supply purposes - reservoir and associated structures	Worthington Road (Lot 1 DP 57349), Wellsford
9337	Wastewater purposes - wastewater treatment plant	Between State Highway 1 and Rustbrook Road (Lot 3 DP 64870), Wellsford
9338	Water supply purposes - reservoir and associated structures	31 Omaha Drive, Omaha
9339	Wastewater purposes - wastewater treatment plant	978 Matakana Road, Matakana
9340	Wastewater purposes - wastewater treatment plant	64 Jones Road, Omaha Flats
9341	Water supply purposes - reservoir and associated structures	20 View Road, Warkworth
9342	Wastewater purposes - wastewater treatment plant	6 Brown Road, Warkworth
9343	Wastewater purposes - wastewater treatment plant	55 Alnwick Street and Part Allot 68, SO 64916 Warkworth
9344	Water supply purposes - reservoir and associated structures	James Street, Snells Beach, and adjoining properties (Lots 1 and 2 DP 205704)
9345	Water supply purposes - reservoir and associated structures	32 Tudor Collins Drive, Warkworth
9346	Wastewater purposes - wastewater treatment plant	114 and 118 Hamilton Road, Warkworth

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9347	Wastewater purposes - wastewater treatment plant	Te Whau Creek, Hamilton Road (east of 287 and 309 Hamilton Road), Snells Beach
9348	Wastewater purposes - wastewater treatment plant	Weranui Road, in the vicinity of 135 Weranui Road, Waiwera
9349	Water supply purposes - reservoir and associated structures	1002 Hibiscus Coast Highway, Waiwera
9350	Water supply purposes - reservoir and associated structures	138 West Hoe Heights, Orewa
9351	Wastewater purposes - wastewater treatment plant	228 Millwater Parkway, Orewa
9352	Water supply purposes - reservoir and associated structures	105 Wainui Road
9353	Water supply purposes - reservoir and associated structures	231 Whangaparaoa Road, Whangaparaoa
9354	Water supply purposes - reservoir and associated structures	104A Wade River Road, Arkles Bay
9355	Water supply purposes - reservoir and associated structures	1170 Whangaparaoa Road, Tindalls Bay
9356	Wastewater purposes - wastewater treatment plant	Kaipara Coast Highway (Sec 50 SO 47244), Helensville
9357	Water supply purposes - dams	215 Mangakura, Kiwitahi and Wishart Roads, Helensville
9358	Water supply purposes - reservoir and associated structures	Wishart Road (Sec 62 BLK XIV Kaipara Surevey District), Helensville
9359	Wastewater purposes - wastewater treatment plant	18 Oraha Road, Huapai
9360	Water supply purposes - water treatment plant	148-162 Motutara Road, Muriwai
9361	Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant	Land surrounding the wastewater treatment ponds including 106 Rustybrook Road, 1496 State Highway 1, 133 Wayby Valley Road and Lot 2 DP 171826, Wellsford
9362	Wastewater purposes - wastewater treatment plant	1535 Whangaparaoa Road, Army Bay
9363	Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant	Land surrounding the wastewater treatment ponds, Te Whau Creek, Snells Beach (including 287 and 309 Hamilton Road and 120 Hamatana Road)
9364	Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant	Land surrounding the wastewater treatment ponds, (including 135 Weranui Road and 12, 45, 83 and 105 Jarvis Road), Waiwera
9365	Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant	Land surrounding the wastewater treatment ponds, Millwater Parkway (including 228 Millwater Parkway, Allot 652 SO 47998 and Pt Lot 5 DP 168591), Orewa
9366	Water supply purposes - reservoir and associated structures	190 West Hoe Heights, Orewa

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9367	Water supply purposes - reservoir and associated Structures (including power supply and telemetry)	2 Lonely Track Road, Glenvar
9368	Water supply purposes - pump station and associated structures	East Coast Road (road reserve) south of Bawden Road, Redvale
9369	Water supply purposes - reservoir and associated structures	125 Scott Road, Wade Heads
9370	Wastewater purposes - pump station, constructed overflow and associated structures	228 Millwater Parkway, Silverdale
9371	Water supply purposes - pump station and associated structures	2-12 Lincoln Park Avenue, Massey

9300 Sunset Road Reservoir and Pump Station Structures

Designation Number	9300
Requiring Authority	Watercare Services Ltd
Location	2A Sunset Road, Unsworth Heights
Rollover Designation	Yes
Legacy Reference	Designation 96, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9301 Schapper Rock Road Pump Station and Future Reservoirs

Designation Number	9301
Requiring Authority	Watercare Services Ltd
Location	53 Schnapper Rock Road, Albany
Rollover Designation	Yes
Legacy Reference	Designation 97, Auckland Council District Plan (North Shore Section 2002)
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water pump station, future reservoirs and associated structures.

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Conditions

No conditions.

Attachments

No attachments.

9302 Pupuke Road Reservoir and Pump Station

Designation Number	9302
Requiring Authority	Watercare Services Ltd
Location	106 Pupuke Road, Northcote
Rollover Designation	Yes
Legacy Reference	Designation 98, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9303 Killarney Street Pump Station

Designation Number	9303
Requiring Authority	Watercare Services Ltd
Location	39 Killarney Street and part of the road reserve, Takapuna
Rollover Designation	Yes
Legacy Reference	Designation 99, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

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No attachments.

9304 Waipa Street Reservoirs

Designation Number	9304
Requiring Authority	Watercare Services Ltd
Location	83 and 89 Waipa Street, Birkenhead
Rollover Designation	Yes
Legacy Reference	Designation 100, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9305 Upper Harbour Drive Reservoir

Designation Number	9305
Requiring Authority	Watercare Services Ltd
Location	395 Upper Harbour Drive, Greenhithe
Rollover Designation	Yes
Legacy Reference	Designation 101, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9306 Pinehill Reservoir

Designation Number	9306
Requiring Authority	Watercare Services Ltd

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Location	192 Browns Bay Road, Murrays Bay
Rollover Designation	Yes
Legacy Reference	Designation 102, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9307 Mairangi Bay Reservoir

Designation Number	9307
Requiring Authority	Watercare Services Ltd
Location	179 Kowhai Road, Mairangi Bay
Rollover Designation	Yes
Legacy Reference	Designation 103, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9308 Forrest Hill Reservoir and Pump Station

Designation Number	9308
Requiring Authority	Watercare Services Ltd
Location	253 Forrest Hill Road, Forrest Hill
Rollover Designation	Yes
Legacy Reference	Designation 104, Auckland Council District Plan (North Shore Section) 2002

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Water supply purposes - reservoir, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9309 Corinthian Drive Reservoirs

Designation Number	9309
Requiring Authority	Watercare Services Ltd
Location	69 Corinthian Drive, Albany
Rollover Designation	Yes
Legacy Reference	Designation 105, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - existing and proposed reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9310 Rosedale Wastewater Treatment Plant Odour Buffer Area

Designation Number	9310
Requiring Authority	Watercare Services Ltd
Location	Rosedale park and reserves, roads and motorway in the vicinity of Wastewater Treatment Plant
Rollover Designation	Yes
Legacy Reference	Designation 163, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Wastewater purposes - wastewater treatment plant odour buffer.

Conditions

1. The extent of the odour buffer zone shall be as indicated on the Plan annexed to this decision (No.54 from the Figures Booklet produced to the hearings) and the boundary of the odour buffer zone shall be the boundary marked on that Plan.

2. The Requiring Authority shall prepare an Odour Management Plan (which may form part of a Plant Operations Management Plan) that accurately records all management and operational procedures, methodologies and contingency plans necessary to achieve the 'no offensive or objectionable odour' threshold test, measured at the boundary of the odour buffer zone, by 1 July 2004. The Odour Management Plan required by this condition is to be submitted to the Team Leader, Environmental Protection of the North Shore City Council for written approval by 1 July 2001. The Odour Management Plan is to be reviewed from time to time to ensure that the best practicable options are being pursued in order to attain the 'no offensive or objectionable odour' threshold test. Any review is to be submitted to the Team Leader, Environmental Protection for approval prior to its forming part of the Odour Management Plan.

a. Notwithstanding the 'no offensive or objectionable odour' threshold timeframe, the Odour Management Plan shall contain a time bound procedure designed to minimise odour risk for the users of the Rosedale Parks when any regional, national or international event is hosted at those parks. The Requiring Authority shall request from the Rosedale Park users groups at 4 monthly intervals (or within such other time period agreed to by individual user groups) a list detailing the timing of such events.

3. On completion of the Stage 3 upgrade works at the WWTP site in 2001 and the decommissioning of the trickling filters by July 2004, there shall be no odour, dust or fumes caused by discharges from the WWTP site beyond the boundary of the odour buffer which, in the opinion of an enforcement officer, are noxious, offensive or objectionable.

4. Should pond odours continue to be objectionable or offensive as measured at the odour buffer boundary by 2008, the Requiring Authority shall commence a process of consultation to determine the future of the ponds.

5. There shall be no restrictions on existing users of Rosedale Park, Rosedale Park North or Rosedale Park South as a result of the odour buffer designation. This shall include no restrictions imposed as a result of the designation on such extensions of existing buildings and playing surfaces as are reasonably necessary for the support of existing uses and associated growth.

6. The operator of the Wastewater Treatment Plant shall invite representatives of those groups which use either Rosedale Park or Rosedale Park South on a regular basis to form a Users Liaison Group to meet with the Plant operator on an ongoing basis.

a. The purpose of the Users Liaison Group is to facilitate communication and dialogue between the Plant operator and those groups with facilities within the odour buffer zone and which regularly use the Rosedale Parks. The members of the Users Liaison Group are to be kept informed of the operation of and upgrades to the Treatment Plant (including the findings of any peer review reports), and the effects which any works are expected to have on odour levels within the Parks or on use of the Parks.

b. The Requiring Authority (or any other operator of the Treatment Plant) shall use its best endeavours to ensure that any upgrade works or plant operations which could result in odour or other adverse effects are avoided or deferred during all major events held at the Parks (such as prize-givings, championships, regional, national or international events). In order to achieve this, the Requiring Authority (or other operator) is to ascertain from the Users Liaison Group the timing of all such major events and details of any applications to secure such events.

c. Meetings of the Users Liaison Group may be called by any Group member and are to be convened at least twice each year to coincide approximately with the beginning and end of the various codes' playing seasons. It is the responsibility of the Requiring Authority (or other Plant operator) to coordinate such meetings and to prepare the agenda for each meeting. A minimum ten days' notice shall be given to all Users Liaison Group

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members of any proposed meeting, which shall be held at the Treatment Plant site. A representative of the Auckland Regional Council, and the Parks Officer of the North Shore City Council who is responsible for the Rosedale Parks shall be invited to attend all Users Liaison Group meetings. The Requiring Authority shall keep minutes of each meeting, and will circulate such minutes to all members, the ARC and the North Shore City Council (Parks Department) as soon as reasonably practicable following each meeting.

7. In accordance with Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of 35 years after the date on which it is included in the District Plan unless:

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the district plan ceasing to be operative.

Attachments

No attachments.

9311 Rosedale Wastewater Treatment Plant

Designation Number	9311
Requiring Authority	Watercare Services Ltd
Location	Rosedale Road and Upper Harbour Highway, Albany then via various properties and roads to Mirangi Bay
Rollover Designation	Yes
Legacy Reference	Designation 164, Auckland Council District Plan (North Shore Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - wastewater treatment plant and underground route of outfall to Mairangi Bay.

Conditions

General Conditions

1. Except as modified by the conditions below, the scope and extent of the works within the designated area shall be undertaken generally in accordance with the information provided by the North Shore City Council Notice of Requirement dated 17 December 1999, the supporting document 'Project Rosedale Assessment of Effects on the Environment (AEE), December 1999', the plans contained in the Appendices and Technical Reports accompanying the Notice of Requirement, and in the evidence called by the requiring authority at the hearings of the Notice of Requirement held at North Shore City Council between 26 October and 8 November 2000 subject to the approved Outline Plan(s) and in accordance with the conditions set out below.

Bulk and Location of Buildings at Treatment Plant Site

2. Where practicable, new buildings are to be located in Zones A and C as shown on Drawing 24 of the AEE. Other buildings which have a functional need to locate outside of these areas shall be designed in a manner that is sympathetic to the open space and wildlife values surrounding the main treatment pond (sometimes known as Lake Rosedale). Any land taken or held for the works shall be maintained to reasonable standard until construction of the facilities commences, to the intent that no nuisance is created to properties in the vicinity.

3. In all cases, buildings shall be located no closer than 5.0 metres to the boundary of the site.

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4. The maximum height of any building shall not exceed 14.0 metres above natural ground level.

Outline Plan(s)

5. Before any construction is commenced an Outline Plan(s) shall be submitted in terms of Section 176A of the Resource Management Act 1991 to the North Shore City Council. The outline plan(s) may be submitted in stages to reflect any proposed staging of the physical works. The outline plan(s) is to be submitted to an independent party appointed by the Chief Executive Officer of the North Shore City Council for assessment and recommendations to the Council. The outline plan(s) shall include those matters required to be included by section 176A(3) of the Act and those matters specified in conditions 6, 7, 9, 11-27, 33-35, 37, 38, 40 below:

6. During both the preparation of the outline plan(s) and the construction period, the Requiring Authority shall take into account the location of existing infrastructure and utility services, including particular regard to the existing UnitedNetworks electricity transmission line which traverses the treatment plant site, and also have regard to the likely location of future infrastructure and utility services, and undertake consultation with such appropriated North Shore City Council departments and network utility operators as necessary to achieve this.

7. Should the existing 110kV overhead transmission lines within part of the WTP site need to be relocated as a result of construction works, the Requiring Authority shall, prior to March in any year, provide United Networks Limited ("United Networks") with at least 6 months' notice of such relocation being required.

Construction Management Plan

8. Prior to the commencement of any earthworks or construction activity on the designation site (excluding site investigations, but including tunnelling and the deposit of excavated material), the Requiring Authority shall consult with UnitedNetworks in preparing a Construction Management Plan to ensure that the maintenance and operation of UnitedNetwork's infrastructure located within the designation site are not adversely affected by earthworks or construction activity within 20 metres of that infrastructure.

9. At least 1 month prior to the commencement of any earthworks or construction activity on the designation site (excluding site investigations, but including tunnelling and the deposit of excavated material), the Requiring Authority shall ensure that a Construction Management Plan is submitted:

- a. In its entirety to the Team Leader, Resource Consents of the North Shore City Council; and
- b. Those parts relating to earthworks or construction activity within 20 metres of UnitedNetworks' infrastructure, to UnitedNetworks;
- i. subject to conditions of Auckland Regional Council resource consents.

10. The Construction Management Plan required by condition 9 shall identify amongst other things:

- a. Method to avoid, remedy or mitigate any adverse effects of earthworks or construction activity on UnitedNetworks infrastructure located within the designation site;
- b. The area and volume of earthworks, together with erosion and silt control measures;
- c. Transportation, stock piling and storage of excavated material including sludge and spoil (and including measures to ensure that there is no stockpiling or storage within the root zone of any protected tree);
- d. Storage of construction equipment (including measures to ensure that there is no stockpiling or storage within the root zone of any protected tree);
- e. Fencing of construction activities from residential properties and public places;
- f. Security fencing;
- g. Cleaning of spilled debris from public places;
- h. Specific methods by which dust will be managed, including cleaning vehicle tyres before vehicles enter public roads, wetting or covering surfaces and replanting disturbed areas;
- i. Contingency measures to ensure that, in the event of any dust nuisance arising, immediate remedial measure are implemented;
- j. A dilapidation survey of such nature and extent as should be considered reasonable and necessary by the

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Team Leader, Resource Consents of the North Shore City Council;

- k. The effects of, and procedures for prior notification of the use of, machinery or blasting likely to generate vibration effects to properties where such vibrations may be felt;
- l. Procedures for handling any dust and vibration complaints;
- m. Traffic movements;
- n. Hours of operation by trucks and service vehicles;
- o. Parking of workers' vehicles;
- p. Lighting in relation to adjacent residential properties;
- q. The extent of and quality control measures for reinstatement of public areas;
- r. A single point of contact to field general inquiries from the public relating to the project;
- s. A 24 hour point of contact for the Council;
- t. How compliance with the appropriate NZS noise and construction standards is to be achieved;
- u. How the NZ Electrical Code of Practice 34 (or any other code in substitution for or amendment of that Code) is to be complied with in respect of any works which would affect the existing 110kV overhead electricity transmission lines within part of the WWTP site;
- v. The measures to be adopted to filter odours which may be emitted through tunnel shafts or openings;
- w. Any matters required to be included as a result of conditions of any relevant consents granted by the Auckland Regional Council; and
- x. Any other measures required on the approval, pursuant to condition 5 above, or an Outline Plan(s) for the works.

11. The Requiring Authority shall ensure that the Construction Management Plan is complied with at all times during construction work.

Construction Works

12. All contract documentation for physical works shall include the designation conditions, the approved outline plan(s) and any other resource consents (including conditions) held for the project.

13. The Requiring Authority and its contractors shall, in addition to complying with all other construction-related conditions, take all reasonable steps to prevent or mitigate any nuisance or damage to adjacent properties during construction.

14. Dust arising from construction activities shall be suppressed by the use of water sprays and other appropriate methods so as to prevent nuisance to adjacent occupiers and landowners.

15. The construction of the tunnel (including the spreading of spoil) and the treatment plant upgrading works shall be undertaken in such a manner as to avoid as far as is practicable the generation of dust from such activities which causes or is likely to cause nuisance beyond the boundary of the designated area.

16. The activities or works shall not generate vibrations that may cause discomfort or adversely affect the health and well being of the occupants of premises outside the designation, except when the written consent of the occupants is obtained. Vibrations which do not exceed the limits referred to below as set out in the provisions of International Standard ISO 2631-2: 1989 "Evaluation of human exposure to whole body vibration – Part 2 Continuous and Shock-induced Vibration in Buildings (1 to 80 Hz)" will be deemed to meet this requirement. These particular limits require that the vibration levels (acceleration measured in metres per second) relative to the frequency shall not exceed the base curves of figure 2A (z axis), 3a (x, y and z axes) and 4a (combined x, y and z axes) of ISO 2631-2:1989.

17. The assessment of continuous, intermittent and transient (impulsive) vibrations shall be carried out by a suitably qualified and experienced person in accordance with Annex A and Table 2 of ISO 2631-2:1989.

18. The instruments used to measure vibrations and the methods of measurement shall comply with a

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recognised standard such as Australian Standard AS2973:1987 Vibration and Shock – Human response.

19. The Team Leader, Resource Consents of the North Shore City Council may approve vibration levels above the standards specified in Condition 16 when satisfied that higher levels are necessary for construction or demolition work of limited duration.

20. All tunnel construction activities shall be controlled so as to ensure that any ground vibration will not adversely affect the structural integrity of any building or structure or facility (that is not connected with the land covered by this designation) or cause a reduction in its utility value. Peak particle velocities measured on any foundation or uppermost full storey of any building not related to the site, which do not exceed the limits set out in Table 1 of German Standard DIN 4150 Part 3: 1986 “Structural Vibration in Buildings – Effects on Structures”, will be deemed to meet these requirements. Such monitoring as is necessary to ensure compliance with this condition shall be undertaken. Records of monitoring undertaken shall be made available to the Council on request.

21. Prior to the commencement of tunnelling works, the Requiring Authority shall consult with those property owners and occupiers whom it may reasonably expect would experience vibrations from the tunnelling. Persons involved in this consultation shall be advised of the duration and anticipated effects of the project.

22. The disposal tunnel shall be constructed in such a way as to prevent damage, loss of amenity or injury to people, buildings, and other property and facilities due to erosion, vibration, subsidence, or loss of support of the land adjacent to the tunnel.

23. The Requiring Authority shall advise all neighbouring owners and occupiers of the date on which construction is to start, the expected duration of the works, and the telephone number of a contact person who is able to respond to queries.

24. At least one month before any construction works take place upon and in the immediate proximity of the Mairangi Bay reserve, a public notice shall be provided in an appropriate place on the reserve advising of the general nature of the works and the date of their commencement.

25. At all times reasonable physical access shall be maintained to other properties in vicinity of all the construction works.

26. Measures shall be undertaken to keep the roads in the vicinity of the tunnel construction site, public places and treatment plant construction area free from any debris resulting from the construction works.

27. The programming of truck and other large vehicle movements shall be arranged so that such vehicles do not wait or queue on the street other than for normal traffic movements when opposing traffic obstructs their way.

28. Should construction work uncover any archaeological remains, the Requiring Authority shall immediately advise local Kaumatua of iwi claiming tangata whenua status in the immediate area and the New Zealand Historic Places Trust and cease working in the affected area until any necessary authority required by the New Zealand Historic Places Trust is obtained. All archaeological sites are protected under the provision the Historic Places Act 1993, whereby it is unlawful to modify, damage or destroy an archaeological site, whether recorded or not, without the prior consent of the Historic Places Trust.

Discharges

29. The Requiring Authority shall prepare an Odour Management Plan which accurately records all management and operational procedures, methodologies and contingency plans necessary to achieve the ‘no offensive or objectionable odour’ threshold test, measured at the boundary of the odour buffer zone, by 1 July 2004. This Management Plan shall include an odour monitoring component. The Odour Management Plan required by this

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condition is to be submitted to the Team Leader, Environmental Protection of the North Shore City Council for written approval by 1 July 2001. The Odour Management Plan is to be reviewed from time to time to ensure that the best practicable options are being pursued in order to attain the no offensive or objectionable odour threshold test. Any review is to be submitted to the Team Leader, Environmental Protection for approval prior to its forming part of the Odour Management Plan.

i. Notwithstanding the no offensive or objectionable odour threshold timeframe, the Odour Management Plan shall contain a time bound procedure designed to minimise odour risk for the users of the Rosedale Parks when any regional, national or international event is hosted at those parks. The Requiring Authority shall request from the Rosedale Park users groups at 4 monthly intervals (or within such other time period agreed to by individual user groups) a list detailing the times of such events.

30. On completion of the Stage 3 upgrade works in 2001 and the decommissioning of the trickling filters by 1 July 2004 (or within 2 years of the designation being included in the District Plan) there shall be no odour, dust or fumes caused by discharges from the site beyond the boundary of the odour buffer which, in the opinion of an enforcement officer, are noxious, offensive or objectionable.

31. The trickling filters at the Plant are to be either fully enclosed (with appropriate biofilters) or decommissioned as soon as practicably possible. A programme to achieve this is to be submitted to the satisfaction of the Council and the ARC by 31 January 2001.

32. Other odour reducing actions as outlined in the documentation which accompanied the Requirement and as described in the evidence of the Requiring Authority, namely the evidence in November 2000 of Dr M Jones (page 17, paragraph 12.2), and Mr J Hodges (page 85, paragraph 17.3, and page 97, paragraph 21.3(d)), including (but not restricted to) the treatment of odorous gases from the screening building, covering the primary sedimentation tanks and treatment of odour gases, treatment of gases from the biosolids dewatering plant and reduction of oxidation pond loads is to progress as soon as practicably possible until the 'no objectionable or offensive' odour test is met at the amended odour buffer boundary.

33. No discharges from any activity on site shall give rise to visible emissions, other than water vapour and steam, to an extent that, in the opinion of any enforcement officer is noxious, offensive or objectionable.

34. Should pond odours continue to be noxious, offensive or objectionable as monitored at the odour buffer boundary by 2008, the Requiring Authority is to commence a process of consultation to determine the future of the ponds.

Visual Impact Mitigation Conditions

35. As part of the outline plan(s) the Requiring Authority shall prepare a landscape mitigation plan, based on the landscape plan prepared by LA4 Landscape Architects (drawing 34) and included in the AEE.

36. The landscape plan is to be implemented as works progress, with the planting proposed to mitigate the effects of development within Area C being implemented as soon as practicably possible. To facilitate this a planting plan illustrating the manner in which the visual impact of future development in Zone C shall be addressed is to be produced as soon as practicably possible, and no later than 12 months prior to construction commencing.

37. This plan shall include all proposed planting (including species, species sizes, densities, areas and locations), the planting programme and the maintenance programme. Such planting shall be implemented in the first planting season following commencement of operations at the station.

38. The landscape maintenance programme shall extend for a minimum of five years following implementation. It shall include performance standards specifying the minimum average growth rates and survival rates for planting, and shall include any practicable and reasonable maintenance measures including control of invasive

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weed species.

39. The surface materials of structures and facilities on the WWTP site are to be finished in natural tones.

Noise Impact Mitigation Conditions

40. The day to day operation of the treatment plant in non extreme weather conditions shall comply with the noise levels set out in Section 10 of the Proposed North Shore District Plan for the Residential Zones or be inaudible against the normally present background noise. The plan upgrades are to include specific design elements as directed by a suitably qualified acoustic engineer. The characteristics of all noise sources on site (including tonal components) should be addressed in the design criteria.

41. The Environmental Protection Department of the North Shore City Council is to be informed of any interim measures to protect the residential areas adjacent to the Plant prior to further plant upgrades.

42. The Requiring Authority shall ensure that all construction works comply with NZS6803P:1999 The Measurement and Assessment of Noise from Construction, Maintenance, and Demolition Work with a best practicable option approach being adopted to minimise noise exposure (particularly from tunnel access shafts) at all residential site boundaries. Prior to tunnel construction commencing, a noise management plan is to be submitted and approved by the Council showing how construction noise will be attenuated.

Traffic and Parking Conditions

43. On site manoeuvring for all vehicles shall be provided so that no reverse manoeuvring onto streets will occur from the treatment plant site or any construction site associated with this designation.

44. The Requiring Authority will maintain a sufficient number of parking and loading spaces within the WWTP site to comply with Table 12.1 "Parking Standards" of the Proposed District Plan.

Duration of the First Designation

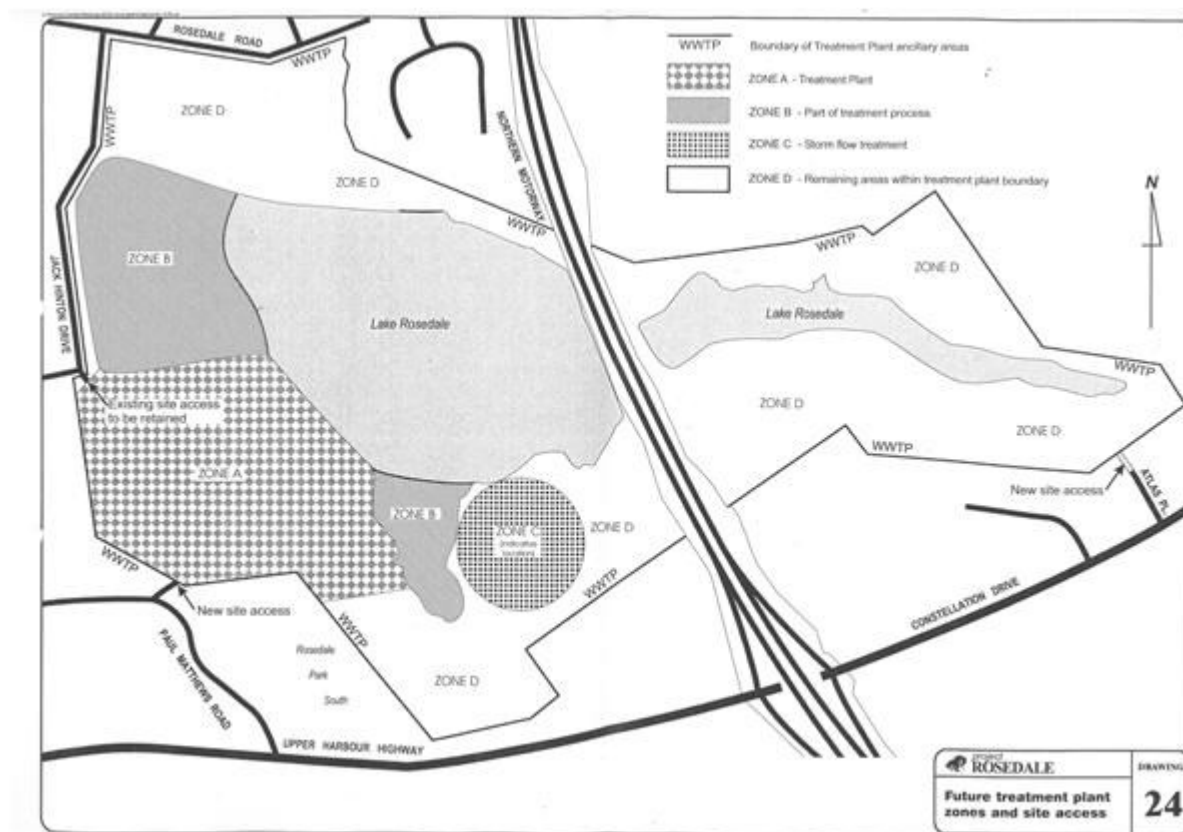
45. In accordance with Section 184A(2)(c) of the Resource Management Act 1991, the designation will lapse on the expiry of 35 years after the date on which it is included in the District Plan unless;

- a. It is given effect to before the end of that period; or
- b. The territorial authority resolves that it has made, and is continuing to make, substantial progress or effort towards giving effect to the designation and fixes a longer period to give effect to the designation; or
- c. The designation lapses earlier by virtue of the district plan ceasing to be operative.

Attachments

Drawing No. 24 - Future Treatment Plant Zones and Site Access

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Drawing No. 34 - Landscape Development Plan

9312 Easter Parade Pump Station

Designation Number	9312
Requiring Authority	Watercare Services Ltd
Location	22B Easter Parade, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation WCCSPS1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.

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4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

Attachments

No attachments.

9313 Colwill Road Pump Station

Designation Number	9313
Requiring Authority	Watercare Services Ltd
Location	161C Colwill Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation WCCSPS2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

Attachments

No attachments.

9314 Phillip Avenue Pump Station

Designation Number	9314
Requiring Authority	Watercare Services Ltd
Location	47A Phillip Avenue, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation WCCSPS3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Wastewater purposes - pump station and associated structures.

Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

Attachments

No attachments.

9315 McEntee Road Reservoirs

Designation Number	9315
Requiring Authority	Watercare Services Ltd
Location	126 McEntee Road, Waitakere
Rollover Designation	Yes
Legacy Reference	Designation WCCSP1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

Attachments

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No attachments.

9316 Massey West Reservoir (Massey High School)

Designation Number	9316
Requiring Authority	Watercare Services Ltd
Location	270 Don Buck Road, Massey
Rollover Designation	Yes
Legacy Reference	Designation WCCSP2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise

Attachments

No attachments.

9317 Swanson Reservoirs (Scenic Drive North)

Designation Number	9317
Requiring Authority	Watercare Services Ltd
Location	895 and part of 893 Scenic Drive North, Swanson
Rollover Designation	Yes
Legacy Reference	Designation WCCSP3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

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1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

Attachments

No attachments.

9318 Titirangi Reservoir (Scenic Drive)

Designation Number	9318
Requiring Authority	Watercare Services Ltd
Location	272A Scenic Drive, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation WCCSPS4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

Attachments

No attachments.

9319 Bush Road Reservoirs

Designation Number	9319
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Requiring Authority	Watercare Services Ltd
Location	19 Bush Road, Waiatarua
Rollover Designation	Yes
Legacy Reference	Designation WCCSP5, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline Plan of Works in accordance with Section 176(2)(c) of the RMA.
3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

Attachments

No attachments.

9320 Huia Road Reservoir

Designation Number	9320
Requiring Authority	Watercare Services Ltd
Location	1076A Huia Road, Huia
Rollover Designation	Yes
Legacy Reference	Designation WCCSP6, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

1. Except as provided in Condition 2 below, the Requiring Authority shall submit an Outline Plan of Works in accordance with Section 176A of the RMA.
2. An Outline Plan of Works need not be submitted if the Council has waived the requirement for an Outline

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Plan of Works in accordance with Section 176(2)(c) of the RMA.

3. Appropriate sedimentation and erosion control measure shall be employed for any earthworks on the designated site.

4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise.

Attachments

No attachments.

9321 Waitakere Ranges Catchment Headworks Areas

Designation Number	9321
Requiring Authority	Watercare Services Ltd
Location	Waitakere Ranges
Rollover Designation	Yes
Legacy Reference	Designation WSL1, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water catchment headworks areas.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
- a statement on the relevant Plan objectives, policies and rules; and
 - a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

- 3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter

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Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".

b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

Explanation:

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

Attachments

No attachments.

9322 Waitakere Ranges Catchment Headworks Services Land

Designation Number	9322
Requiring Authority	Watercare Services Ltd
Location	Waitakere Ranges
Rollover Designation	Yes
Legacy Reference	Designation WSL2, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - headworks service land.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- a statement on the relevant Plan objectives, policies and rules; and
- a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold,

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with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".

b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

Explanation:

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

Attachments

No attachments.

9323 Waitakere Water Treatment Plant

Designation Number	9323
Requiring Authority	Watercare Services Ltd
Location	105-121 Christian Road, Swanson; 21 Long Road, Bethells
Rollover Designation	Yes
Legacy Reference	Designation WSL3, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water treatment plant and associated structures.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- a statement on the relevant Plan objectives, policies and rules; and
- a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the

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designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".

b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

Explanation:

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

Attachments

No attachments.

9324 Huia and Nihotupu Water Treatment Plants

Designation Number	9324
Requiring Authority	Watercare Services Ltd
Location	Woodlands Park Road, Manuka Road and Exhibition Drive, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation WSL4, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - Huia and Nihotupu water treatment plants and associated structures

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- a statement on the relevant Plan objectives, policies and rules; and
- a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental

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responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".

b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

Explanation:

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

Attachments

No attachments.

9325 Sunnyvale Reservoir (Waikumete Cemetery)

Designation Number	9325
Requiring Authority	Watercare Services Ltd
Location	88 Sunhill Road, Glen Eden
Rollover Designation	Yes
Legacy Reference	Designation WSL6, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- a statement on the relevant Plan objectives, policies and rules; and
- a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

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While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

Attachments

No attachments.

9326 Titirangi Reservoir (Konini Road)

Designation Number	9326
Requiring Authority	Watercare Services Ltd
Location	166-176 Konini Road, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation WSL7, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. a statement on the relevant Plan objectives, policies and rules; and
 - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

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Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

- 3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".
- b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

Explanation:

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

Attachments

No attachments.

9327 The Concourse Storage Tanks

Designation Number	9327
Requiring Authority	Watercare Services Ltd
Location	56 The Concourse, Henderson
Rollover Designation	Yes
Legacy Reference	Designation WSL8, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - storage tanks and associated structures

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. a statement on the relevant Plan objectives, policies and rules; and
 - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

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2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

Attachments

No attachments.

9328 Te Atatu South Pump Station (Flanshaw Road)

Designation Number	9328
Requiring Authority	Watercare Services Ltd
Location	143 Flanshaw Road, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation WSL9, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes – pump station and associated structures

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. a statement on the relevant Plan objectives, policies and rules; and
 - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

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3a. Works shall not adversely affect those elements of the Huia Filter Station (WSL 4), the Nihotupu Filter Station (WSL 4) or the Waitakere Filter Station (WSL 3) which are identified in the Heritage Appendix of this Plan, CHI numbers 1257, 1283 and 1289 respectively, under the columns headed "Description" and "Interiors".

b. Works shall not adversely affect the stringer dam in WSL 2, the sawpit in WSL 2 or the mill and holding dam in WSL 1, as described in the Heritage Appendix CHI numbers 1543, 1392 and 638 respectively.

Explanation:

Works otherwise in accordance with the designation but which adversely affect the items or elements of items identified as being of heritage significance may only be carried out if the designation is altered to specifically alter (or remove) the condition. As part of the requirement to alter the designation, the requiring authority would be expected to carry out a form of heritage assessment. For general guidance about the content of such an assessment, reference can be made to the City- Wide Rules:- Heritage.

Attachments

No attachments.

9329 Titirangi Pump Station (Pleasant Road)

Designation Number	9329
Requiring Authority	Watercare Services Ltd
Location	Road Reserve on Pleasant Road/Titirangi Road corner
Rollover Designation	Yes
Legacy Reference	Designation WSL10, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes – pump station and associated structures.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:

- a statement on the relevant Plan objectives, policies and rules; and
- a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

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This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

Attachments

No attachments.

9330 Te Atatu Peninsula Pump Station (Kelvin Crescent)

Designation Number	9330
Requiring Authority	Watercare Services Ltd
Location	Totara Road Esplanade Reserve, 9 Kelvin Crescent, Te Atatu Peninsula
Rollover Designation	Yes
Legacy Reference	Designation WSL11, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes – pump station and associated structures.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. a statement on the relevant Plan objectives, policies and rules; and
 - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

Attachments

No attachments.

9331 Te Atatu Peninsula Pump Station (Te Atatu Road)

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Designation Number	9331
Requiring Authority	Watercare Services Ltd
Location	415A Te Atatu Road, Te Atatu
Rollover Designation	Yes
Legacy Reference	Designation WSL12, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes – pump station and associated structures.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. a statement on the relevant Plan objectives, policies and rules; and
 - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

Attachments

No attachments.

9332 Titirangi Pump Station (Wood Bay Beach Reserve)

Designation Number	9332
Requiring Authority	Watercare Services Ltd
Location	Wood Bay Beach Reserve in the vicinity of 81 Wood Bay Road, Titirangi
Rollover Designation	Yes
Legacy Reference	Designation WSL13, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Wastewater purposes – pump station and associated structures

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as appropriate:
 - a. a statement on the relevant Plan objectives, policies and rules; and
 - b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

Attachments

No attachments.

9333 Laingholm Pump Station (Laingholm Drive)

Designation Number	9333
Requiring Authority	Watercare Services Ltd
Location	Road reserve - Laingholm Drive, adjoining 172A Laingholm Drive, Laingholm
Rollover Designation	Yes
Legacy Reference	Designation WSL14, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes – pump station and associated structures.

Conditions

1. To ensure that section 176A 3(f) of the Act has been adequately addressed, an outline plan shall include, as

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appropriate:

- a. a statement on the relevant Plan objectives, policies and rules; and
- b. a statement on any adverse effects the works will have on the environment and the mitigation measures to be carried out.

Explanation:

While it is accepted that the project or works will be (or should be) in accordance with the designated purpose, the Council wishes to be reasonably assured that the specific works to be carried out will not unnecessarily compromise the objectives, policies and rules of the Plan or adversely affect the environment. The Council's principal opportunity to influence the works to assist the requiring authority to meet its environmental responsibilities is through the outline plan, and the assessment of compliance and effects will assist it in determining whether to request changes.

2. Appropriate sedimentation and erosion control measures shall be employed for any earthworks on the designated site.

Explanation:

This Plan outlines erosion and sediment control measures for earthworks which are above a certain threshold, with that threshold varying according to the particular environment. Compliance with these measures would generally satisfy condition 2. Note that major earthworks may require a consent from the Regional Council.

Attachments

No attachments.

9334 Fred Taylor Drive Pump Station

Designation Number	9334
Requiring Authority	Watercare Services Ltd
Location	97B Fred Taylor Drive, Whenuapai
Rollover Designation	Yes
Legacy Reference	Designation WSL15, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	13 September 2022

Purpose

Wastewater Purposes – Construction and operation of a wastewater pump station pump station and associated structures to service the new town centre of Massey North. The proposed wastewater pumping station includes: an underground storage tank, wet well with submersible pumps, control building, mechanical and electrical installation, siteworks, planting and permanent access road.

Conditions

General Condition

1. Except as modified by the conditions, the works shall be undertaken in general accordance with the information provided by the requiring authority in the Notice of Requirement and all information and plans being:
 - a. Form 18 titled 'Notice of Requirement by for Designation Under Section 168 of the Resource Management Act 1991' for 'wastewater purposes', signed by General Counsel for Watercare Services Ltd, dated 27 January 2012;
 - b. plan prepared by Watercare Services Ltd titled 'Proposed Design for Massey North Watercare Pumping

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Station Proposed Designation', drawing number 131837.100 R2 dated 24 January 2012;

c. report prepared by Watercare Services Ltd titled 'Assessment of Effects on the Environment – Massey North Wastewater Pumping Station', dated May 2012;

d. plan prepared by Watercare Services Ltd titled 'Massey North Pump Station Control Building Elevations, drawing number 131837.021, dated 1 March 2012; and

e. letter from Nick Grala of Harrison Grierson titled 'Watercare Services Ltd, NoR for Massey North Pumping Station', dated 17 May 2012.

Outline Plan of Works

2. The Requiring Authority shall submit an outline plan of works for the project in accordance with section 176A of the Resource Management Act 1991, except that an outline plan of works does not need to be submitted for earthworks authorised by regional consent 40357.

Construction Noise

3. Construction activities shall be managed to generally achieve compliance with the requirements of NZS6803:1999 Acoustics – Construction Noise.

Archaeology and Heritage

4. If any archaeological sites, including human remains are exposed during site works then the following procedures should apply:

a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;

b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and

c. The Requiring Authority shall be notify the New Zealand Historic Places Trust, tangata whenua, and the council (and in the case of human remains, the New Zealand police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

Planting

5. The Requiring Authority shall plant around the periphery of the pumping station with an emphasis on the planting of the riparian margin, in areas not required for proposed or future works, servicing and maintenance, and any public walkway created in accordance with Condition 6. Planting shall be designed in consultation with council Parks, Sports and Recreation to ensure that plant species are generally consistent with the overall planting concept for the area as set out in the Totara Creek Stormwater and Open Space Master Plan dated April 2011. Details of the proposed planting shall be included with the Outline Plan of Works referred to in Condition 2.

Public Access

6. If council seeks approval under s. 176 (1) (b) Resource Management Act (1991) for a public walkway over part of the site, the Requiring Authority shall unreasonably withhold its approval provided that any public walkway does not interfere with the construction, operation and maintenance of the site for wastewater purposes and meets all health and safety requirements.

Lapsing of the Designation

7. The designation shall lapse on expiry of period 10 years after the date it is included in the District Plan in accordance with section 184(1)(c) of the RMA, unless:

a. It is given effect before the end of that period; or

b. The council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period for the purposes of this subsection.

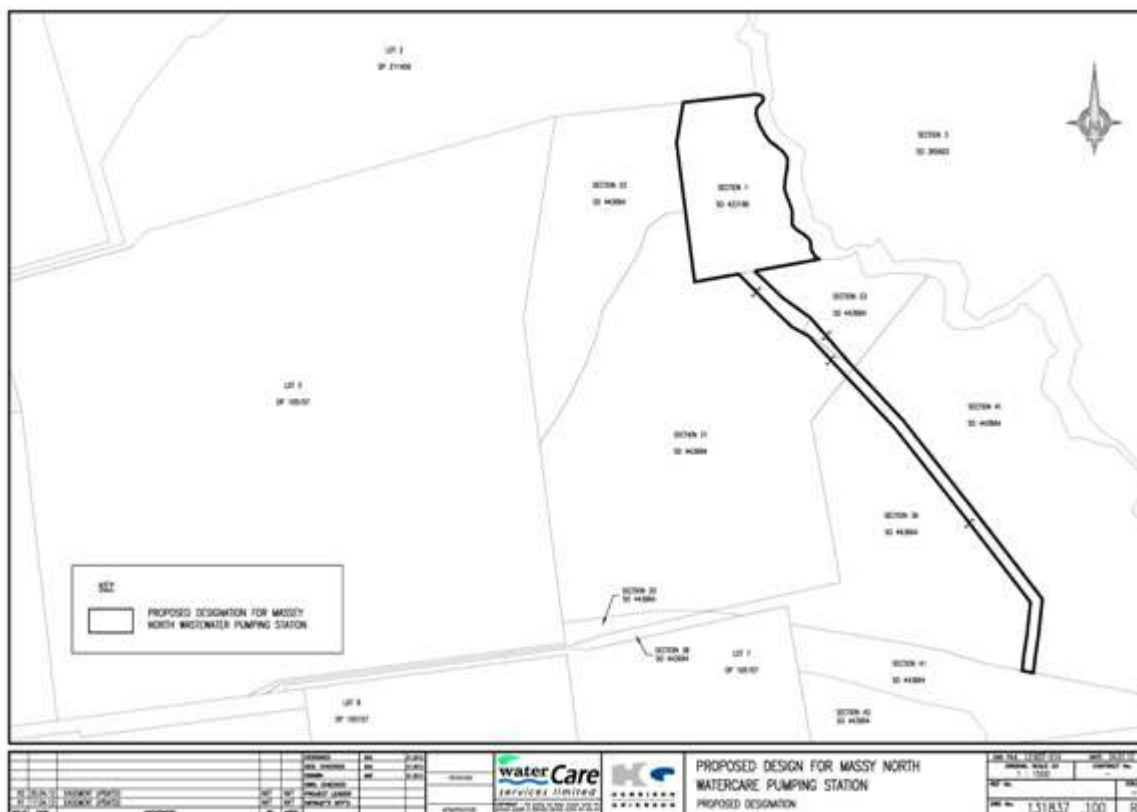
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Attachments

Drawing No. 131837.100R2 - Massey North Pumping Station Control Building



Drawing No. 131837.021 - Proposed Design for Massey North Pumping Station



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9335 Wellsford Water Treatment Plant

Designation Number	9335
Requiring Authority	Watercare Services Ltd
Location	362 Wayby Valley Road, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 103, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9336 Wellsford Reservoirs

Designation Number	9336
Requiring Authority	Watercare Services Ltd
Location	Worthington Road (Lot 1 DP 57349), Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 105, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9337 Wellsford Wastewater Treatment Plant

Designation Number	9337
Requiring Authority	Watercare Services Ltd
Location	Between State Highway 1 and Rustybrook Road (Lot 3 DP 64870), Wellsford
Rollover Designation	Yes

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Legacy Reference	Designation 107, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9338 Omaha Reservoirs (Omaha Drive)

Designation Number	9338
Requiring Authority	Watercare Services Ltd
Location	31 Omaha Drive, Omaha
Rollover Designation	Yes
Legacy Reference	Designation 108, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9339 Matakana Wastewater Treatment Plant

Designation Number	9339
Requiring Authority	Watercare Services Ltd
Location	978 Matakana Road, Matakana
Rollover Designation	Yes
Legacy Reference	Designation 111, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - wastewater treatment plant.

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Conditions

No conditions.

Attachments

No attachments.

9340 Omaha Wastewater Treatment Plant

Designation Number	9340
Requiring Authority	Watercare Services Ltd
Location	64 Jones Road, Omaha Flats
Rollover Designation	Yes
Legacy Reference	Designation 112, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9341 Warkworth Reservoir (View Road)

Designation Number	9341
Requiring Authority	Watercare Services Ltd
Location	20 View Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 113, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9342 Warkworth Water Treatment Plant

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Designation Number	9342
Requiring Authority	Watercare Services Ltd
Location	6 Brown Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 116, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9343 Warkworth Wastewater Treatment Plant

Designation Number	9343
Requiring Authority	Watercare Services Ltd
Location	55 Alnwick Street and Pt Allot 68 SO 64916, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 118, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9344 Snells Reservoir (James Street)

Designation Number	9344
Requiring Authority	Watercare Services Ltd
Location	2 James Street, Snells Beach and adjoining properties (Lots 1 and 2 DP 205704)
Rollover Designation	Yes
Legacy Reference	Designation 119, Auckland Council District Plan (Rodney Section) 2011

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9345 Warkworth Reservoir (Tudor Collins Drive)

Designation Number	9345
Requiring Authority	Watercare Services Ltd
Location	32 Tudor Collins Drive, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 122, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9346 Snells Water Treatment Plant

Designation Number	9346
Requiring Authority	Watercare Services Ltd
Location	114 and 118 Hamilton Road, Warkworth
Rollover Designation	Yes
Legacy Reference	Designation 123, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water treatment plant.

Conditions

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No conditions.

Attachments

No attachments.

9347 Snells Beach Wastewater Treatment Plant

Designation Number	9347
Requiring Authority	Watercare Services Ltd
Location	Te Whau Creek, Hamilton Road (east of 287 and 309 Hamilton Road), Snells Beach
Rollover Designation	Yes
Legacy Reference	Designation 124, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - wastewater treatment plant.

Condition

No conditions.

Attachments

No attachments.

9348 Waiwera Wastewater Treatment Plant

Designation Number	9348
Requiring Authority	Watercare Services Ltd
Location	In the vicinity of 135 Weranui Road, Waiwera
Rollover Designation	Yes
Legacy Reference	Designation 126, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9349 Waiwera Reservoirs

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Designation Number	9349
Requiring Authority	Watercare Services Ltd
Location	1002 Hibiscus Coast Highway, Waiwera
Rollover Designation	Yes
Legacy Reference	Designation 127, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9350 Orewa Reservoir (West Hoe Road)

Designation Number	9350
Requiring Authority	Watercare Services Ltd
Location	138 West Hoe Road, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 130, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9351 Orewa Wastewater Treatment Plant

Designation Number	9351
Requiring Authority	Watercare Services Ltd
Location	228 Millwater Parkway, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 134, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Wastewater purposes - wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9352 Silverdale Reservoir (Wainui Road)

Designation Number	9352
Requiring Authority	Watercare Services Ltd
Location	105 Wainui Road, Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 135, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9353 Red Beach Reservoirs (Whangaparaoa Road)

Designation Number	9353
Requiring Authority	Watercare Services Ltd
Location	231 Whangaparaoa Road, Whangaparaoa
Rollover Designation	Yes
Legacy Reference	Designation 137, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures

Conditions

No conditions.

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Attachments

No attachments.

9354 Arkles Bay Reservoirs (Wade River Road)

Designation Number	9354
Requiring Authority	Watercare Services Ltd
Location	104A Wade River Road, Arkles Bay
Rollover Designation	Yes
Legacy Reference	Designation 138, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9355 Tindalls Bay Reservoirs (Whangaparaoa Road)

Designation Number	9355
Requiring Authority	Watercare Services Ltd
Location	1170 Whangaparaoa Road, Tindalls Bay
Rollover Designation	Yes
Legacy Reference	Designation 141, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9356 Helensville Wastewater Treatment Plant

Designation Number	9356
Requiring Authority	Watercare Services Ltd

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Location	Kaipara Coast Highway (Sec 50 SO 47244), Helensville
Rollover Designation	Yes
Legacy Reference	Designation 142, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9357 Helensville Dams (Mangakura Dams 1-5)

Designation Number	9357
Requiring Authority	Watercare Services Ltd
Location	Mangakura, Kiwitahi and Wishart Roads, Helensville
Rollover Designation	Yes
Legacy Reference	Designation 143, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - dams.

Conditions

No conditions.

Attachments

No attachments.

9358 Helensville Reservoir (Wishart Road)

Designation Number	9358
Requiring Authority	Watercare Services Ltd
Location	Wishart Road (between 156-166), Helensville
Rollover Designation	Yes
Legacy Reference	Designation 144, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9359 Huapai Wastewater Treatment Plant

Designation Number	9359
Requiring Authority	Watercare Services Ltd
Location	18 Oraha Road, Huapai
Rollover Designation	Yes
Legacy Reference	Designation 145, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9360 Muriwai Water Treatment Plant

Designation Number	9360
Requiring Authority	Watercare Services Ltd
Location	148-162 Motutara Road, Muriwai
Rollover Designation	Yes
Legacy Reference	Designation 147, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water treatment plant.

Conditions

No conditions.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

No attachments.

9361 Dwelling Exclusion Area - Wellsford Wastewater Treatment Plant

Designation Number	9361
Requiring Authority	Watercare Services Ltd
Location	Land surrounding the wastewater treatment ponds including 106 Rustybrook Road, 1496 State Highway 1, 133 Wayby Valley Road and Lot 2 DP 171826, Wellsford
Rollover Designation	Yes
Legacy Reference	Designation 155, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9362 Army Bay Wastewater Treatment Plant

Designation Number	9362
Requiring Authority	Watercare Services Ltd
Location	1535 Whangaparaoa Road, Army Bay
Rollover Designation	Yes
Legacy Reference	Designation 157, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Description

Wastewater purposes - wastewater treatment plant.

Conditions

1. That development shall be in general accordance with the notice of requirement dated 28 August 1996, plan numbers ss1, ss2, ss3, re1, re2, and l1 relating to job number 18206 and the concept plan, drawing number Rodney District Council 12558.
2. That the lone pohutukawa tree on the northern side of the wetland be fenced off and protected, in consultation with Ngati Whatua, within three months of the approval of this requirement notice, in recognition of the cultural significance of the tree.
3. That in the event of any archaeological remains being uncovered during the establishment and operation of the site, work shall cease immediately and the New Zealand Historic Places Trust and Te Hao o Ngati Whatua

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shall be notified so that the appropriate action can be taken.

4. That the visible exterior of the SBR tanks be finished and maintained in the following, or similar, colours with the prior agreement of the district planner - resource management within six months of the construction of the tanks.

BS5252 CHART

08 B 25 10 B 27 12 B 25 12 C 40 00 A 09

08 B 27 10 B 29 12 B 27 12 C 39 10 A 11

08 B 29 08 C 40 12 B 29 18 B 25

10 B 25 14 C 40

FROM BSS2660 RANGE

1-018 3-035 4-048 7-078 9-099

1-019 3-036 4-049 9-094 9-100

2-027 3-037 4-051 9-095 9-101

2-028 3-038 5-059 9-096

2-029 3-039 5-060 9-097

5. That all gorse and other noxious weeds on the property be controlled, such control to be maintained on an ongoing basis.

Purpose

No attachments.

9363 Dwelling Exclusion Area - Snells Beach Wastewater Treatment Plant

Designation Number	9363
Requiring Authority	Watercare Services Ltd
Location	Land surrounding the wastewater treatment ponds, Te Whau Creek, Snells Beach (including 287 and 309 Hamilton Road and 120 Hamatana Road)
Rollover Designation	Yes
Legacy Reference	Designation 159, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9364 Dwelling Exclusion Area - Waiwera Wastewater Treatment Plant

Designation Number	9364
Requiring Authority	Watercare Services Ltd

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Location	Land surrounding wastewater treatment ponds, Weranui Road (including 135 Weranui Road and 12, 45, 83 and 105 Jarvis Road), Waiwera
Rollover Designation	Yes
Legacy Reference	Designation 160, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9365 Dwelling Exclusion Area - Orewa Wastewater Treatment Plant

Designation Number	9365
Requiring Authority	Watercare Services Ltd
Location	Land surrounding the wastewater treatment pond at 228 Millwater Parkway, (including 228 Millwater Parkway, Allot 652 SO 47998 and Part Lot 5 DP 168591) Orewa
Rollover Designation	Yes
Legacy Reference	Designation 161, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - exclusion of dwellings in the area surrounding the wastewater treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9366 Orewa Reservoir (West Hoe Heights)

Designation Number	9366
Requiring Authority	Watercare Services Ltd
Location	190 West Hoe Heights, Orewa
Rollover Designation	Yes
Legacy Reference	Designation 950, Auckland Council District Plan (Rodney Section) 2011

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Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Water supply purposes - reservoir and associated structures

Conditions

No conditions.

Attachments

No attachments.

9367 Glenvar Reservoir (Lonely Track Road)

Designation Number	9367
Requiring Authority	Watercare Services Ltd
Location	2 Lonely Track Road, Glenvar
Rollover Designation	Yes
Legacy Reference	Designation 951, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures (including power supply and telemetry).

Conditions

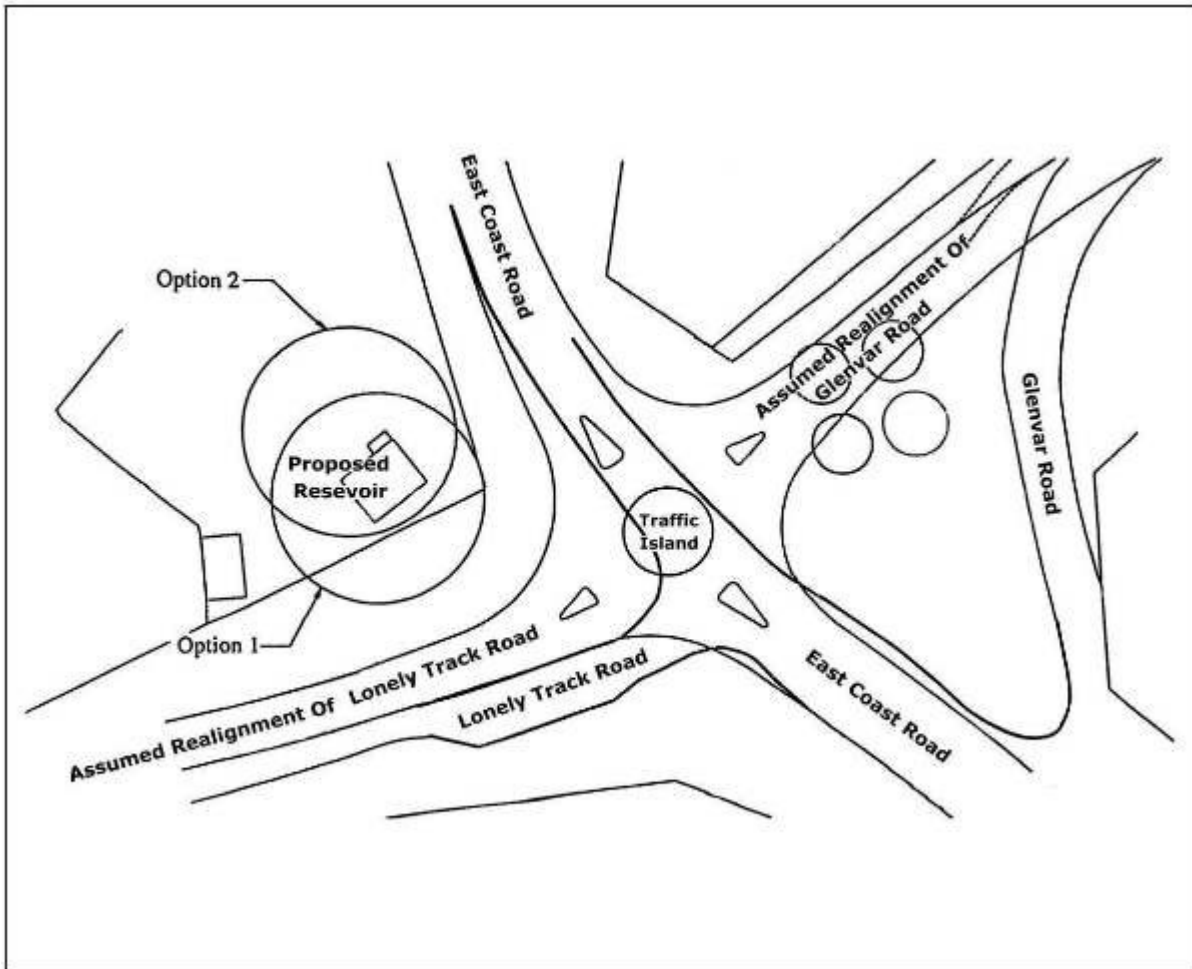
1. That development shall proceed in general accordance with the notice of requirement and attached plans submitted on 4 March 1996, (Plan Number 2001111-03).
2. That "Option 2" on Plan Number 2001111-03 be adopted.
3. That provision of vehicular access to the site be made from Lonely Track Road, and that access to the balance land be located at the most practicable northernmost point onto East Coast Road.
4. That the reservoir and associated structures are painted in visually recessive colours appropriate to the setting when viewed from East Coast Road and Lonely Track Road.
5. That a detailed landscape plan and implementation programme shall be submitted and approved by the Council's Parks Officer, prior to the construction of the reservoir.
 - a. The landscape plan is to take into account the safety problem caused by landfill debris on the site.
 - b. A rehabilitation programme is to be included in the landscape plan to address amenity and safety issues.
 - c. The landscape plan is to include appropriate measures for the screening of the reservoir and associated structures by earth mounding and vegetation.
 - d. Subsoil shall be ripped and drained and the depth of topsoil shall be no less than 500mm where planting is to be undertaken.
 - e. Irrigation and mulching is to be provided for the first three years after planting.
 - f. Priority shall be given to the retention of as much of the existing vegetation on the site as is practicable and to the selection of native species for replanting.

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g. New planting shall be implemented and maintained in accordance with the approved plan.

Attachments

Plan Number 2001111-03 - Site Plan



9368 Redvale Pump Station (East Coast Road)

Designation Number	9368
Requiring Authority	Watercare Services Ltd
Location	East Coast Road - vicinity of Bawden Road, Redvale
Rollover Designation	Yes
Legacy Reference	Designation 952, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Give effect to (i.e. no lapse date)

Purpose

Water supply purposes - pump station and associated structures.

Conditions

1. This requirement is to operate, maintain and replace, add to or upgrade if necessary the existing Water Pump Station together with any associated:

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- a. pipelines or tunnels;
- b. power supply and telemetry; and
- c. other ancillary structures.

2. That the buildings and structures are painted in a visually recessive colour appropriate to the rural setting.

3. That a detailed landscape plan be maintained, to include appropriate measures for the screening of the building from the adjacent roads, and the planting shall be implemented and maintained in accordance with the approved plan.

Attachments

No attachments.

9369 Wade Heads Reservoir (Scott Road)

Designation Number	9369
Requiring Authority	Watercare Services Ltd
Location	125 Scott Road, Wade Heads
Rollover Designation	Yes
Legacy Reference	Designation 953, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	Given effect to (i.e. no lapse date)

Description

Water supply purposes - reservoir and associated structures.

Purpose

General

1. The activity shall proceed in general accordance with the Notice of Requirement and further information submitted to council, and plans drawn by Watercare Services Limited, dated 26/06/2003 and numbered 2003768.001/2.

Note:

Consent may be required from council for sediment control relating to the necessary earthworks.

Outline Plan

2. An outline plan shall be submitted to council prior to the commencement of work on the site.

Landscape Plan

3. A detailed landscape plan, including an implementation and maintenance programme shall be submitted to and approved by the Team Leader — Resource Consents prior to any works commencing on the site:

a. The plan shall include details of the plant sizes at the time of planting and intended species. Preference should be given to the use of indigenous species, with a further preference for the use of local genetic stock.

Such a plan shall include appropriate measures to reduce adverse effects on visual amenity and to provide screening of the water supply structures viewed from neighbours and the road; and

b. The landscaping shall be implemented and maintained in accordance with the approved landscaping plan within the first planting season (May to October) following the completion of the works on the site. The landscaping shall be maintained thereafter.

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Review Condition

4. Pursuant to s. 128 of the Resource Management Act (1991), the council may serve notice on the requiring authority of its intention to review conditions of this consent after three years of operation of the activity. The purpose of this review will be to ensure that the visual effects associated with the bulk of the reservoir structure are being mitigated by the conditions of this consent and if additional measures, such as the painting of the structure, are to be taken. This review condition will ensure that any adverse effects not anticipated at the time consent was granted are duly mitigated.

Stormwater

5. It is recommended that Watercare Services Ltd mitigate the discharge of stormwater from the site in terms of the joint RDC/ARC publication "Management of Stormwater in Countryside Living Zones (Rural and Town) — A Toolbox of Methods".

Site Access

6. It is recommended that all construction and long term access to the site be from Scott Road as indicated on Watercare Services Ltd Drawing 2003768.001 dated 23/6/2003, clear of the intersection Defined Road Boundary and Wade River Road.

Construction Activities

7. Construction activities shall be restricted to 7.30am to 6.00pm Monday to Saturday.

Noise

8. The activity shall not exceed the following noise limits:

a. Corrected noise level L10 as measured on or at the boundary of any site shall not exceed the following limits:

Monday to Friday 7.00am to 6.00pm 52 dBA

At all other times including public holidays 47 dBA

The background noise level as measured on or close to the boundary of any site shall not exceed the following limits:

Monday to Friday 7.00am to 6.00pm 47 dBA

At all other times including public holidays 42 dBA

i. Sound levels shall be measured with a sound level meter complying with international standard IEC 60651:1979 Sound Level Meters — Type 1.

Exposure of Archaeological Artefacts

9. If any artefact, including human remains is exposed during any site works the following procedures shall apply:

a. Immediately when an artefact has been exposed, all site works shall cease; and

b. The site supervisor shall immediately secure the area in a way that ensures that any artefacts or remains are untouched; and

c. The site supervisor shall notify tangata whenua, the New Zealand Historic Places Trust, the Department of Conservation and the Council's RMA

Compliance Administration Officer (telephone 0800 4265169) and in the case of human remains, the Police, that an archaeological site has been exposed, so that appropriate action can be taken. This includes such people being given a reasonable time as determined by the Council to record and recover the archaeological features discovered before work may recommence on the site.

Monitoring Charges

10. The applicant shall pay to the Council within one month prior to the activity commencing the cost, including specialist services, staff time and administration for the processing of this application together with initial charges for the following inspections:

a. Specialist 1 @ \$150.00; and

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b. Environmental protection 1 @ \$150.00

Monitoring deposits will be invoiced by the Council together with the consent processing charges. Should further monitoring be required to ensure compliance, the Council will recover the actual and reasonable costs that are incurred for this monitoring as set out in the Council's Schedule of Fees and Charges.

Attachments

No attachments.

9370 Orewa Pump Station and Associated Network (Millwater Parkway)

Designation Number	9370
Requiring Authority	Watercare Services Ltd
Location	228 Millwater Parkway, Silverdale
Rollover Designation	Yes
Legacy Reference	Designation 954, Auckland Council District Plan (Rodney Section) 2011
Lapse Date	10 years from inclusion in the plan

Purpose

Wastewater purposes - pump station constructed overflow and associated structures.

Conditions

General

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by Watercare Services Limited in the Notice of Requirement dated 13 August 2012 and in supporting report "Orewa Pump Station Constructed Overflow, Application for Resource Consents and Assessment of Effects on the Environment", dated June 2012.
2. The designation shall lapse on the expiry of a period of 10 years after the date it is included in the Auckland Council District Plan (Rodney Section) in accordance with section 184(1)(c) of the Resource Management Act 1991, unless:
 - a. It is given effect to before the end of that period; or
 - b. The Auckland Council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period under section 184(2)(b).

Outline Plans of Works

3. Except as provided for in Condition 4 below, the Requiring Authority shall submit an Outline Plan of Works for the any future works associated with the Project in accordance with section 176A of the Resource Management Act 1991.
4. An Outline Plan of Works need not be submitted for the construction works associated with the construction of the controlled overflow pipeline as these works are sufficiently described in the resource consents (40740, 40736, 40737) granted by Auckland Council in February 2013.

Construction Noise

5. Construction Activities shall be managed to achieve compliance with the requirements of NZS6803:1999, Acoustics – Construction Noise.

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Archaeology and Heritage

6. If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. The Requiring Authority shall notify the New Zealand Historic Places Trust, tangata whenua and the Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

Orewa Pump Station Landscape Plan

7. Within one year of the construction of the pipeline the Requiring Authority shall prepare and implement a landscape plan that shall provide appropriate and suitable screening of the existing Orewa Pump Station. The landscape plan shall be prepared in consultation with the Manager Local and Sports Parks – North. Implementation and maintenance of the landscaping shall be the responsibility of the Requiring Authority.

Integration of work with future park development

8. The overflow pipeline from the pump station shall be installed at a sufficient depth to allow for development of sports fields and a pedestrian walkway to occur on top of the wastewater pipeline, as described in Metro Park East Reserve Management Plan (amended February 2010).

9. If Auckland Council seeks approval under section 176(1)(b) of the Resource Management Act to undertake works as described in the Metro Park East Management Plan (amended February 2010), the Requiring Authority shall not unreasonably withhold approval provided that the park development does not interfere with the construction, operation or maintenance of the wastewater infrastructure and meets all health and safety requirements.

10. The Requiring Authority shall consult with the Manager of Auckland Council's Local and Sports Parks – North regarding the location and design of future wastewater infrastructure and the integration of this with the Metro Park West Management Plan (amended February 2010).

Attachments

No attachments.

9371 Massey Pump Station (Triangle Road)

Designation Number	9371
Requiring Authority	Watercare Services Ltd
Location	2-12 Lincoln Park Avenue, Massey
Rollover Designation	Yes
Legacy Reference	Designation WSL16, Auckland Council District Plan (Waitakere Section) 2003
Lapse Date	10 years from inclusion in the plan

Purpose

Water supply purposes - pump station and associated structures.

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Conditions

General Conditions

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement dated 17 May 2013 and supporting report titled "Assessment of Effects on the Environment — Triangle Road Water Pump Station", dated 17 May 2013 ("the AEE").
2. As soon as practicable following completion of commissioning of the Project, the Requiring Authority shall:
 - a. Remove any areas of designated land that are no longer necessary for the ongoing operation and maintenance of the pump station. For avoidance of doubt, the designation to be removed over land to remain in Transpower ownership includes all that between the red and blue dashed lines on Triangle Road Pump Station Massey Designation Plan: 2010135.006 Issue 1 included in Appendix K of the AEE.
 - b. Give notice to the Council in accordance with Section 182 of the RMA for the removal of the part of the designation identified in (a) above.

Outline Plan of Works

3. Except as provided for in Condition 4 below, the Requiring Authority shall submit an Outline Plan (OPW) for the Project in accordance with Section 176A of the RMA.
4. An OPW need not be submitted for the Phase 1 earthworks and valve chamber components of the project as the detail of this work is sufficiently described in the AEE.

Construction Noise

5. Construction activities shall be managed to achieve compliance with the requirements of NZS6803:1999 Acoustics – Construction Noise.

Contaminated Soil Management

6. The management of any contaminated soil discovered on site shall be in accordance with the consent conditions approved for LUC 2013-629 and Soil Management Plan (SMP) compiled for the works and included in the AEE document supporting the Notice of Requirement.

Archaeology and Heritage

7. If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:
 - a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
 - b. The Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
 - c. The Requiring Authority shall notify the New Zealand Historic Places Trust, tangata whenua and the Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

Landscaping

8. The Requiring Authority shall prepare a Landscape Plan with the Outline Plan of Works referred to in Condition 3. Details of the proposed planting shall be included in the Landscape Plan with an emphasis on providing planting along the designation's front road boundary, in areas not required for proposed or future works, servicing and maintenance. Planting shall be designed in consultation with Auckland Council Parks, Sports and Recreation to ensure that plant species are consistent with existing road reserve planting adjoining Triangle Road.

Stormwater

9. The Outline Plan of Works referred to in Condition 3 shall be accompanied by a stormwater assessment report which includes measures to mitigate any increased risk of flooding that may arise from the proposed works.

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Lapsing of designation

10. The designation shall lapse on the expiry of a period of 10 years after the date it is included in the District Plan in accordance with section 184(1)(c) of the RMA, unless:

- a. It is given effect to before the end of that period; or
- b. The Council determines, on an application made within 3 months before the expiry of that period, that substantial progress or effort has been made towards giving effect to the designation and is continuing to be made, and fixes a longer period for the purposes of this subsection.

Attachments

No attachments.

Central

Designation Schedule - Watercare Services Ltd (2/3)

Central

Number	Purpose	Location
9400	Wastewater purposes - pump station and associated structures	36 Westmere Park Avenue (Westmere Park), Westmere
9401	Wastewater purposes - pump station and associated structures	44-66 West End Road (Cox's Bay Reserve at the end of Nottingham Street), Herne Bay
9402	Wastewater purposes - pump station and associated structures	Farnham Street (road reserve adjoining 106 St Georges Bay Road), Parnell
9403	Water supply purposes - water tower	34A Waimarie Street, St Heliers
9404	Wastewater purposes - pump station and associated structures	10B Harbour View Road, Point Chevalier
9405	Wastewater purposes - pump station and associated structures	Wainui Avenue (road reserve adjoining No. 76), Point Chevalier
9406	Wastewater purposes - pump station and associated structures	Oliver Street (road reserve across from Lynch Street), Point Chevalier
9407	Wastewater purposes - pump station and associated structures	Wright Road (road reserve adjoining No. 47), Point Chevalier
9408	Water supply purposes - above ground reservoir and associated structures	7 Hereford Street, Freemans Bay
9409	Water supply purposes - reservoirs, pump station and associated structures	230-250 Symonds Street, Grafton
9410	Water supply purposes - reservoir	20 Park Road (Auckland Domain), Grafton
9412	Wastewater purposes - pump station and associated structures	2-30 Shore Road (Thomas Bloodworth Park), Remuera
9413	Wastewater purposes - pump station and associated structures	34-40 Reihana Street, Orakei
9414	Wastewater purposes - pump station and associated structures	6 Baddeley Avenue (Madills Farm), Kohimarama
9415	Wastewater purposes - pump station and associated structures	20-22 Roberta Avenue (Roberta Reserve), Glendowie

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9416	Wastewater purposes - siphon chamber	32 Saunders Place, Avondale
9417	Water supply purposes - reservoirs and associated structures	250 Mt Eden Road (Mt Eden Domain), Mt Eden
9418	Water supply purposes - reservoirs and associated structures	181-225 Remuera Road (Mt Hobson Domain), Remuera
9419	Water supply purposes - reservoir and associated structures	15-39 College Road, St Johns
9420	Water supply purposes - reservoir and associated structures	27 La Veta Avenue, Mount Albert
9421	Wastewater purposes - pump station and associated structures	La Veta Avenue (road reserve adjoining No. 13 and 15), Mount Albert
9422	Wastewater Purposes - Overflow Apron	End of Morning Star Place and 30-36 Alberton Avenue (near Roy Clement Walkway), Mount Albert
9423	Water supply purposes - reservoir and associated structures	181-225 Remuera Road (Mt Hobson Domain), Remuera
9424	Wastewater purposes - pump station and associated structures	40 Maybury Street (Maybury Rserve), Point England
9425	Wastewater purposes - pump station and associated structures	192A Riverside Avenue (Riverside Reserve), Point England
9427	Water supply purposes - reservoir and associated structures	113A Duke Street (Big King Reserve), Three Kings
9428	Water supply purposes - reservoir and associated structures	670 Manukau Road (One Tree Hill Domain), Epsom
9429	Water supply purposes - reservoir and associated structures	670 Manukau Road (One Tree Hill Domain), Epsom
9430	Water supply purposes - reservoirs, pump station and associated structures	197-211 Green Lane West (Cornwall Park), Epsom
9431	Water supply purposes - reservoir and associated structures	197-211 Green Lane West (Cornwall Park), Epsom
9432	Water supply purposes - reservoirs, pump station and associated structures	197-211 Green Lane West (Cornwall Park), Epsom
9433	Wastewater purposes - pump station and associated structures	100 Ireland Road (Panmure Basin Foreshore), Panmure
9434	Water supply purposes - reservoir and associated structures	32-66 Mountain Road (Mt Wellington Domain), Mount Wellington
9435	Water supply purposes - reservoir and associated structures	32-66 Mountain Road (Mt Wellington Domain), Mount Wellington
9436	Wastewater purposes - pump station and associated structures	32B Miranda Street (Miranda Reserve), Avondale
9437	Water supply purposes - reservoir and associated structures	1109 Dominion Road (Winstone Park), Mount Roskill
9438	Wastewater purposes - pump station and associated structures	20 Bowden Road, Mount Wellington

The Proposed Auckland Unitary Plan (notified 30 September 2013)

9439	Wastewater purposes - pump station and associated structures	19 Commodore Drive, Lynfield
9440	Wastewater purposes - pump station and associated structures	39 Fredrick Street, Hillsborough
9441	Wastewater purposes - pump station and associated structures	30 and 30A Alfred Street, Onehunga
9442	Water supply purposes - water treatment plant	2 Spring Street and Rowe Street (road reserve adjacent to 2 Spring Street), Onehunga
9443	Water Supply purposes - supply well, pump station and associated structures	81-87 Church Street (corner Pearce Street and Upper Municipal Place), Onehunga
9444	Water Supply purposes - supply well, pump station and associated structures	26 Upper Municipal Place, Onehunga
9445	Water Supply purposes - supply well, pump station and associated structures	Lower Municipal Place (road reserve adjoining 37-39 Selwyn Street), Onehunga
9446	Water supply purposes - water protection reserve	122R and 122S Neilson Street (Bycroft Reserve), and 43 Galway Street Onehunga
9447	Water supply purposes - Hunua No. 4 Watermain	Onehunga Harbour Road to the corner of Campbell and Rawhiti Roads, Epsom
9448	Wastewater purposes - pump station and associated structures	5A Miami Parade, Onehunga
9449	Wastewater purposes - pump station and associated structures	343 Neilson Street, Te Papapa
9450	Wastewater purposes - siphon chamber, pump station and associated structures	1018A-C Great South Road, Mount Wellington
9451	Wastewater purposes - pump station and associated structures	15-21 and 23A -23B Bell Avenue, Mount Wellington
9452	Wastewater purposes - siphon chamber and associated structures	23A-B Saleyards Road, Otahuhu
9453	Wastewater purposes - pump station and associated structures	20 Saleyards Road, Otahuhu
9454	Wastewater purposes - pump station and associated structures	Luke Street East (road reserve adjoining No. 137), Otahuhu
9455	Wastewater purposes - pump station and associated structures	Portage Road (road reserve adjoining No. 4-12), Otahuhu
9456	Water supply purposes - valve chamber and associated structures	13 Cracroft Street, Otahuhu
9457	Wastewater purposes - pump station and associated structures	2 Alten Road and Churchill Street (road reserve) and Constitution Hill (road reserve), Auckland Central
9458	Wastewater purposes - pump station and associated structures	Hardinge Street (road reserve between 120 and 136-142 Fanshaw Street), Auckland Central

9400 Westmere Park Pump Station

Designation Number	9400
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The Proposed Auckland Unitary Plan (notified 30 September 2013)

Requiring Authority	Watercare Services Ltd
Location	36 Westmere Park Avenue, Westmere
Rollover Designation	Yes
Legacy Reference	Designation B05-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

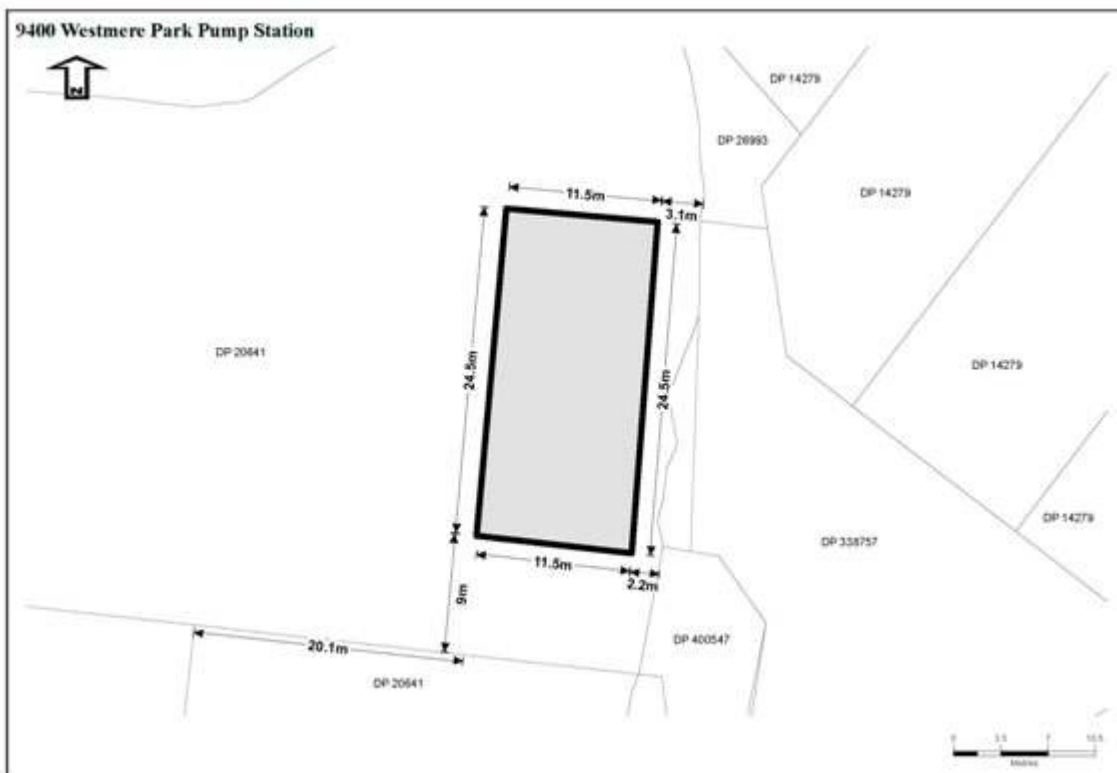
Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

Designation Plan - 9400 Westmere Park Pump Station



9401 Herne Bay (Cox's Bay Reserve) Pump Station

Designation Number	9401
Requiring Authority	Watercare Services Ltd
Location	44-66 West End Road, (Cox's Bay Reserve at the end of Nottingham Street), Herne Bay
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation B06-11, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

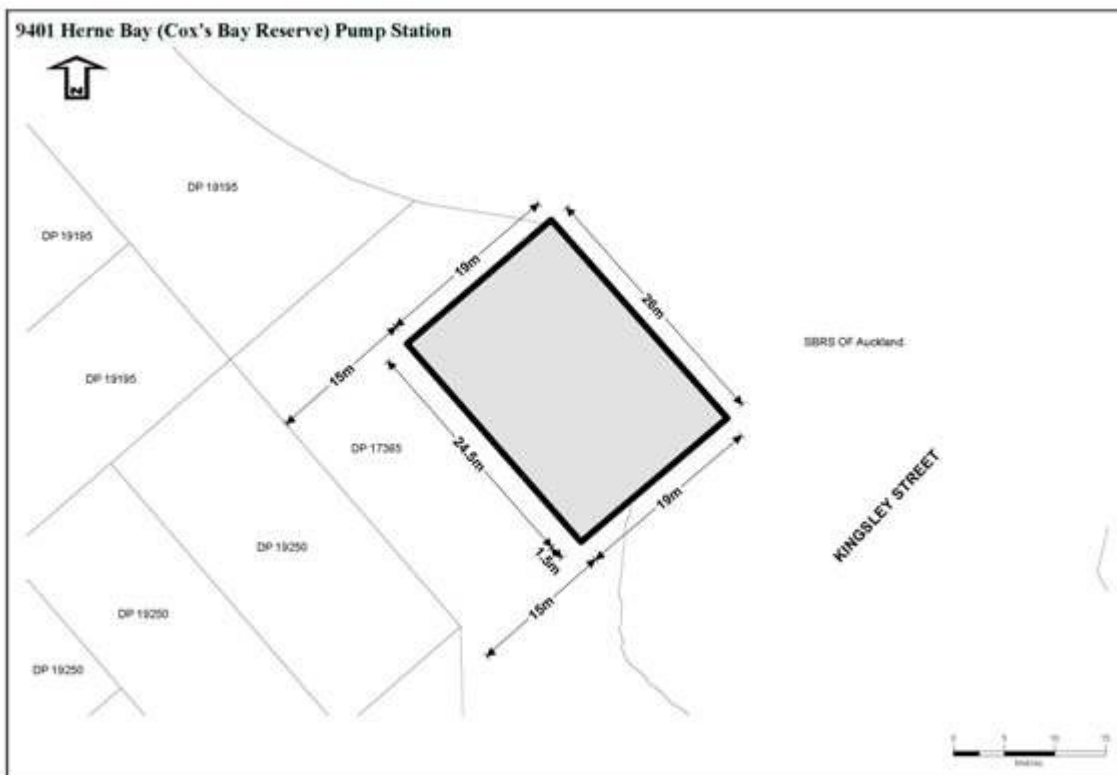
Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

Designation Plan - 9401 Herne Bay (Cox's Bay Reserve) Pump Station



9402 Farnham Street Pump Station

Designation Number	9402
Requiring Authority	Watercare Services Ltd
Location	Road reserve - Farnham Street, adjoining 106 St Georges Bay Road, Parnell
Rollover Designation	Yes
Legacy Reference	Designation B10-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9403 St Heliers Water Tower

Designation Number	9403
Requiring Authority	Watercare Services Ltd
Location	34A Waimarie Street, St Heliers
Rollover Designation	Yes
Legacy Reference	Designation B16-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water tower.

Conditions

No conditions.

Attachments

No attachments.

9404 Harbour View Road Pump Station

Designation Number	9404
Requiring Authority	Watercare Services Ltd
Location	10B Harbour View Road, Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C04-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

9405 Wainui Avenue Pump Station

Designation Number	9405
Requiring Authority	Watercare Services Ltd
Location	Road reserve - Wainui Avenue, adjoining 76 Wainui Avenue, Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C04-04, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9406 Oliver Street Pump Station

Designation Number	9406
Requiring Authority	Watercare Services Ltd
Location	Road reserve - Oliver Street (across from Lynch Street), Point Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C04-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9407 Wright Road Pump Station

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	9407
Requiring Authority	Watercare Services Ltd
Location	Road reserve - Wright Road, adjoining 47 Wright Road, Pt Chevalier
Rollover Designation	Yes
Legacy Reference	Designation C04-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9408 Ponsonby Reservoirs

Designation Number	9408
Requiring Authority	Watercare Services Ltd
Location	7 Hereford Street, Freemans Bay
Rollover Designation	Yes
Legacy Reference	Designation C07-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures (this designation applies only to water supply easement up to 76.6m above Lands and Survey datum).

Conditions

No conditions.

Attachments

No attachments.

9409 Khyber Reservoir Complex and Pump Station

Designation Number	9409
Requiring Authority	Watercare Services Ltd
Location	230 - 250 Symonds Street, Grafton

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Rollover Designation	Yes
Legacy Reference	Designation C08-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9410 Auckland Domain Reservoir

Designation Number	9410
Requiring Authority	Watercare Services Ltd
Location	Auckland Domain, 20 Park Road, Grafton
Rollover Designation	Yes
Legacy Reference	Designation C09-18, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9412 Shore Road Pump Station

Designation Number	9412
Requiring Authority	Watercare Services Ltd
Location	Thomas Bloodworth Park, 2-30 Shore Road, Remuera
Rollover Designation	Yes
Legacy Reference	Designation C10-26, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

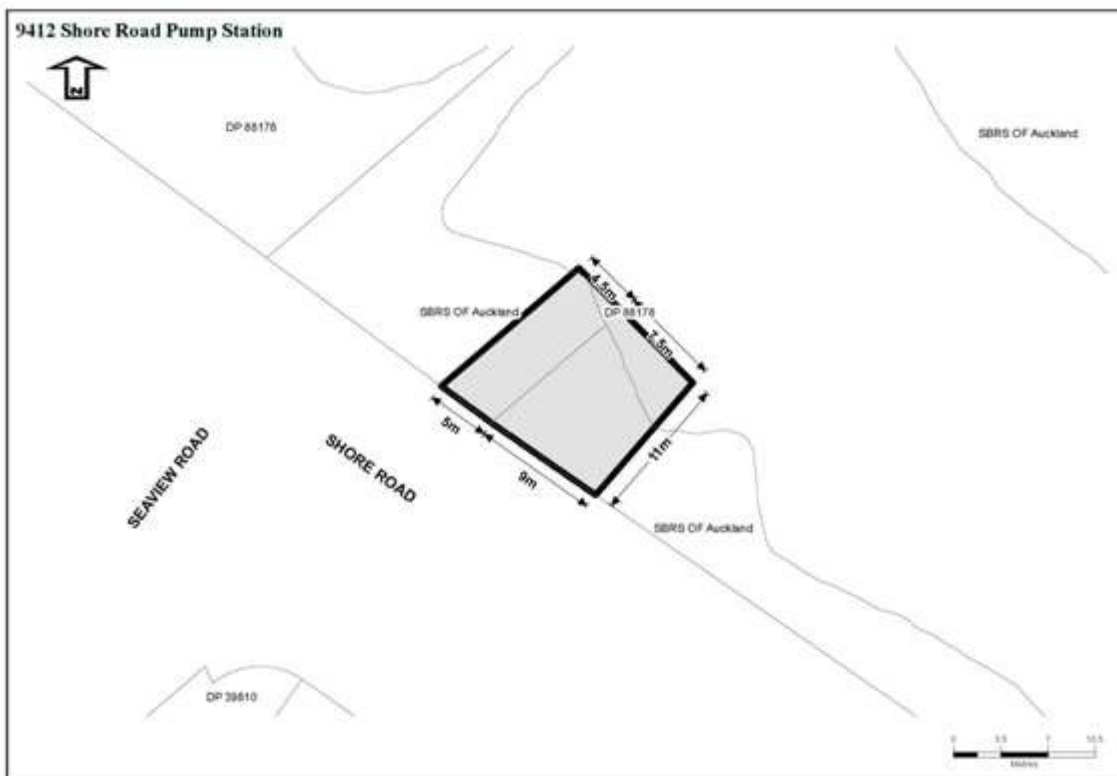
Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

Designation Plan - 9412 Shore Road Pump Station



9413 Orakei Pump Station

Designation Number	9413
Requiring Authority	Watercare Services Ltd
Location	34-40 Reihana Street, Orakei
Rollover Designation	Yes
Legacy Reference	Designation C12-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

No conditions.

Attachments

No attachments.

9414 Kohimarama Pump Station

Designation Number	9414
Requiring Authority	Watercare Services Ltd
Location	Madills Farm, 6 Baddeley Avenue, Kohimarama
Rollover Designation	Yes
Legacy Reference	Designation C14-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

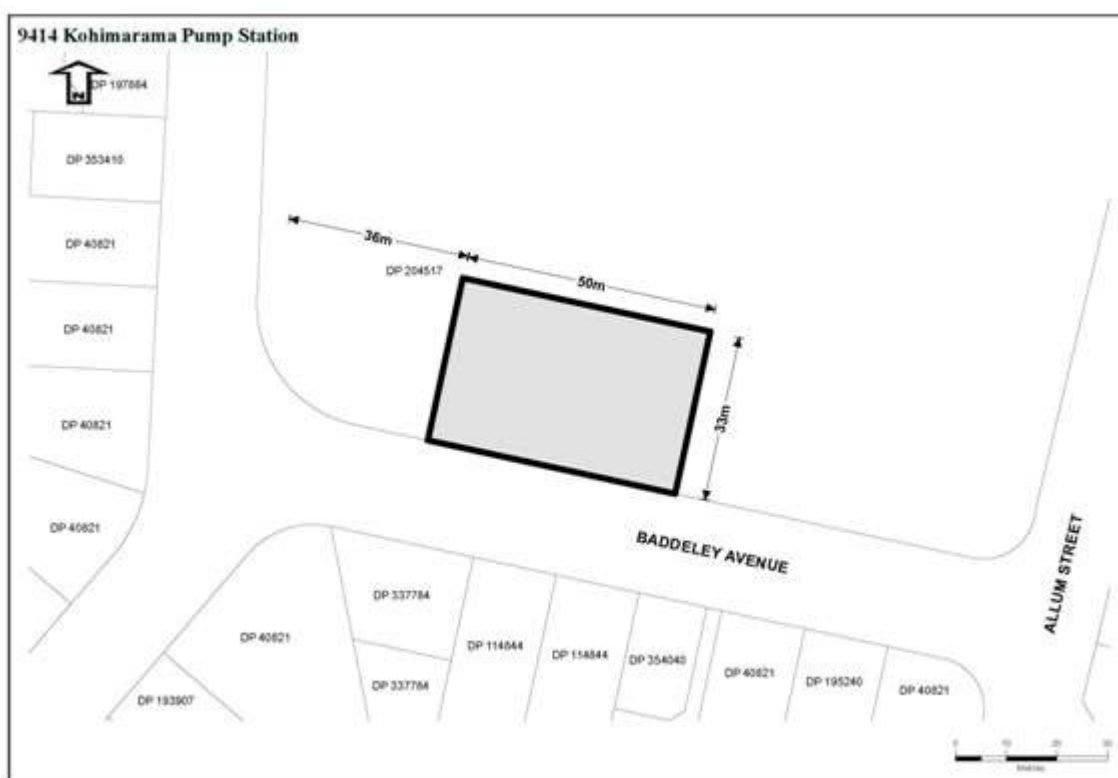
Conditions

No conditions.

Attachments

Designation Plan - 9414 Kohimarama Pump Station

The Proposed Auckland Unitary Plan (notified 30 September 2013)



9415 Glendowie Pump Station

Designation Number	9415
Requiring Authority	Watercare Services Ltd
Location	Roberta Reserve, 20-22 Roberta Avenue, Glendowie
Rollover Designation	Yes
Legacy Reference	Designation C16-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Pump station and associated structures.

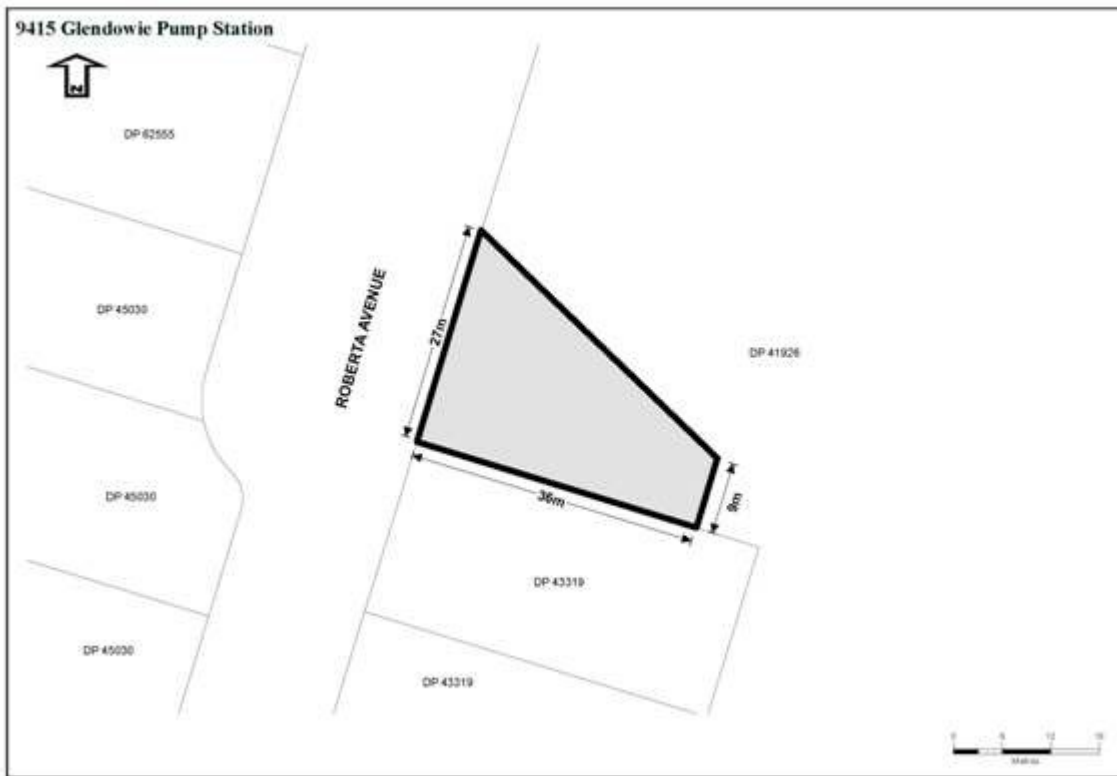
Conditions

No conditions.

Attachments

Designation Plan - 9415 Glendowie Pump Station

The Proposed Auckland Unitary Plan (notified 30 September 2013)



9416 Rosebank Siphon Chamber

Designation Number	9416
Requiring Authority	Watercare Services Ltd
Location	32 Saunders Place, Avondale
Rollover Designation	Yes
Legacy Reference	Designation D01-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - siphon chamber.

Conditions

No conditions.

Attachments

No attachments.

9417 Mt Eden Domain Reservoirs

Designation Number	9417
Requiring Authority	Watercare Services Ltd

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	Mt Eden Domain, 250 Mt Eden Road, Mt Eden
Rollover Designation	Yes
Legacy Reference	Designation D08-32, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9418 Mt Hobson Domain High Reservoirs

Designation Number	9418
Requiring Authority	Watercare Services Ltd
Location	Mt Hobson Domain, 181-225 Remuera Road, Remuera
Rollover Designation	Yes
Legacy Reference	Designation D10-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9419 St Johns Reservoir

Designation Number	9419
Requiring Authority	Watercare Services Ltd
Location	15-39 College Road, St Johns
Rollover Designation	Yes
Legacy Reference	Designation D14-04, Auckland Council District Plan (Isthmus Section) 1999

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Lapse Date	Given effect to (i.e. no lapse date)
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Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9420 Mt Albert Reservoir

Designation Number	9420
Requiring Authority	Watercare Services Ltd
Location	27 La Veta Avenue, Mount Albert
Rollover Designation	Yes
Legacy Reference	Designation E05-27, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9421 Mt Albert Pump Station

Designation Number	9421
Requiring Authority	Watercare Services Ltd
Location	La Veta Avenue (road reserve adjoining No. 13 and 15), Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation E05-28, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - pump station and associated structures

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Conditions

No conditions.

Attachments

No attachments

9422 Edendale Branch Overflow Apron

Designation Number	9422
Requiring Authority	Watercare Services Ltd
Location	End of Morning Star Place and 30-36 Alberton Avenue (near Roy Clement Walkway), Mt Albert
Rollover Designation	Yes
Legacy Reference	Designation E06-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - overflow apron.

Conditions

No conditions.

Attachments

No attachment.

9423 Mt Hobson Domain Low Reservoir

Designation Number	9423
Requiring Authority	Watercare Services Ltd
Location	181 - 225 Remuera Road (Mt Hobson Domain), Remuera
Rollover Designation	Yes
Legacy Reference	Designation E10-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

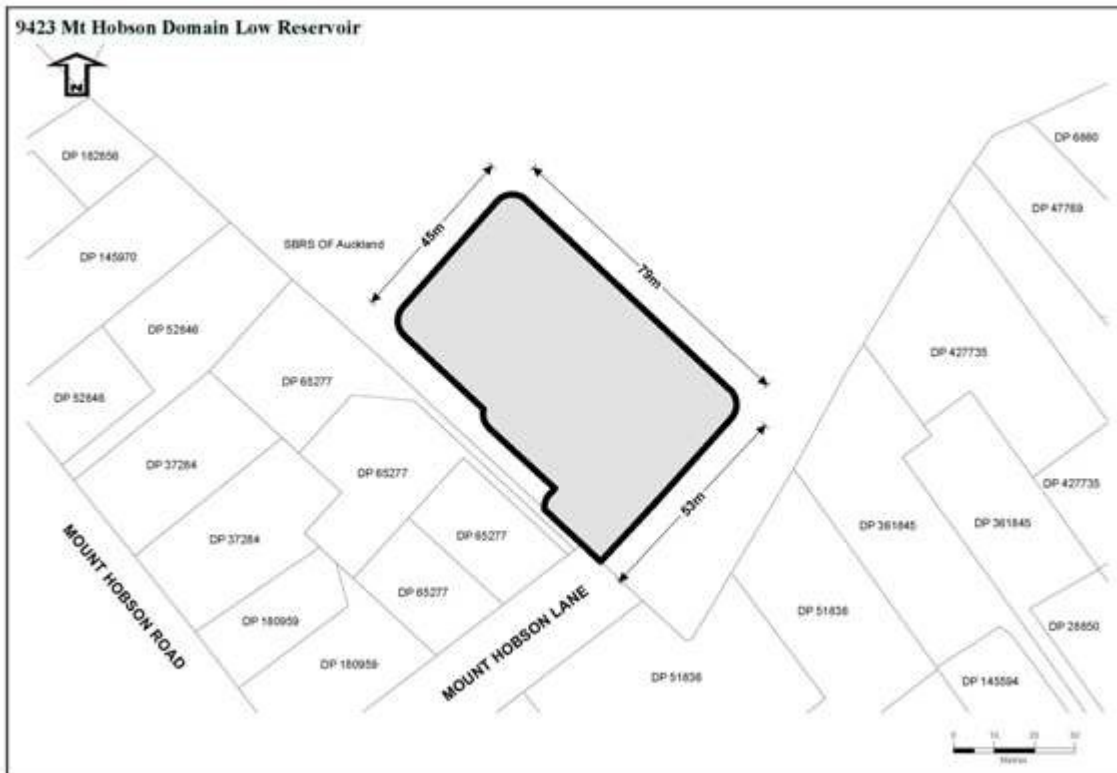
Conditions

No conditions.

Attachments

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Plan - 9423 Mt Hobson Domain Low Reservoir



9424 Point England (Maybury Reserve) Pump Station

Designation Number	9424
Requiring Authority	Watercare Services Ltd
Location	Maybury Reserve, 40 Maybury Street, Point England
Rollover Designation	Yes
Legacy Reference	Designation E15-09, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

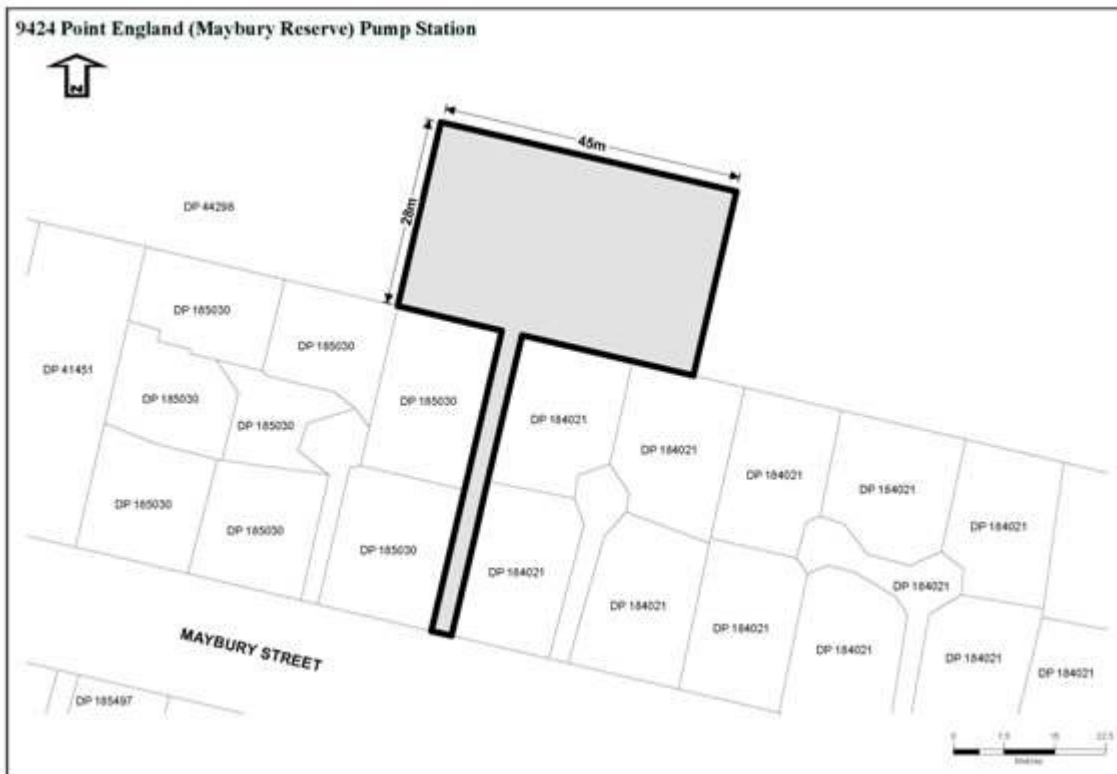
Conditions

No conditions.

Attachments

Designation Plan - 9424 Point England (Maybury Reserve) Pump Station

The Proposed Auckland Unitary Plan (notified 30 September 2013)



9425 Point England (Riverside Avenue) Pump Station

Designation Number	9425
Requiring Authority	Watercare Services Ltd
Location	192A Riverside Avenue (Riverside Reserve), Point England
Rollover Designation	Yes
Legacy Reference	Designation E16-01, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9427 Three Kings Low Reservoir

Designation Number	9427
Requiring Authority	Watercare Services Ltd

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Location	Big King Reserve, 113A Duke Street, Three Kings
Rollover Designation	Yes
Legacy Reference	Designation F07-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

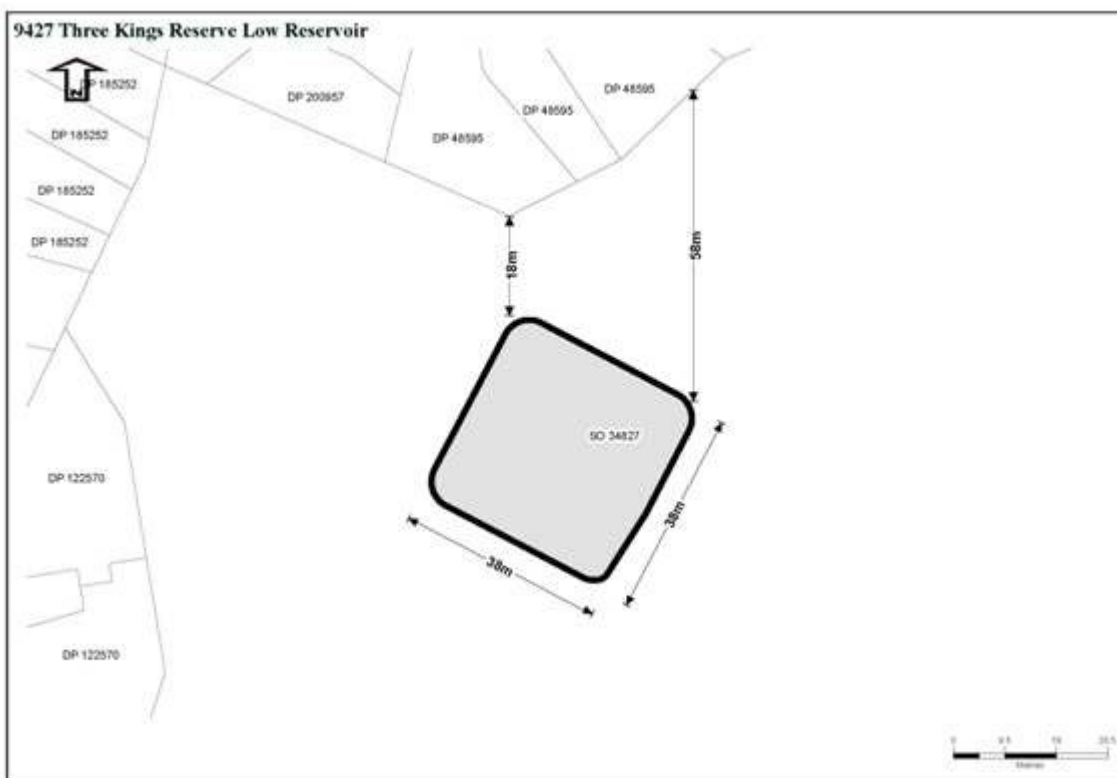
Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

Designation Plan - 9427 Three Kings Reserve Low Reservoir



9428 One Tree Hill Domain Reservoir

Designation Number	9428
Requiring Authority	Watercare Services Ltd
Location	One Tree Hill Domain, 670 Manukau Road, Epsom
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation F09-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9429 Onehunga High Reservoir

Designation Number	9429
Requiring Authority	Watercare Services Ltd
Location	One Tree Hill Domain, 670 Manukau Road, Epsom
Rollover Designation	Yes
Legacy Reference	Designation F09-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9430 Campbell Road Reservoirs and Pump Station

Designation Number	9430
Requiring Authority	Watercare Services Ltd
Location	Cornwall Park, 197-211 Green Lane West, Epsom
Rollover Designation	Yes
Legacy Reference	Designation F10-14, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Purpose

Water supply purposes - reservoirs, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9431 Cornwall Park Reservoir

Designation Number	9431
Requiring Authority	Watercare Services Ltd
Location	Cornwall Park, 197-211 Green Lane West, Epsom
Rollover Designation	Yes
Legacy Reference	Designation F10-15, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9432 Onehunga Low Reservoirs and Pump Station

Designation Number	9432
Requiring Authority	Watercare Services Ltd
Location	Cornwall Park, 197-211 Green Lane West, Epsom
Rollover Designation	Yes
Legacy Reference	Designation F10-16, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs, pump station and associated structures.

Conditions

No conditions.

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Attachments

No attachments.

9433 Panmure Basin Pump Station

Designation Number	9433
Requiring Authority	Watercare Services Ltd
Location	Panmure Basin Foreshore, 100 Ireland Road, Panmure
Rollover Designation	Yes
Legacy Reference	Designation F14-17, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

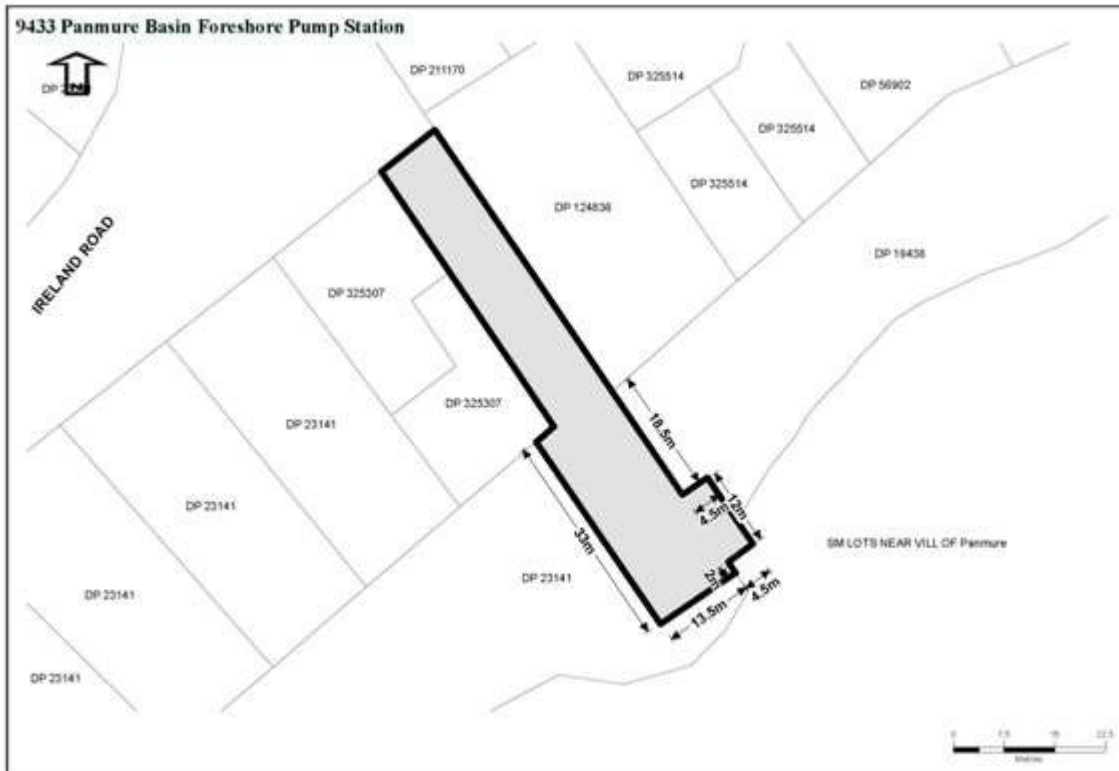
Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

Designation Plan - 9433 Panmure Basin Foreshore Pump Station



9434 Mt Wellington Domain High Reservoir

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Designation Number	9434
Requiring Authority	Watercare Services Ltd
Location	Mt Wellington Domain, 32 - 66 Mountain Road, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation F14-18, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9435 Mt Wellington Domain Low Reservoir

Designation Number	9435
Requiring Authority	Watercare Services Ltd
Location	Mt Wellington Domain, 32 - 66 Mountain Road, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation F14-19, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9436 Avondale (Miranda Reserve) Pump Station

Designation Number	9436
Requiring Authority	Watercare Services Ltd
Location	Miranda Reserve, 32B Miranda Street, Avondale
Rollover Designation	Yes

The Proposed Auckland Unitary Plan (notified 30 September 2013)

Legacy Reference	Designation G03-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

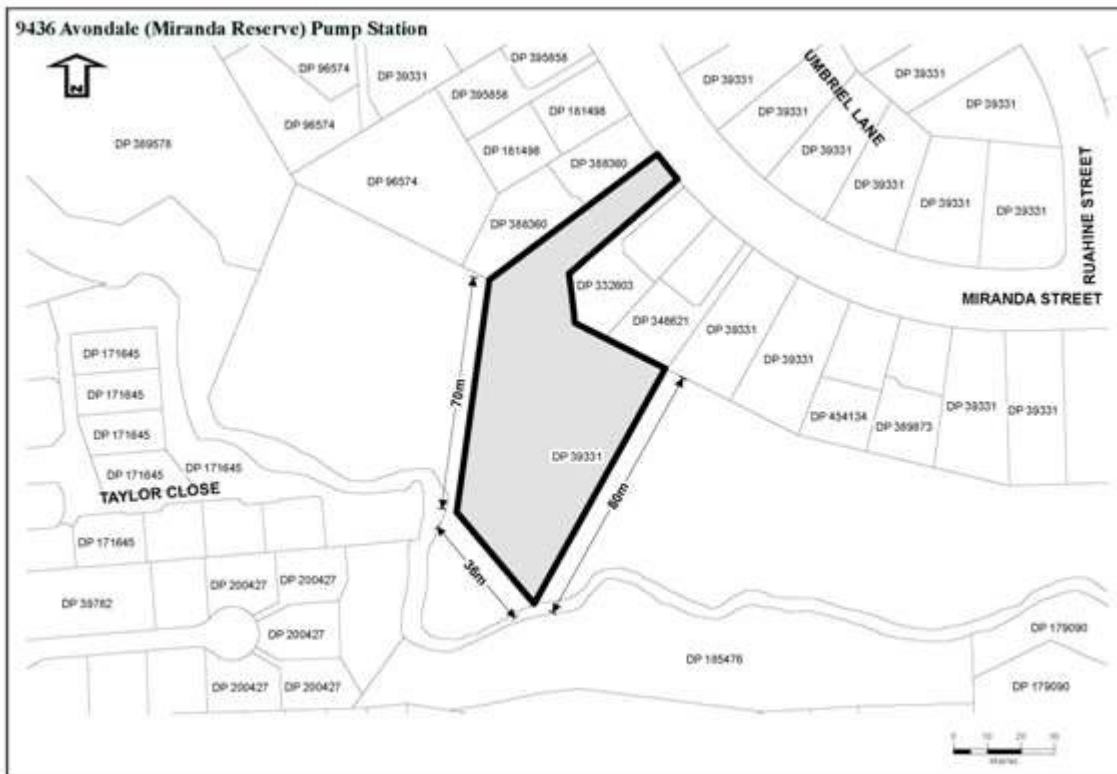
Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

Designation Plan - 9346 Avondale (Miranda Reserve) Pump Station



9437 Mt Roskill Reservoir

Designation Number	9437
Requiring Authority	Watercare Services Ltd
Location	Winstone Park, 1109 Dominion Road, Mt Roskill
Rollover Designation	Yes
Legacy Reference	Designation G06-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9438 Mt Wellington (Bowden Road) Pump Station

Designation Number	9438
Requiring Authority	Watercare Services Ltd
Location	20 Bowden Road, Mt Wellington
Rollover Designation	Yes
Legacy Reference	Designation G14-08, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9439 Lynfield Pump Station

Designation Number	9439
Requiring Authority	Watercare Services Ltd
Location	19 Commodore Drive, Lynfield
Rollover Designation	Yes
Legacy Reference	Designation H05-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

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No conditions.

Attachments

No attachments.

9440 Hillsborough Pump Station

Designation Number	9440
Requiring Authority	Watercare Services Ltd
Location	39 Frederick Street, Hillsborough
Rollover Designation	Yes
Legacy Reference	Designation H08-02, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9441 Onehunga (Alfred Street) Pump Station

Designation Number	9441
Requiring Authority	Watercare Services Ltd
Location	30 and 30A Alfred Street, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-21, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9442 Onehunga Water Treatment Plant

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Designation Number	9442
Requiring Authority	Watercare Services Ltd
Location	2 Spring Street and Rowe Street road reserve (adjacent to 2 Spring Street), Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-22, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water treatment plant.

Conditions

No conditions.

Attachments

No attachments.

9443 Onehunga (Pearce Street) Water Supply Well

Designation Number	9443
Requiring Authority	Watercare Services Ltd
Location	81 - 87 Church Street (corner of Pearce Street and Upper Municipal Place), Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-23, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - supply well, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9444 Onehunga (Upper Municipal Place) Water Supply Well

Designation Number	9444
Requiring Authority	Watercare Services Ltd

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Location	26 Upper Municipal Place, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-24, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - supply well, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9445 Onehunga (Lower Municipal Place) Water Supply Well

Designation Number	9445
Requiring Authority	Watercare Services Ltd
Location	Lower Municipal Place (road reserve adjoining No. 37-39 Selwyn Street), Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H10-25, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - supply well, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9446 Bycroft Reserve Water Protection Reserve

Designation Number	9446
Requiring Authority	Watercare Services Ltd
Location	122R and 122S Neilson Street (Bycroft Reserve) and 43 Galway Street, Onehunga
Rollover Designation	Yes

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Legacy Reference	Designation H10-31, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse dates)

Purpose

Water supply purposes - water protection reserve.

Conditions

1. Establishment of a Water Protection Reserve will be a permitted activity provided that:
 - a. Activities shall be in accordance with the rules for the Open Space 2 zone and the following relevant parts of the District Plan;
 - b. Measures shall be taken to protect the existence of the aquatic moss *Fissidens bertaroi*, indigenous vegetation and wildlife; and
 - c. The Requiring Authority will discuss appropriate measures with the Auckland Council to ensure minimum water flow of 30m³/day (0.31 l/sec) in the Bycroft Stream is maintained to protect the wetland.

Attachments

No attachments.

9447 Hunua No. 4 Watermain

Designation Number	9447
Requiring Authority	Watercare Services Ltd
Location	Onehunga Harbour Road, Onehunga to the corner of Campbell and Rawhiti Roads, Epsom
Rollover Designation	Yes
Legacy Reference	Designation H10-54, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - Hunua No.4 Watermain.

Conditions

General

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement dated 3 March 2010 and supporting documents being "Hunua No. 4 Watermain Assessment of Effects on the Environment", Volumes 1, 2 and 3, dated 3 March 2010.
2. As soon as practicable following completion of construction of the Project, the Requiring Authority shall, in consultation with the Council:
 - a. review the width of the area designated for the Project;
 - b. identify:
 - i. any areas of designated land that are no longer necessary for the ongoing operation, maintenance, renewal

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and protection of the pipeline and ancillary activities; and

- ii. any areas of designated land within the legal road boundaries that are more than 2.5 metres from the centreline of the pipeline (excluding any special chambers/facilities or other associated structures);
- c. give notice to the Council in accordance with Section 182 of the RMA for removal of those parts of the designation identified in (b) above which are not required for the long term operation and maintenance of the Project; and
- d. provide as-built plans to the Council's Team Leader, Compliance and Monitoring, Resource Consents.

3. A liaison person shall be appointed by the Requiring Authority for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be reasonably available for on-going consultation on all matters of concern to affected persons arising from the Project. If the liaison person will not be available for any reason, an alternative contact person shall be nominated to ensure that a Project contact person is available by telephone 24 hours per day / seven days per week during the construction phase.

4. The designation shall lapse if not given effect within 10 years from the date on which it is included in the District Plan.

5. Those stages of the works within the designation and previously approved under separate resource consent are exempt from the following conditions 6-48, namely:

Auckland City Council Resource Consent LUC/2009/1080

Auckland City Council Resource Consent LUC/2009/5543

Outline Plan of Works

6. Except as provided for in Condition 7, the Requiring Authority shall submit an OPW for the Project or for each Project stage in accordance with Section 176A of the RMA.

7. An OPW need not be submitted if the Council has waived the requirement for an OPW in accordance with Section 176A (2) (c) of the RMA.

8. The OPW shall include the following Management Plans for the relevant stage(s) of the Project: Construction Management Plan ("CMP"); Construction Noise and Vibration Management Plan ("CNVMP") and Network Utility Management Plan ("NUMP").

Construction

9. The Requiring Authority shall prepare a Construction Management Plan or Plans for the Project overall or for each of the relevant Project stages. The purpose of the CMPs is to set out the detailed management procedures and construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities. The CMPs shall be provided to the Council with the relevant OPW for the stage that they relate to.

10. The CMPs required by Condition 9 shall include specific details relating to the management of all construction activities associated with the Project or relevant Project stage, including:

- a. Details of the site or project manager and the construction liaison person identified in Condition 3, including their contact details (phone, facsimile (if any), postal address, email address);
- b. An outline construction programme, indicating in particular the likely time periods for road closures and anticipated traffic diversion effects;
- c. The hours of construction;
- d. Measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal/storage of rubbish, storage and unloading of construction materials and similar construction activities;
- e. Location of site infrastructure including site offices, site amenities, contractors yards, site access, equipment

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unloading and storage areas, contractor car parking, and security;

f. Procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials (if any) from public roads or places adjacent to the work site;

g. Procedures for the protection of significant trees and other vegetation;

h. Procedures for ensuring that residents, road users and businesses in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration and effects of the works;

i. Means of providing for the health and safety of the general public;

j. Procedures for responding to complaints about construction activities;

k. Procedures for management of traffic incidents within the works area;

l. Procedures for the management of works which directly affect or are located in close proximity to existing network utility services;

m. Construction noise and vibration management;

n. Protocols for the management of ground breaking activities along the pipeline route to manage effects on the environment and human health should any contamination issues be encountered;

o. Means of avoiding damage to the stone walls at the entry to Maungakiekie / Cornwall Park during construction on Campbell Road;

p. Procedures for the refuelling of plant and equipment; and

q. Engineering design and construction drawings.

11. The CMP shall be implemented and maintained throughout the entire construction period for the Project or relevant Project stage to manage potential adverse effects arising from construction activities to the greatest practicable extent.

Network Utilities Management Plan

12. Notwithstanding anything in Condition 7, the Requiring Authority shall prepare and implement a NUMP so that design and construction of the Project adequately takes account of and includes measures for the safety, integrity, protection or, where necessary, relocation of existing network utilities.

13. A copy of the NUMP shall be provided to the Council's Team Leader Compliance and Monitoring, Resource Consents prior to construction commencing.

14. The NUMP shall include, but not be limited to, the following matters:

a. Provisions for liaison with all network utility operators and other infrastructure providers whose assets are directly affected by or located in close proximity to the Project;

b. Provisions to enable other utility operators to access existing infrastructure for maintenance at all reasonable times, or emergency works at all times, while construction activities associated with the Project are occurring; and

c. Provisions to ensure that all construction personnel, including contractors, are aware of the presence and location of the various utility services which traverse, or are in close proximity to the Project, and the restrictions in place in relation to those services. This shall include plans identifying the service locations and appropriate physical indicators on the ground showing specific surveyed locations.

15. The NUMP shall be prepared in consultation with the relevant network utility operators and other infrastructure providers and, in addition to the matters listed in condition 14, shall address the following matters in respect of works or activities in proximity to the relevant utility services:

a. Measures to identify the location of existing utility services accurately;

b. Measures for protection, relocation and / or reinstatement of network utility infrastructure;

c. Measures to provide for the safe operation of plant and equipment and the safety of workers in proximity to live utility services;

d. Measures to manage potential induction hazards;

e. Procedures to manage dust and any other material potentially able to cause damage to overhead

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transmission lines;

f. Earthworks management, depth and extent of earthworks;

g. Vibration management; and

h. Incident emergency management.

16. The Requiring Authority shall consult with, and provide detailed design and construction plans and specifications to the New Zealand Refining Company Limited, Wiri Oil Services Limited and Transpower at least 20 working days prior to the intended commencement of any physical construction works that have the potential to come within 12 metres of their assets.

17. In the development of the NUMP, the Requiring Authority shall also investigate opportunities for other network utility operators or infrastructure providers, where practicable, to undertake upgrading works at the same time as construction of the Project.

18. The NUMP may be prepared as a standalone management plan or may form part of the Construction Management Plan, as determined by the Requiring Authority.

Construction Noise and Vibration

19. A CNVMP shall be prepared for the Project or relevant Project stage, by a suitably qualified expert.

20. The CNVMP shall include specific details relating to the control of noise and vibration associated with all Project works. The CNVMP shall be formulated and the works implemented to achieve, as far as practicable, compliance with the requirements of:

a. NZS6803: 1999 Acoustics - Construction Noise; and

b. German Standard DIN 4150-3:1999 Structural Vibration - Effects of Vibration on Structures.

21. The CNVMP shall, as a minimum, address the following aspects with regard to construction noise:

a. Noise sources, including machinery, equipment and construction techniques to be used;

b. Predicted construction noise levels;

c. Hours of operation, including times and days when noisy construction work and blasting would occur;

d. Construction noise criteria for specific areas and sensitive receivers such as schools, child care centres, medical or aged care facilities;

e. The identification of activities and locations that will require the design of noise mitigation measures such as temporary barriers or enclosures and the details of such measures where the Project noise criteria are predicted to be exceeded;

f. The measures that will be undertaken by the Requiring Authority to communicate noise management measures to affected stakeholders;

g. Development of alternative management strategies where full compliance with NZS6803: 1999 cannot be achieved;

h. Methods for monitoring and reporting on construction noise; and

i. Methods for receiving and responding to complaints about construction noise.

22. The CNVMP shall also describe measures adopted to meet the requirements of German Standard DIN4150, and as a minimum shall address the following aspects:

a. Vibration sources, including machinery, equipment and construction techniques to be used;

b. Provision for the determination of buildings that require pre-condition surveys to be re-evaluated following test blasts at the commencement of blasting;

c. Preparation of building condition reports on 'at risk' buildings prior to, during and after completion of works, where for the purposes of this condition an 'at risk' building is one at which the levels in the German Standard DIN4150 are likely to be approached or exceeded;

d. Provision for the use of building condition surveys to determine the sensitivity of the building(s) on the adjacent sites to ground movement in terms of the Line 1-3 criteria of the DIN standard;

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- e. Identification of any particularly sensitive activities in the vicinity of the pipeline route (e.g. commercial activity using sensitive equipment such as radiography or mass-spectrometry);
- f. Alternative management and mitigation strategies where compliance with German Standard DIN 4150-3:1999 cannot be achieved;
- g. The measures that will be undertaken by the Requiring Authority to communicate vibration management measures to affected stakeholders;
- h. Methods for monitoring and reporting on construction vibration; and
- i. Methods for receiving and responding to complaints about construction vibration.

23. The CNVMP shall be implemented and maintained throughout the entire construction period and shall be updated when necessary.

Roading and Traffic Management

24. The Requiring Authority shall undertake a condition survey of the carriageway along the designated route and submit it to the Council's Team Leader Compliance and Monitoring, Resource Consents prior to the commencement of construction. The condition survey shall include but not be limited to a photographic or video record of the carriageway along the designated route.

25. An overarching Traffic Management Plan ("TMP") shall be prepared for the Project. The TMP should set out general processes for the submission of the appropriate Site Specific Traffic Management Plan ("SSTMP") to the Council and should address the following:

- a. The staging of the works including details of any proposals to work on multiple sections of the route concurrently;
- b. General methodology for determining when works will be undertaken on various road types (e.g. arterials, local roads etc);
- c. General methodology for selecting detour routes; and
- d. Identification of any potential road closures and provision for emergency vehicles.

26. The TMP shall be provided to the Council at least one month prior to commencement of the Project or relevant Project stage.

27. SSTMPs shall be prepared for the Project or relevant Project stage, by a suitably qualified person. SSTMPs are to be provided to the Council with an application for the required Road Opening Notice (RON) prior to any work commencing on the relevant Project stage to which the SSTMP relates.

28. SSTMPs shall be provided to the Council no less than 15 working days prior to the commencement of construction.

29. SSTMPs shall describe the measures that will be taken to avoid, remedy or mitigate the traffic effects associated with construction of the Project or relevant Project stage. In particular, SSTMPs shall describe:

- a. Traffic management measures to mitigate impact on traffic capacity at peak hours during weekdays and weekends;
- b. Where road closures are deemed necessary by the Council, details of any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- c. The capacity of proposed detour route(s) and their sufficiency to carry the additional traffic volumes and any safety issues associated with the detour route, including mitigation measures where required;
- d. Specific traffic management plans across arterial intersections;
- e. Provisions for safe and efficient access of construction vehicles and methods to manage the effects of the delivery of construction material, plant and machinery, including the potential effects of High Sided Vehicles (HSV) and construction machinery on trees that overhang the designation;
- f. Measures to maintain, where practicable, existing vehicle access to property in order to enable, as far as

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practicable, normal operations on the property to continue, or to provide alternative access arrangements;

- g. Measures to maintain, where practicable, pedestrian and cyclist access on roads and footpaths adjacent to the construction works. Such access shall be safe, clearly identifiable and seek to provide the shortest and most convenient detours where such detours are necessary;
- h. Proposed monitoring to measure the impact of the works on traffic and the impact of the traffic management measures;
- i. Definition of the proposed construction zone and area available for traffic; and the location of barriers and fences to protect the construction site;
- j. Measures to maintain the normal day-to-day operations of public transport providers, or proposed alternatives where changes are required;
- k. Any temporary changes in speed limit;
- l. Provision of safe and efficient access of construction vehicles to and from the construction site, including the movement of construction traffic on local roads; and
- m. The measures that will be undertaken by the Requiring Authority to communicate traffic management measures to affected road users and stakeholders.

30. SSTMPs shall be prepared following consultation with the following key stakeholders:

- a. road controlling authorities;
- b. emergency services (police, fire and ambulance);
- c. local business associations;
- d. Auckland Regional Transport Authority (or its successor) and any bus operators which operate scheduled services along the route; and
- e. schools and childcare centres with frontage or access to roads where works are taking place.

31. The Requiring Authority shall provide, where practicable, two temporary traffic lanes adjacent to the construction works on roads carrying more than 5000 vehicles per day. In this respect the construction equipment and process shall be modified where practicable to achieve the lane provisions required. In addition, details of the hours of work for works on or adjacent to these roads shall be provided.

32. All TMPs (including SSTMPs) shall be consistent with the New Zealand Transport Agency Code of Practice for Temporary Traffic Management which applies at the time of construction.

33. All TMPs (including SSTMPs) shall be subject to an independent safety and traffic operational audit prior to being submitted to the Council.

34. As soon as practicable following completion of construction, the Requiring Authority shall:

- a. repair any damage to public carriageways and footpaths (and associated road components) resulting from the impacts of construction. Such repair may involve short-term maintenance to allow for settling and consolidation of carriageways prior to final repair by the Requiring Authority; and
- b. re-grass areas (including berms) that were previously grassed.

Works Within Road Reserve

35. On completion of construction within Council roads and State Highways, all works shall be reinstated in accordance with the Code of Practice for Working in Roads which applies at the date that the contract for the relevant Project stage is awarded, unless otherwise agreed between the Requiring Authority and the road controlling authority.

36. A completion report for each Project Stage shall be submitted to the Council detailing the reinstatement works on all public roads including Quality Assurance records.

Construction Hours

37. Construction hours shall be generally as follows, except where work is necessary outside the specified

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days or hours for the purposes specified in condition 38a.-e. below.

Monday to Friday: 7am to 9pm;

Saturday: 8am to 5 pm;

Sundays and public holidays: No Work.

38. Purposes for which work may occur outside of the specified days or hours are:

- a. where work is specifically required to be planned to be carried out at low traffic times (for example, excavation across busy intersections);
- b. for delivery of large equipment;
- c. in cases of emergency;
- d. for securing of the site or removing a traffic hazard; and/or
- e. for any other reason specified in the CMP or SSTMP.

Community Information and Liaison

39. The Requiring Authority shall prepare a Communications Plan ("CP") setting out:

- a. The method/s of consultation and liaison with key stakeholders and the owners/occupiers of neighbouring properties regarding the likely timing and duration of works, alternative routes, access to properties and any proposed alterations to public transport services;
- b. Details of prior consultation or community liaison undertaken with the owners/occupiers of neighbouring properties, key stakeholders, schools, public transport providers, emergency services or representative groups regarding proposed road or lane closures, potential diversions and delays, including outlining any measures developed with such persons or groups to manage or to mitigate any adverse effects or inconvenience that may arise; and
- c. Full contact details for the person appointed to manage the public information system and be the point of contact for related inquiries.

40. The Requiring Authority shall submit the CP to the Council at least one (1) month prior to construction commencing on any defined stage.

Tree Management

41. When providing details as to how impacts of construction on trees and vegetation will be managed in the CMP, as required by condition 10, the following shall apply:

- a. The Requiring Authority's arborist shall provide an updated accurate list of all trees affected. This shall include a description of potential root loss, pruning, proximity of excavations and a brief statement on proposed outcome. The list shall also include protection status and specific tree protection requirements;
- b. All excavation work within the dripline or root zone of any tree in a Council street or Council reserve, any scheduled tree or any tree that would otherwise be generally protected under the District Plan and is located upon private land (and extends over the work site), shall be supervised by a Council approved arborist;
- c. Any root or limb with a diameter in excess of 35mm where severance is required shall be supervised by the approved arborist in accordance for the long-term health and vitality or stability of the subject tree(s);
- d. Any scheduled tree or any tree that would otherwise be generally protected under the District Plan and considered by the Requiring Authority's arborist to be at risk of damage from the construction works, adjacent to construction areas, will be fenced off to minimise and/or avoid any damage to the rootplate area of the subject tree;
- e. Where a Council owned tree has been damaged and a Council arborist assesses that remedial work is necessary, the works shall be undertaken by a competent Council approved arborist and the Requiring Authority shall be directly liable for all remedial costs. Should a Council owned tree be damaged beyond repair or destroyed then the Requiring Authority shall be directly liable for all costs relating to tree removal and replacement planting; and
- f. Where replacement planting is required to remediate the loss of a Council owned tree, the species and location of the replacement tree shall be approved by the Council.

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42. Following the completion of construction the Requiring Authority shall provide a monitoring report to the Council that lists all trees, in accordance with condition 39(a), that were subject to any cutting or damage of the roots, trunk, or canopy to an extent deemed more than minor by the Requiring Authority's arborist.

Archaeology and Heritage

43. In the event that a lava cave is discovered during construction of the pipeline, the Council's Heritage Team shall be immediately notified and, subject to compliance with traffic management and health and safety requirements, provided with an opportunity to inspect the cave. The Requiring Authority shall keep photographic or other records of the extent of any lava cave discovered during construction of the Project and shall provide GPS coordinates for the discovery.

44. Some caves in this area have been found to contain bones. Should any cave encountered have bones present, then the cave is to be additionally regarded as an archaeological site and archaeological protocols are to be followed.

45. Detailed protocols for the management of archaeological and waahi tapu discoveries shall be developed by the Requiring Authority in consultation with tangata whenua and the New Zealand Historic Places Trust prior to construction.

46. Subject to Condition 44, if any archaeological sites including human remains are exposed during site works then the following procedures shall apply:

- a. immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. the Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. the Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust and the Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

47. Condition 43 shall not apply where the Requiring Authority holds all relevant approvals under the Historic Places Act 1993, apart from the requirement in the case of discovery of human remains to contact tangata whenua and the New Zealand Police.

Contamination

48. The Requiring Authority shall notify the Team Leader Compliance and Monitoring, Resource Consents at the Council immediately on identification of any contamination found along the pipeline route which was not identified in the reports submitted in support of the Notice of Requirement, including contaminated soil, surface water or groundwater. Any contamination that is discovered shall be investigated, remediated, disposed of and reported on (including validation) in accordance with the Ministry for the Environment Contaminated Land Management Guidelines and the relevant guidelines addressing contaminants from specific industries or activities.

Site Reinstatement

49. When contractors' yards or other temporary works areas are no longer required for any construction or operational purpose, site offices, storage and equipment sheds, fencing and hard stand areas shall be removed and the area reinstated to at least the standard which existed prior to commencement of works.

Attachments

No attachments.

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9448 Onehunga (Miami Parade) Pump Station

Designation Number	9448
Requiring Authority	Watercare Services Ltd
Location	5A Miami Parade, Onehunga
Rollover Designation	Yes
Legacy Reference	Designation H11-10, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9449 Te Papapa (Mt Smart) Pump Station

Designation Number	9449
Requiring Authority	Watercare Services Ltd
Location	343 Neilson Street, Te Papapa
Rollover Designation	Yes
Legacy Reference	Designation H12-03, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9450 Eastern Interceptor Siphon Chamber

Designation Number	9450
Requiring Authority	Watercare Services Ltd
Location	1018A-C Great South Road, Mount Wellington

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Rollover Designation	Yes
Legacy Reference	Designation H13-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - siphon chamber, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9451 Mt Wellington (Bell Avenue) Pump Station

Designation Number	9451
Requiring Authority	Watercare Services Ltd
Location	15 - 21 and 23A - 23B Bell Avenue, Mount Wellington
Rollover Designation	Yes
Legacy Reference	Designation H13-07, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9452 Challenge Siphon Chamber (Salesyards Road)

Designation Number	9452
Requiring Authority	Watercare Services Ltd
Location	23A-B Salesyards Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I13-05, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

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Purpose

Wastewater purposes - siphon chamber and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9453 Otahuhu (Saleyards Road) Pump Station

Designation Number	9453
Requiring Authority	Watercare Services Ltd
Location	20 Saleyards Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I13-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9454 Otahuhu (Luke Street) Pump Station

Designation Number	9454
Requiring Authority	Watercare Services Ltd
Location	Luke Street East (road reserve adjoining No. 137), Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I15-06, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

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No attachments.

9455 Otahuhu (Portage Road) Pump Station

Designation Number	9455
Requiring Authority	Watercare Services Ltd
Location	Portage Road (road reserve adjoining No. 4-12), Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation I14-24, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9456 Cracroft Street Water Supply Chamber

Designation Number	9456
Requiring Authority	Watercare Services Ltd
Location	13 Cracroft Street, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation J14-18, Auckland Council District Plan (Isthmus Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - valve chamber and associated structures

Conditions

No conditions.

Attachments

No attachments.

9457 Constitution Hill Pump Station

Designation Number	9457
Requiring Authority	Watercare Services Ltd

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Location	2 Alten Road and Churchill Street (road reserve) and Constitution Hill (road reserve), Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 292, Auckland Council District Plan (Central Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Existing pump station and associated structure including a control and odour filter building. The station was built in 1920. The purpose of the pump station is to pump the wastewater collected from the area around Beach Road and Custom Street to the Orakei Main Sewer where it crosses Stanley Street. The work will include operation, maintenance, upgrading and refurbishing of the station and associated structures and any necessary temporary works.

Conditions

No conditions.

Attachments

No attachments.

9458 Fanshawe Street Pump Station

Designation Number	9458
Requiring Authority	Watercare Services Ltd
Location	Hardinge Street (road reserve between 120 and 136 -142 Fanshawe Street), Auckland Central
Rollover Designation	Yes
Legacy Reference	Designation 293, Auckland Council District Plan (Central Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

South

Designation Schedule - Watercare Services Ltd (3/3)

South

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Number	Purpose	Location
9500	Water supply purposes - water catchment headworks land	Cosseys Road and 201 Moumoukai Hill Road, Clevedon
9501	Water supply purposes - headworks service land	201 Moumoukai Hill Road, Clevedon
9502	Wastewater purposes - Mangere Wastewater Treatment Plant	500 Island Road, Mangere Bridge
9503	Wastewater purposes - Area 1A - wastewater treatment purposes; Area 1B and 2 - buffer area and application of biosolids from wastewater treatment plant	Area 1 Ascot Road North; Area 2 Greenwood Road, Mangere
9504	Wastewater purposes - pipelines, chambers and associated structures	4W Wilta Court, Mangere
9505	Water supply purposes - pump station and associated structures	58 Murphys Road, Flat Bush
9506	Water supply purposes - reservoirs, pump station and associated structures	396B, 390V and part of 394B Redoubt Road, Manukau
9507	Water supply purposes - reservoir and associated structures	477A Redoubt Road (Pt Lot 1 DP 24865 and SO 60815), Manukau
9508	Water supply purposes - reservoirs, pump stations and associated structures	38 Mill Road, Alfriston
9509	Water supply purposes - reservoir and associated structures	95 Mill Road, Alfriston
9510	Water supply purposes - pump station, reservoir and associated structures	28 Alfriston Ardmore Road, Alfriston
9511	Wastewater purposes and Ambury Regional Park	66 Wellesley Road (Ambury Regional Park), Mangere Bridge
9512	Water supply purposes - reservoir and associated structures	17A and part of 17R Gracechurch Drive, East Tamaki
9513	Water supply purposes - Ardmore Water Treatment Plant	250 Creightons Road, Clevedon
9514	Wastewater purposes - pump station and associated structures	27 Diversey Lane, Manukau Central
9515	Wastewater purposes - pump station and associated structures	51 Hillside Road, Papatoetoe
9516	Wastewater purposes - pump station and associated structures	4R and 6R Granger Road (Rangitoto View Road Esplanade Reserve), Howick
9517	Wastewater purposes - pump station and associated structures	140 and part of 100 Hospital Road, Otahuhu
9518	Wastewater purposes - pump station and associated structures	39R Wattle Farm Road, Wattle Downs
9519	Wastewater purposes - pump station and associated structures	283R Mahai Road (Pt Lot 1 DP 25887 and SO 46795), Manurewa
9520	Wastewater purposes - pump station and associated structures	51 Ben Lomond Crescent, Pakuranga Heights

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9521	Wastewater purposes - pump station and associated structures	2A Vivian Wilson Drive and part of 150 Bucklands Beach Road, Bucklands Beach
9522	Wastewater purposes - pump station and associated structures	207 and part of 201 Highbrook Drive, East Tamaki
9523	Wastewater purposes - pump station and associated structures	137 Gadsby Road and road reserve, Favona
9524	Wastewater purposes - pump station and associated structures	84R Wymondley Road and Allot 295 Parish of Manurewa (Billington Esplanade Reserve), Otara
9525	Wastewater purposes - pump Station and associated structures	103R Prince Regent Drive (Wakaaranga Creek Reserve), Half Moon Bay
9526	Wastewater purposes - pump station and associated structures	13 and 15R Milen Avenue, Pakuranga
9527	Wastewater purposes - pump station and associated structures	7D Kiwi Esplanade, Mangere Bridge
9528	Wastewater purposes - pipeline and associated structures	5 St Leger Close to 30 Matarangi Road, East Tamaki
9529	Wastewater purposes - Southwestern Interceptor	257 Roscommon Road, Manurewa to Jimmy Ward Crescent (400 George Bolt Memorial Drive), Mangere
9530	Wastewater purposes - pump station and associated structures	107 Golfand Drive (Corta Bella Place Reserve), Howick
9531	Wastewater purposes - pump station and associated structures	54R Pitt Avenue, Weymouth
9532	Wastewater purposes - pump station and associated structures	18R Hazards Road and 29R Greers Road, Weymouth
9533	Wastewater purposes - pump station and associated structures	Browns Road (unformed road reserve adjoining 257 Roscommon Road), Clendon Park
9534	Wastewater purposes - pump station and associated structures	2A and 4 Hinaiu Street, and 6R Walmsley Road (Tarata Creek Reserve), Mangere
9535	Wastewater purposes - pump station and associated structures	Te Puru Park, 954R Whitford-Maraetai Road, Maraetai
9536	Water supply purposes - reservoir and associated structures	37 Walpole Avenue, Manurewa
9537	Wastewater purposes - Beachlands Wastewater Treatment Plant	100 Okaroro Road, Beachlands
9538	Wastewater purposes -Tamaki South East Branch Sewer and wastewater pump stations	Ormiston Road (road reserve adjoining No. 123), East Tamaki to Murphys Road (road reserve adjoining No. 251), Flat Bush
9539	Wastewater purposes - Kawakawa Bay Wastewater Treatment Plant	123 Kawakawa-Orere Road, Kawakawa Bay

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9540	Water supply purposes - Hunua No. 4 Watermain	396B Redoubt Road to Mangere Bridge, Hugh Watt Drive, Mangere
9541	Water supply purposes - Cosseys Dam	Hunua Ranges
9542	Water supply purposes - Wairoa Dam	Hunua Ranges
9543	Water supply purposes - headworks service land	Hunua Ranges
9544	Wastewater purposes - Waiuku Wastewater Treatment Plant	Williams Road (Lot 1 DP 73307 and Lot 1 DP 154681), Glenbrook
9545	Wastewater purposes - Clarks Beach Wastewater Treatment Plant	Torkar Road and part of 100 Stevenson Road, Clarks Beach
9546	Wastewater purposes - Bombay Wastewater Treatment Plant	Barber Road (Lot 10 DP 134365), Bombay Township
9547	Wastewater purposes - Kingseat Wastewater Treatment Plant	16A Buchanan Road, Kingseat
9548	Water supply purposes - reservoir and associated structures	End of Totara Avenue (Rosesville Park), Pukekohe
9549	Water supply purposes - reservoirs and associated structures	176 Kitchener Road, Pukekohe
9550	Water supply purposes - Pukekohe Water Reservoir	Anzac Road (Lot 1 DP 85420), Pukekohe
9551	Water supply purposes - reservoir and associated structures	327-339 Anzac Road (Pukekohe Hill Reserve), Pukekohe
9552	Water supply purposes - reservoir and associated structures	Leaming Place (Lot 145 DP 90274 and part of Lot 415 DP 90274), Clarks Beach
9553	Water supply purposes - reservoir and associated structures	Part of 129 Wharf Road (lot 2 DP 458020), Waiau Beach
9554	Water supply purposes - reservoir and associated structures	40 Ronald Avenue (Glenbrook Beach Recreation Reserve), Glenbrook
9555	Water supply purposes - reservoir and associated structures	6 Carter Road, Pukekohe
9556	Water supply purposes - reservoir and associated structures	518 Buckland Road, Buckland
9557	Water supply purposes - reservoirs and associated structures	Corner Paparata Road and Barber Road (road reserve), and part of Sec 1 SO 66791, Bombay
9558	Water supply purposes - reservoir and associated structures	83 Victoria Avenue (Lot 2 DP 134302), Waiuku
9559	Water supply purposes - hydraulic balancing tank	Corner Rutherford Road and Runciman Road (part of Lot 1 DP 201876), Pukekohe East
9560	Water supply purposes - Hays Creek Dam	120 Hays Creek Road and 902 Hunua Road, Drury
9561	Water supply purposes - reservoir, pump station and associated structures	279 Kaipara Road, Papakura

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9562	Water supply purposes - water treatment plant and associated structures	241 Hunua Road, Drury
9563	Water supply purposes	251 Creightons Road, Ardmore
9564	Water supply purposes	Part of 2 and 9 Jones Road (corner Creighton and Jones Road), Drury
9565	Wastewater purposes - pump station and associated structures	Part of 152 and 158 Park Estate Road, Hingaia
9566	Water supply purposes - pump station and associated structures	103 Flanagan Road, Drury
9567	Wastewater purposes - Puketutu Island rehabilitation	600 Island Road (Puketutu Island), Mangere

9500 Cosseys Dam

Designation Number	9500
Requiring Authority	Watercare Services Ltd.
Location	Cosseys Road and 201 Moumoukai Hill Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 142, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water catchment headworks land.

Conditions

No conditions.

Attachments

No attachments.

9501 Headworks Service Lands (Cosseys)

Designation Number	9501
Requiring Authority	Watercare Services Ltd
Location	201 Moumoukai Hill Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 143, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - headworks service lands.

Conditions

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No conditions.

Attachments

No attachment.

9502 Mangere Wastewater Treatment Plant

Designation Number	9502
Requiring Authority	Watercare Services Ltd
Location	500 Island Road, Mangere Bridge
Rollover Designation	Yes
Legacy Reference	Designation 144A, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Mangere Wastewater Treatment Plant.

Conditions

1. Introduction

a. The Mangere Wastewater Treatment Plant ("MWTP") is an essential regional facility serving the needs of the Auckland Metropolitan area (with the exception of the North Shore). Under ARC Resource Consent No. 9610853 the MWTP is "capped" meaning that the quantity of wastewater to be discharged by the MWTP is limited to "1,209,600 cubic metres per day at a design maximum discharge rate of 25 cubic metres per second provided that the mean daily flow of treated effluent discharged over any one year period shall not exceed 390,000 cubic metres per day at a design maximum discharge rate of 25 cubic metres per second".

b. The MWTP is to be upgraded to enhance the environmental performance of the MWTP, particularly in relation to odour, to address social and cultural considerations and, as a result of population growth, to accommodate increasing volumes of wastewater requiring treatment in the region.

c. Odour problems have occurred at various times since the plant was commissioned and were the subject of legal proceedings commenced by Manukau City Council in 1993. By consent of the parties a Planning Tribunal enforcement order was issued to minimise the discharge of odours by October 1995. The order covered all major odour sources except the oxidation ponds. This work has now been successfully completed. The order requires that the MWTP be upgraded in accordance with certain resource consents obtained from the Auckland Regional Council for that purpose, and that the upgraded plant be fully operational by 1 October 2003.

d. The existing MWTP is designated for "Watercare Services Ltd: Wastewater Treatment Plant". The upgrading of the MWTP will take place within this designation ("main site"). However, two other areas of land adjacent to the existing MWTP have also been designated. Area 1A to the south of the existing MWTP has been designated "Wastewater treatment purposes" to make appropriate provision for the construction, operation and maintenance of future wastewater facilities, establishment of an odour buffer area and to allow for the application of biosolids to the land, and the use of sludge in landscaping and land forming. Area 1B to the south of the existing MWTP and Area 2 have been designated as odour buffer areas and to allow the application of biosolids to the land.

e. A number of resource consents administered by the Auckland Regional Council ("ARC") regulate the

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discharges to air, land, and water from the MWTP and regulate aspects of the upgrading works including earthworks and coastal permits. Conditions (or any subsequent modifications of these conditions) are contained in the following resource consents: 9610850 Discharge contaminants to air 9611016 Diversion of inner coastal water into the area occupied by the oxidation ponds H/10852 Dredging of seabed 9610853 Discharge of treated effluent 9610854 Discharge of stormwater 9610855 Temporary pond discharges 9610857 Divert groundwater and surface water SC10858 Sediment control 9610859 Discharge of contaminants onto and into ground These consents contain requirements for various management plans to be approved by the Auckland Regional Council. In addition, the written approval of the Council (delegated to the Director Environmental Management, Manukau City Council) is required in relation to the Coastal and Foreshore Restoration Plan and to those aspects of the Outline Management Plan which concern the Coastal and Foreshore Management Plan, or which are within the jurisdiction of Manukau City Council under the Resource Management Act 1991.

Definition of Biosolids

For the purposes of this designation, biosolids are defined as dewatered, stabilised sewage sludge that satisfies the standards of Ministry of Health document “Public Health Guidelines for the Safe Use of Sewage, Effluent and Sewage Sludge on Land — 1992”

2. Resource Management Issues

Issue 1 Wastewater needs to be managed, treated and discharged in an efficient and sustainable manner.

The social and economic well-being and the health and safety of Manukau and the Auckland Region, are dependent on the availability and efficient operation of central infrastructural services such as the MWTP. The region’s sustained population and economic growth and increasing environmental expectations require the upgrading and expansion of these services. The region has a significant capital investment in the MWTP and the expansion and upgrading of the MWTP enables efficient use to be made of those resources. The volume of wastewater to be treated and disposed of at the MWTP, could, in the future, require the establishment of new wastewater treatment plants. The Council supports continued investigation into supplementary sites for treatment plants within the region and the implementation of proposals for satellite plants.

Issue 2 The MWTP adjoins the Manukau Harbour and there is the potential that the MWTP will have adverse effects on the ecological, cultural, spiritual, recreational and landscape values of the coastal environment.

The coastal environment in the vicinity of the MWTP contains both natural and modified elements and has important ecological, cultural, spiritual, recreation and landscape values. The upgrading of the MWTP must be undertaken in a manner that maintains, and where possible, enhances these values.

Issue 3 The MWTP has the potential to generate adverse effects on the environment of the surrounding land.

The MWTP has generated adverse environmental effects on the surrounding neighbourhood, particularly in respect of nuisances caused by odour and insects. The upgraded MWTP needs to be effectively managed to ensure adverse environmental effects are avoided or mitigated.

3. Objectives and Policies

Objective 3.1

To promote the efficient use and development of the MWTP and all ancillary activities in the site. (This objective relates to issue 1).

Objective 3.2

To support the establishment of wastewater treatment facilities elsewhere in the region to supplement the facilities of the MWTP. (This objective relates to issue 1).

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Objective 3.3

To ensure that the MWTP is operated in a manner that avoids, remedies, or mitigates any actual or potential adverse effects on ecological, cultural, spiritual, recreation and landscape values of the coastal environment of the Manukau Harbour. (This objective relates to issue 2).

Objective 3.4

To maintain and enhance environmental quality and amenity values of the neighbourhood surrounding the MWTP. (This objective relates to issue 3).

Policies 3.5

- a. The operation of the MWTP is to be undertaken in a manner that does not generate any adverse effects that are more than minor on the surrounding land and the Manukau Harbour.
- b. Prior to October 2003, the MWTP is to be operated, maintained, supervised, monitored and controlled in relation to all activities undertaken on the site so that discharges of odour are maintained at the minimum practicable level. From 1 October 2003 the MWTP is to be operated in a manner that does not generate any noxious, objectional or offensive odours beyond the southern boundary of Areas 1A and 1B, the eastern boundary of Area 2, or the northern and western boundaries of the adjoining designated areas "Water Services Limited: Wastewater Treatment Plant" and designation No 153 "Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park" shown on the planning maps. From 1 October 2003, the objective will also be that the plant be operated in a manner that should enable the area required for the purpose of an odour buffer to be reduced and to remove from the odour buffer any area not reasonably required, including Ambury Farm Park and the area used for the oxidation ponds. The rules attaching to this designation would need to be changed at that time accordingly.
- c. Buildings and structures are to be designed and located and landscaping undertaken so that the visual amenity values of the surrounding neighbourhood and coastal environment are maintained and enhanced.

4. Implementation

4.1 Regulatory methods

- a. Watercare Services Limited is a requiring authority with financial responsibility for works at the MWTP and has designating rights under section 168 of the Resource Management Act. WSL has required Areas 1A, 1B and 2 be designated within the district plan. The designation is subject to a number of conditions designed to minimise the adverse environmental effects from MWTP activities. WSL has also sought that the previous designation for the existing MWTP be included in the district plan, for "Watercare Services Ltd: Wastewater Treatment Plant". Council will be responsible for implementing the rules in the district plan relating to the designation while the Auckland Regional Council will be responsible for compliance with the resource consents.

4.2 Non-regulatory methods

- a. The Council will work closely with Auckland Regional Council to ensure that the plant operates in an efficient and sustainable manner. The Council will continue to cooperate with Watercare Services Limited in promoting measures to reduce the volume of trade waste discharged into the sewerage system. Reducing the level of stormwater entering the sewerage system will continue to be actioned by the Council.

5. Anticipated Results

The anticipated environmental results are:

- a. Minor adverse environmental effects arising from wastewater treatment activities;
- b. From 1 October 2003, no offensive, objectionable or noxious odours beyond the southern boundary of Areas 1A and 1B, the eastern boundary of Area 2 or the northern and western boundaries of the main designated area "Watercare Services Limited: Wastewater Treatment Plant", and the area designated for Ambury Regional Park shown on the planning maps;
- c. From 1 October 2003, the objective will also be that the MWTP be operated in a manner that should enable the area required for the purpose of an odour buffer to be reduced and to remove from the odour buffer any area

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not reasonably required, including Ambury Farm Park and the area used for the oxidation ponds. The rules attaching to this designation would need to be changed at that time in terms of the Resource Management Act 1991.

d. That the buildings and structures associated with the MWTP will be relatively unobtrusive when viewed from the adjoining land and coastal waters;

e. The visual appearance of the MWTP will be enhanced through the comprehensive landscaping of the site; and

f. The minimisation of noise, dust and other nuisances associated with the plant.

6. Monitoring

The environmental standards now required under the ARC consents and in terms of the conditions of this designation are not able to be achieved by the current MWTP. To ensure the upgraded MWTP meets the new environmental standards the Council will undertake the following:

a. Monitor complaints about the operation of the MWTP; and

b. In conjunction with the ARC, review the results of monitoring undertaken by Watercare Services Ltd in relation to the environmental performance of the MWTP. Watercare Services Ltd will undertake monitoring of the matters set out in general condition 2 (13) (c) (i–vi) of the ARC consents which states that the Consent Holder shall complete and comply with a Monitoring Management Plan which shall stipulate the precise technical details of monitoring programmes.

7.0 Provisions for the Main Site

7.1 Explanatory statement

The designation for the main site covers an area of approximately 725 hectares, comprising 500 hectares of oxidation ponds, 195 hectares of Mangere Sludge lagoons and existing MWTP site, and 21 hectares covering Oruarangi Creek. The provisions of this designation are intended to provide for the works associated with the upgrading, ongoing operation and modification of the MWTP, as authorised by the resource consents obtained from the ARC, while providing an appropriate degree of protection to surrounding activities and ensuring that development is consistent with the surrounding environment. The rules in this plan attaching to this designation complement the conditions of the ARC consents and the Council will take the ARC conditions into account.

7.2 Activities

Rule 7.2.1 Permitted Activities

The following activities shall be permitted activities, provided they meet the Development Standards in Rule 7.5, and provided that activity (h) shall be subject to 7.5.6, 7.5.7, 7.5.8, and 7.5.11 Development Standards, and activity (i) shall be subject to 7.5.11 Development Standard only:

a. Wastewater treatment plant processes and ancillary activities;

b. Laboratories ancillary to the MWTP;

c. Administrative offices ancillary to the MWTP;

d. Workshop and parts storage ancillary to the MWTP;

e. Staff and visitor amenities including carparking;

f. Depositing of earth and biosolids to land;

g. Deposition of sludge and biosolids to landfills;

h. Earthworks in accordance with the requirements of the Auckland Regional Council; and

i. Temporary offices, storage sheds, builders workshops, scaffolding, and other similar buildings and activities which are associated with the upgrading, ongoing operation and modification of the MWTP provided that buildings and structures directly associated with the upgrade of the plant must be removed by October 2006 or such later date as approved in writing by the Director Environmental Management, Manukau City Council.

Rule 7.2.2 Controlled Activities

All Controlled Activities shall comply with Development Standards in Rule 7.5. Buildings exceeding 10m but not more than 15m in height (refer rule 7.5.1).

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Rule 7.2.3 Restricted Discretionary Activities

The following activities shall be restricted discretionary activities:

- a. Buildings exceeding 15m but not more than 25m in height;
- b. The sale of biosolids produced by the MWTP; and
- c. Any permitted or controlled activity which fails to meet the Development Standards in Rule 7.5. Unless special circumstances exist a resource consent for restricted discretionary activities as listed in Rule 7.2.3 need not be publicly notified, and the written approval of affected persons need not be obtained.

7.3 Assessment criteria for Controlled Activities

When assessing a building higher than 10m but not exceeding 15m the Council shall have regard to the following matters and may impose conditions in respect of these:

- a. Landscape design, screening and site layout should ensure that the adverse effects of the MWTP on the amenity values of the surrounding area are minimised;
- b. Design and external appearance of buildings should relate to the character of the locality, i.e. the coastal environment and its amenity values; and
- c. The visual effects of the MWTP buildings with respect to views from the coastal environment and views from public places such as roads and public open space shall be avoided, remedied, or mitigated as far as practicable.

7.4 Assessment criteria for Restricted Discretionary Activities

When assessing any restricted discretionary activity the Council shall have regard to the following matters:

- a. The objectives and policies for the designation.
- b. As a general guide, buildings should be recessive features and should not dominate the natural landscape particularly when viewed from the Manukau Harbour and coastal edge and when viewed from public places such as roads and public open spaces.
- c. The extent to which the design, external appearance and colour of buildings and other methods (such as the construction of buildings underground) will facilitate the integration of the buildings into the landscape so that they are not dominant features in the landscape.
- d. The proposed landscaping and the extent to which it will screen and soften the visual impact of buildings and development on the site from all views.
- e. Without limiting the generality of the foregoing, regard shall be had to the extent to which landscaping within the site itself will diminish the visual impact of buildings and development on the site and/or their combined mass on views from elevated locations, so that the buildings are recessive features in the landscape.
- f. The extent to which the presence and visual effects of the proposed buildings would adversely affect the relationship of Māori and their culture and tradition with their ancestral lands, water, sites, waahi tapu, and other taonga, including effects on cultural landscape views.
- g. The extent to which the building or activity will promote the maintenance or enhancement of the amenity values of the coastal environment. • Whether the activity will have adverse effects on public places, waahi tapu, or archaeological sites.
- h. The extent to which the proposed building promotes efficient use and development of the MWTP having regard to the functional purpose of the proposed building or the operational management of the existing MWTP; and
- i. Whether the proposed hours of operation has the potential to create a noise nuisance to local residents. As a guide additional controls may be placed on activities, including servicing and deliveries, that operate between the hours of 10.00 pm and 7.00 am. Conditions may be imposed as part of any resource consent.

7.5 Development standards — Permitted and Controlled Activities

Rule 7.5.1 Maximum Height

The maximum permitted height for buildings and structures shall be 10m, except that this limit shall not apply to silos, stacks, cranes, lift towers or machinery rooms. The maximum permitted height for silos, lift towers and machinery rooms shall not exceed 15m, and the maximum height for stacks and permanently installed cranes shall not exceed 25m.

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Explanation:

Buildings, particularly larger buildings have the potential to detract from the amenity values of the surrounding area. The maximum height control will protect visual amenity values of the adjoining land and the Manukau Harbour from intrusive building developments. In the longer term there may be a need to erect buildings higher than 10m and provision has been made for this outcome through the resource consent process in terms of the rules of this designation.

Rule 7.5.2 Yards

Front Yard — 15m No buildings or carparking areas shall be established within this yard The yard shall be landscaped in accordance with Rule 7.5.4.

Explanation:

The 15m yard along Greenwood Road will provide an adequate separation distance between the MWTP and adjoining uses to the east.

Rule 7.5.3 Depositing of Matured Sludge and Biosolids

a. Depositing of matured sludge

Matured sludge applied to land shall be confined to matured, dried sludge, excavated from the drying beds. With the exception of the approved landfills, sludge deposition shall not include any sludge obtained from the oxidation ponds.

b. Depositing of biosolids

The depositing of biosolids to land (other than approved landfills) shall be undertaken in accordance with the Ministry of Health document “Public Health Guidelines for the safe use of sewage, effluent and sewage sludge on land (1992)” or any amendment to or replacement for those guidelines. Depositing of biosolids to approved landfills shall be undertaken in accordance with the requirements of the ARC consents.

Explanation:

The operator may deposit, within the site, some of the matured sludge in the drying beds. As the matured sludge is a contaminant, the application of the matured sludge is subject to Discharge Permit 9610859 issued by the ARC which approves certain landfills for this purpose. The depositing of biosolids is also subject to the same discharge permit.

Rule 7.5.4 Landscaping

The site shall be landscaped in accordance with the provisions of the Coastal and Foreshore Restoration Plan, prepared in accordance with Coastal Permit 9610851. Without limiting the generality of the foregoing, trees to be used for landscaping purposes shall be a combination of native and exotic species which, within 10 years, are capable of forming an effective screen at varying heights up to 15m with the largest specimens reaching 20–25m above natural ground level within 20 years. For the purposes of consistency, exotic species which are currently found on site and/or in the near vicinity (for example pines, gums and macrocarpa trees) should be used. Native trees of a height more than 6m shall be retained but may be transplanted where practicable provided that transplanting shall be undertaken with sound arboricultural practices. Where retention or relocation is not practicable, any native tree of a height more than 6m which is removed shall be replaced by a native tree of similar height within the site as part of the overall landscaping undertaken. The removal of the pine tree shelter belts may be undertaken at such time as effective screening of the plant is provided by other trees and plants on the site. The landscaping shall be properly maintained at all times and in accordance with sound landscaping practice.

Explanation:

Exotic species are promoted in the early stages of landscaping to provide the initial screening of the MWTP and related buildings. While native trees are preferred for their ecological value it is recognised that exotic species because of their speed of growth relative to native species will ensure that over a relatively quick period of time

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large trees will have the effect of softening buildings up to 15m in height. Also the screening ability of many native trees is not always as effective as some of the exotic species so a mixture of both will ensure effective screening from a height perspective and an area perspective is achieved. Once the native trees have reached heights where they effectively screen buildings then provision is made for the shelter belts to be removed. Every precaution is to be taken to protect existing native trees and the shelter belts in order to maintain the visual screening of the Wastewater Treatment Plant and related buildings.

Rule 7.5.5 Design and External Appearance of Buildings

All new buildings and structures shall be designed and finished in a manner that is deemed to be visually recessive by a suitable expert.

Explanation:

This rule is to encourage sensitive design and to ensure that buildings are finished in recessive colours that do not detract from the amenity values of the surrounding areas and coastal waters. Details of the design and finish of the proposed buildings and structures will be submitted to the Council at the same time as an outline plan of works.

Rule 7.5.6 Submission Of An Outline Plan Of Works

Before commencing any construction activity on the designated land, an Outline Plan of Works shall be submitted to the Council for its consideration and approval. No construction work shall be commenced until the Outline Plan of Works is approved pursuant to section 176A of the Resource Management Amendment Act 1993. The outline plan of works must show the height, shape and bulk of the work, its location on the site, the likely finished contour of the site, vehicular access, circulation and the provision for parking, the landscaping proposed, and any other matters to avoid, remedy, or mitigate any adverse effects on the environment (pursuant to section 176A, Resource Management Amendment Act 1993).

Explanation:

The designation only indicates in broad terms the nature of activities to be undertaken within the designated land. This rule provides the Council with prior notice of the detailed nature of any works proposed within the designated land and the ability to control any adverse effects of those works or project.

Rule 7.5.7 Dust

That beyond the southern boundary of Area 1A and 1B, the eastern boundary of Area 2 and the Main Site, there shall be no dust caused by discharges from the site which are noxious, dangerous, offensive or objectionable.

Explanation:

Activities that generate dust have the potential to create significant adverse health effects and nuisance conditions. This rule ensures that there are adequate means to identify a dust nuisance so that remedial action can be taken to the satisfaction of Council.

Rule 7.5.8 Movement Of Materials

All earth, sludge and biosolids being transported on public roads to and from the site shall be contained to prevent the release of particulate material into the environment.

Explanation:

Large quantities of biosolids are to be removed from the MWTP each day. In addition, other materials which could contribute to dust nuisance will be delivered and removed from the site. The above rule is designed to avoid any adverse effects from particulate materials being lost from vehicles.

Rule 7.5.9 Noise

a. Any additions to the MWTP shall be so designed and the use of the buildings and site shall be so conducted, that the noise level does not exceed the limits set out below:

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i. When measured at, or within, the boundary of any site zoned Residential or the notional boundary of any site zoned Mangere Puhinui Rural, (as at the date the district plan became operative) which is located beyond the boundary shown on Figure 5.6 attached to this designation. (The notional boundary is a line 20m from the facade of any rural dwelling or the legal boundary where this is closer to the dwelling.)

Day/Time	Noise Level (L10dBA)
At all times	50
At all other times including Sundays and public holidays	45

ii. When measured at or within the boundary of any site zoned Business.

Day/Time	Noise Level (L10dBA)
At all times	60

Lmax 65 dBA (or background plus 30 dBA, whichever is lower) shall apply between the houses of 2200–0700, seven days a week.

b. The noise levels shall be measured and assessed in accordance with NZS 6801: 1991 “Measurement of Sound” and NZ 6802: 1991 “Assessment of Environmental Sound”.

c. Any construction noise (as defined in Section 2 of the Construction Act 1959) emanating from the site shall comply with the requirements of NZS 6803P:1984 “The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work”.

d. Prior to the commencement of any new activities, the applicant shall provide Council with a certificate from a qualified Acoustic Engineer demonstrating that the above performance standards will be met.

e. Notwithstanding the noise standards above, the Council reserves the power conferred on it under the relevant sections of the Resource Management Act 1991, to control any noise which contravenes the provisions of the abovementioned Act.

Explanation

The noise standards above are similar to those that apply to activities in the Business zones. During the construction period from 1997–2003 noise levels will exceed those specified in clause (a) above, but will be below the daytime construction noise limit of 75dBA set out in NZS 6803P: 1984 “The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work”.

Rule 7.5.10 Odour

Up to and including 1 October 2003, The MWTP is to be operated, maintained, supervised, monitored and controlled in relation to all activities undertaken on the site so that discharges of odour are maintained at a minimum practicable level. From 1 October 2003 there shall be no discharge of a noxious, offensive or objectionable odour arising from within Areas 1A, 1B or 2 beyond the southern boundary of Area 1A and 1B and the eastern boundary of Area 2 (as shown on Figure 5.8), or the northern and western boundaries of the Main Site designated as “Watercare Services Limited: Wastewater Treatment Plant” and designation No. 153: “Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park”, as shown on Figure 5.6.

Rule 7.5.11 Stormwater Drainage

a. Adequate provision is to be made for the protection and/or redirection of any existing stormwater overland flowpaths within the site, which are affected by the upgrading works. All proposed works shall be undertaken prior to the commencement of the activity, in accordance with Council’s engineering performance standards, and at no cost to the Council.

b. In order to protect these stormwater overland flowpaths a ‘right to drain water’ easement in favour of the

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Council is to be placed over the final defined overland flowpaths prior to commencement of the activity and at no cost to Council. Any easement will need to be defined by a registered surveyor, to be arranged by the applicant, and the subsequent easement documents prepared by the City Solicitor at the applicant's expense. The easement documents will need to include a provision that no buildings, structures, fences or filling be placed in the easement area or other works carried out thereon, except with specific Council approval and that the level and profile of the overland flowpath is to remain unchanged thereafter. The easement documents will also need to include plans showing levels in terms of DOSLI datum, a suitably located datum mark and boundary dimensions for the proposed easement.

c. Minimum floor level restrictions may be required adjoining overland flowpaths and at no cost to Council prior to commencement of the activity.

d. Conditions (a), (b) and (c) require compliance through the submission of full engineering plans to the Council for its approval at the time an Outline Plan of Works is submitted to the Council and the completion of all works prior to commencement of the activity.

Explanation:

The above rule will ensure that no stormwater problems are generated by the proposed upgrading.

Rule 7.5.12 Roothing

Access to Puketutu Island shall be retained at all times, including during the upgrading of the MWTP.

Rule 7.5.13 Business Development Reserve Contributions

7.5.13.1

All development authorised by this designation, other than Project Manukau, in excess of \$250,000 and proposed to be used solely or principally for administrative, commercial or industrial purposes, or any two or more such purposes, may be subject to a reserve contribution calculated at a rate of not more than 0.5% of the assessed value of the development, provided that:

7.5.13.2

a. The amount of reserve contribution required under this clause may be reduced at the Council's discretion, pursuant to an application for a restricted discretionary activity resource consent. In considering an application under this provision, the Council shall have regard to the following matters:

- i. the extent to which the development generates an overall positive environmental effect or has no additional adverse environmental effects;
- ii. the extent to which the development adversely affects the environment;
- iii. the extent to which any facility (land or works) provided by WSL benefit the public and are visible and/or accessible to the public;
- iv. the extent of any restrictions on public access to the nominated facilities/areas provided by WSL;
- v. the cost to WSL of providing the nominated facilities/areas for public amenity and use; and (vi) the extent to which WSL makes provision for public open space. (b) Unless special circumstances exist, any resource consent application made pursuant to 7.5.13.2(a) above shall not be notified and the written approval of affected parties need not be obtained.

7.5.13.3

WSL will pay the reserve contribution of 0.5%, or such lesser amount (if any) as may be required by the Council pursuant to 7.5.13.2(a) above, by a cash payment to the Council of 0.15% or, if the reserve contribution is assessed as being less than 0.15%, then such lesser amount; and

- i. by deducting the remaining reserve contribution (if any) from the Credit, until such time as the Credit is exhausted; and/or
- ii. if the Council agrees, transferring land to the Council of an equivalent value to the whole or part of the remaining reserve contribution.

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7.5.13.4

The Council shall maintain a record of WSL's current financial contribution credit (Credit). The value of the Credit shall be \$835,000, as at 10 August 2001, and arises from WSL's commitment to undertake the works set out below. The difference between the Credit and the Agreed Value of the following works is the agreed amount of reserve contribution for development occurring under Project Manukau.

a. Visitor facilities including (parking, lookouts, hides, signs & planting) \$316,000

Pathways, board walks, bridges and associated planning \$455,000

Roads and fencing (access roads, cycle tracks, fencing & planting) \$334,000

Oruarangi Landing including boat ramp \$550,000

Community Involvement (preparation nursery etc) \$80,000

Total \$1,735,000

(Less allowance for planting) \$135,000

Agreed value \$1,600,000 (the Works' Areas)

b. The Credit will be extinguished in 20 years from 10 August 2001 or when it is exhausted in terms of rule 7.5.13.3, whichever event occurs first.

Provided that: During the hours of daylight, the public is to be provided with access to any of the Works' Areas in respect of which the Credit has been calculated. In the event that access to any Works' Area is denied, the Council shall reduce the credit attributed to that Works' Area as set out in rule 7.5.13.4(a). This proviso is subject to WSL or its agents temporarily restricting public access where that is necessary for safety or operational reasons.

Provided Further that: If any of the works described in rule 7.5.13.4(a) do not occur, the Council shall reduce the Credit attributed to that work.

Provided Further that: The calculation of the Credit took into account all Project Manukau works, including those specified in the schedule in rule 7.5.13.4(a) and, for the avoidance of doubt, none of those works shall be assessed under Rule 7.5.13.1.

Explanation:

As at 10 August 2001, the Council and WSL agreed that a reserve contribution of \$765,000 was payable on the works undertaken as part of Project Manukau. That reserve contribution will be met by the provision of the works set out in rule 7.5.13.4(a). The difference between the Agreed Value of those works and the reserve contribution required as at 10 August 2001 is the Credit.

7.5.13.5

Upon the Credit being extinguished in terms of rule 7.5.13.3, WSL shall continue to pay a reserve contribution of 0.5%, or such lesser amount (if any) as may be required by the Council pursuant to 7.5.13.2(a) above.

7.5.13.6

The reserve contribution shall become due and payable upon the occurrence of any of the following events as may be appropriate to the proposed development provided that if more than one of the following events applies, the contribution shall be paid on the event which occurs first:

a. The issuance of a building consent for proposed works;

b. The commencement of proposed works.

Explanation:

All development is liable to the payment of reserve contributions in order to offset the adverse effects of development on the environment which includes the community. Generally, the Business Development Reserve Contribution rule ensures that businesses that have not previously had to pay reserve contributions on subdivision and yet intensify the development on their site, are able to be levied for a contribution to offset the

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effects of the business on the environment. It is the intention of WSL and the Council that the Credit will be exhausted within 20 years. If the Credit is not exhausted within the life of this Plan, it is WSL's intention to carry this rule in WSL's designation into any new district plan while still retaining the 20 year cut off proposal. It is accepted by both the Council and WSL that this rule and therefore the agreed Credit may change as a result of public participation in the formulation of any new district plan. The rule contains an element of discretion as to how much reserve contribution may be payable in order to promote the opportunity for the recognition of facilities or works WSL may provide which contribute to public open space purposes and to recognise that some aspects of the development might have little or no adverse effects (eg the replacement of underground pipes). In applying the threshold limit of \$250,000, WSL shall consider whether the proposed works are part of a series of scheduled works that cumulatively total more than \$250,000, and whether it would be more appropriate to seek approval for all the proposed or scheduled works at the same time and pay a financial contribution on the total value of those works.

Rule 7.5.14 Coastal And Foreshore Restoration Management Plan (CFRP)

- a. The Requiring Authority shall complete and comply with a Coastal and Foreshore Restoration Plan (CFRP) for the area shown on Figure 5.7.
- b. The CFRP shall be completed and submitted to the Director Environmental Management, Manukau City Council for approval not later than December 1998 or such later date as approved in writing by the Director, and any changes required by the Director shall be incorporated in the CFRP upon request.
- c. The CFRP shall be fully implemented not later than 1 October 2006.
- d. The CFRP shall provide for the matters described in Special Condition 6 of the Auckland Regional Council resource consent number 9610851.

Explanation:

Such a plan has been seen in the context of the ARC consents as a suitable method to achieve an integrated approach on the part of both the ARC and Manukau City Council.

Attachments

Figure 5.6 - Odour Boundary and Wastewater Treatment Plant Site

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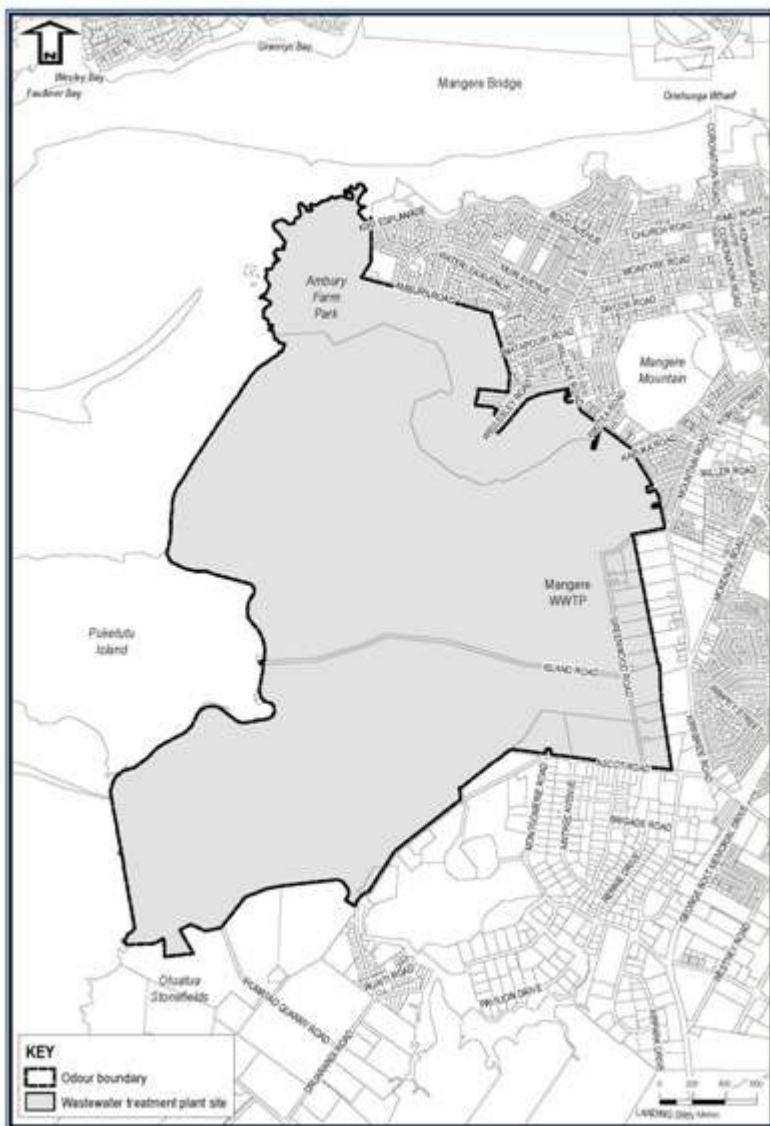
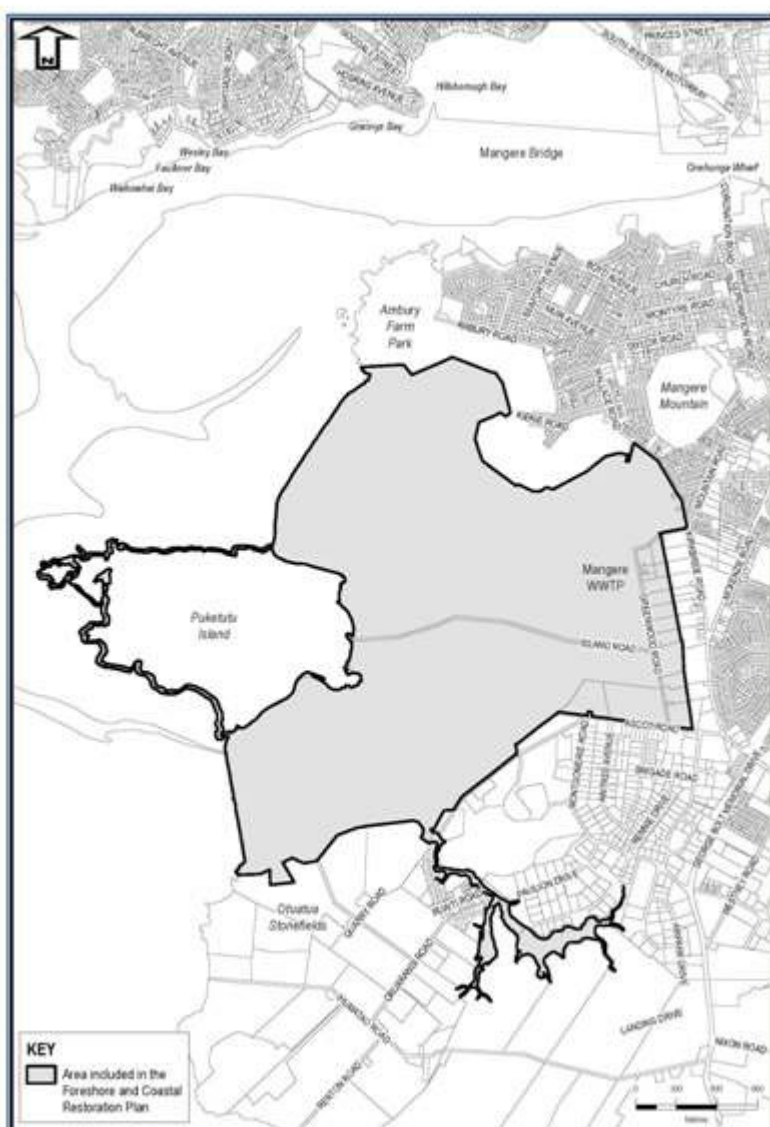


Figure 5.7 - Area Included in the Foreshore and Coastal Restoration Plan

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9503 Odour Buffer Area - Mangere Wastewater Treatment Plant

Designation Number	9503
Requiring Authority	Watercare Services Ltd
Location	Area 1: Ascot Road North, Area 2: Greenwood Road, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 144B, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Area 1A - Wastewater Treatment Purposes.

Area 1B - Odour Buffer Area and Application of Biosolids from the Wastewater Treatment Plant.

Area 2 - Odour Buffer Area and Application of Biosolids from the Wastewater Treatment Plant.

Conditions

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1.0 Introduction

The Mangere Wastewater Treatment Plant ("MWTP") is an essential regional facility serving the needs of the Auckland Metropolitan area (with the exception of the North Shore). The MWTP currently (1996) services 750,000 persons plus associated commercial and industrial waste producers and treats an average of 300,000m³ of wastewater per day. The MWTP is to be upgraded to enhance the environmental performance of the MWTP, particularly in relation to odour, to address social and cultural considerations and, as a result of population growth, to accommodate increasing volumes of wastewater requiring treatment in the region.

Odour problems have occurred at various times since the plant was commissioned and were the subject of legal proceedings commenced by Manukau City Council in 1993. By consent of the parties a Planning Tribunal enforcement order was issued to minimise the discharge of odours by October 1995. The order covered all major odour sources except the oxidation ponds. This work has now been successfully completed. The order also sets in place a timetable for obtaining resource consents for a new or reconstructed plant by the year 2000.

The existing MWTP is designated for "drainage purposes". The expansion of the MWTP includes two main areas of land adjacent to the existing plant, as shown on figure 5.8. Area 1A to the south of the existing MWTP has been designated "wastewater treatment purposes" to make appropriate provision for the construction, operation and maintenance of future wastewater facilities, establishment of an odour buffer area and to allow for the application of biosolids to the land, and the use of sludge in landscaping and land forming. Area 1B to the south of the existing MWTP and Area 2 to the east of the existing MWTP have been designated as odour buffer areas and to allow for the application of biosolids to the land.

A number of resource consents administered by the Auckland Regional Council (ARC) regulate the discharges to air, land, and water from the MWTP and regulate aspects of the upgrading works including earthworks and coastal permits. Conditions (or any subsequent modifications of these conditions) are contained in the following resource consents:

9610850 Discharge contaminants to air
9611016 Diversion of inner coastal water into the area occupied by the oxidation ponds
H/10852 Dredging of seabed
9610853 Discharge of treated effluent
9610854 Discharge of stormwater
9610855 Temporary pond discharges
9610857 Divert groundwater and surface water
9610858 Sediment control
9610859 Discharge of contaminants onto and into ground Definition of biosolids

For the purposes of this designation, biosolids are defined as dewatered, stabilised sewage sludge that satisfies the standards of the Ministry of Health document "Public Health Guidelines for the Safe Use of Sewage, Effluent and Sewage Sludge on Land – 1992" relating to limits for heavy metals and the USEPA Class B Pathogen levels, or any subsequent amendment to or replacement of the document.

2.0 Resource Management Issues

Issue 1 Wastewater needs to be managed, treated and discharged in an efficient and sustainable manner.

The social and economic wellbeing and the health and safety of Manukau and the Auckland Region, are dependent on the availability and efficient operation of central infrastructural services such as the MWTP. The region's sustained population and economic growth and increasing environmental expectations require the upgrading and expansion of these services. The region has a significant capital investment in the MWTP and the expansion and upgrading of the MWTP enables efficient use to be made of those resources. The volume of wastewater to be treated and disposed of at the MWTP, could, in the future, require the establishment of new wastewater treatment plants. The Council supports continued investigation into supplementary sites for

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treatment plants within the region and the implementation of proposals for satellite plants.

Issue 2 The MWTP adjoins the Manukau Harbour and there is the potential that the MWTP will have adverse effects on the ecological, cultural, spiritual, recreational and landscape values of the coastal environment.

The coastal environment in the vicinity of the MWTP contains both natural and modified elements and has important ecological, cultural, spiritual, recreation and landscape values. The upgrading of the MWTP must be undertaken in a manner that maintains, and where possible, enhances these values.

Issue 3 The MWTP has the potential to generate adverse effects on the environment of the surrounding land.

The MWTP has generated adverse environmental effects on the surrounding neighbourhood, particularly in respect of nuisances caused by odour and insects. The upgraded MWTP needs to be effectively managed to ensure adverse environmental effects are avoided or mitigated.

3.0 Objectives and Policies

Objective 3.1

To promote the efficient use and development of the MWTP and all ancillary activities on the site. (This objective relates to issue 1).

Objective 3.2

To support the establishment of wastewater treatment facilities elsewhere in the region to supplement the facilities of the MWTP. (This objective relates to issue 1).

Objective 3.3

To ensure that the MWTP is operated in a manner that avoids, remedies or mitigates any actual or potential adverse effects on the ecological cultural, spiritual, recreation and landscape values of the coastal environment of the Manukau Harbour (This objective relates to issue 2).

Objective 3.4

To maintain and enhance environmental quality and amenity values of the neighbourhood surrounding the MWTP (This objective relates to issue 3).

Policies 3.5

a. The operation of the wastewater treatment plant is to be undertaken in a manner that does not generate any adverse effects that are more than minor on the surrounding land and the Manukau Harbour.

b. The plant is to be operated, in a manner that does not generate any noxious, objectionable or offensive odours beyond the southern boundary of Areas 1A and 1B, the eastern boundary of Area 2, or the outer boundaries of the adjoining designated areas "Water Services Limited: Wastewater Treatment Plant" and designation No 153 "Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park" shown on the planning maps. From 2003, the objective is that the plant be operated in a manner that will enable the area required for the purpose of an odour buffer to be reduced and to remove from the odour buffer any area not reasonably required, including Ambury Farm Park and the area used for the oxidation ponds. The rules attaching to this designation would need to be changed at that time accordingly.

c. Buildings and structures are to be designed and located and landscaping undertaken so that the visual amenity values of the surrounding neighbourhood and coastal environment are maintained and enhanced.

4.0 Implementation

4.1 Regulatory Methods

Watercare Services Limited (WSL) is a requiring authority with financial responsibility for works at the MWTP

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and has designating rights under section 168 of the Resource Management Act. WSL has required Areas 1A, 1B and 2 be designated within the district plan. The designation is subject to a number of conditions designed to minimise the adverse environmental effects from MWTP activities. Council will be responsible for implementing the rules in the district plan relating to the designation while the Auckland Regional Council will be responsible for compliance with the resource consents.

4.2 Non-regulatory methods

The Council will work closely with Auckland Regional Council to ensure that the plant operates in an efficient and sustainable manner. The Council will continue to collocate with Watercare Services Limited in promoting measures to reduce the volume of trade waste discharged into the sewerage system. Reducing the level of stormwater entering the sewerage system will continue to be actioned by the Council.

5.0 Anticipated Environmental Results

The anticipated environmental results are:

- a. Minor adverse environmental effects arising from wastewater treatment activities;
- b. No offensive, objectionable or noxious odours beyond the southern boundary of Areas 1A and 1B, the eastern boundary of Area 2 or the outer boundaries of the adjoining designated areas "Watercare Services Limited: Wastewater Treatment Plant", and "Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park" as shown on the planning maps;
- c. From 2003, the objective is that the plant be operated in a manner that will enable the area required for the purpose of an odour buffer to be reduced and to remove from the odour buffer any area not reasonably required, including Ambury Farm Park and the area used for the oxidation ponds. The rules attaching to this designation would need to be changed at that time accordingly;
- e. That the buildings and structures associated with the MWTP will be relatively unobtrusive when viewed from the adjoining land and coastal waters;
- f. The visual appearance of the plant will be enhanced through the comprehensive landscaping of the site; and
- g. The minimisation of noise, dust and other nuisances associated with the plant.

6.0 Monitoring

The environmental standards now required are not able to be achieved by the current plant. To ensure the upgraded MWTP meets the new environmental standards the Council will undertake the following:

- a. Monitor complaints about the operation of the MWTP; and
- b. In conjunction with the ARC, monitor the environmental performance of the plant.

7.0 Provisions For Area 1

7.1 Explanatory Statement

Area 1 comprises 18 ha. Part of this area remains undeveloped (Area 1A) and part has been developed for intensive horticultural activity (Area 1B), as shown on Figure 1. In order to recognise the existing land use activities, different provisions apply to Area 1A and Area 1B. Within Area 1A, a number of wastewater treatment processes and ancillary activities are proposed to be established and an odour buffer area maintained. Within Area 1B an odour buffer area will be maintained and biosolids applied to land. This will allow the existing horticultural activities to continue. Special conditions and restrictions are set out for Areas 1A and 1B for the future protection of the neighbourhood and the coastal environment. Watercare Services Limited has a number of consents from the ARC covering aspects of the upgrading and discharges. The rules in this plan complement the conditions of the ARC consents and the Council will take the ARC conditions into account.

7.2 Activities

7.2.1 Permitted Activities

All permitted activities shall comply with Development Standards in Rule 7.5

The following activities shall be permitted activities for Area 1A on Part Allotment 83, Parish of Manurewa and a portion of Part Lot 1 DP 43557:

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- a. Wastewater treatment plant processes and ancillary activities;
- b. Laboratories ancillary to the treatment plant;
- c. Administrative offices ancillary to the treatment plant;
- d. Workshop and parts storage ancillary to the treatment plant;
- e. Staff and visitor amenities including carparking;
- f. Depositing of no more than 50,000m³ of matured sludge (excluding sludge from the oxidation ponds) to land;
- g. Application of biosolids to land.

The following activities shall be permitted activities for Area 1B on a portion of Part Lot 1 DP 43557 and Lot 1 DP 49323:

- a. Deposition of biosolids.

Rule 7.2.2 Controlled Activities

All Controlled Activities shall comply with Development Standards in Rule 7.5.

The following activities shall be controlled activities for Area 1A on Part Allotment 83, Parish of Manurewa and a portion of Part Lot 1 DP 43557:

- a. Buildings exceeding 10m but not more than 15m in height (refer rule 7.5.1).
- b. Depositing in excess of 50,000m³ but not exceeding more than 100,000 m³ of matured sludge (excluding sludge from oxidation ponds) to land.

Rule 7.2.3 Restricted Discretionary Activities

The following activities shall be restricted discretionary activities for Area 1A on Part Allotment 83, Parish of Manurewa and a portion of Part Lot 1 DP 43557:

- a. Buildings exceeding 15m but not more than 25m in height.
- b. Any permitted or controlled activity which fails to meet the Development Standards in rule 7.5.

7.2.3.1

Unless special circumstances exist a resource consent for restricted discretionary activities need not be publicly notified.

7.3 Assessment Criteria for Controlled Activities

7.3.1 When assessing a building higher than 10m but not exceeding 15m the Council shall have regard to the following matters and may impose conditions in respect of these:

- a. Landscape design, screening and site layout should ensure the effects of the MWTP are internalised within the site and adverse effects on the amenity values of the area are minimised;
- b. Design and external appearance of buildings should relate to the character of the locality, i.e. the coastal environment and its amenity values; and
- c. The visual effects of the MWTP buildings with respect to views from the coastal environment and views from public places such as roads and public open space shall be avoided, remedied, or mitigated as far as practicable.

7.3.2

When assessing the deposition of more than 50,000m³ but not exceeding 100,000m³ of matured sludge to land, the Council shall have regard to the following matters and may impose conditions in respect of these:

- a. The visual effects of the deposition of sludge shall be avoided, remedied or mitigated; and
- b. The works shall be designed and undertaken so as to ensure that no damage or nuisance is caused to adjacent or adjoining lots.

7.4 Assessment Criteria for Restricted Discretionary Activities

When assessing any restricted discretionary activity the Council shall have regard to the following matters:

- a. The objectives and policies for the designation;

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- b. As a general guide, buildings should be recessive features and should not dominate the natural landscape particularly when viewed from the Manukau Harbour and coastal edge and when viewed from public places such as roads and public open spaces;
- c. The extent to which the design, external appearance and colour of buildings and other methods (such as the construction of buildings underground) will facilitate the integration of the buildings into the landscape so that they are not dominant features in the landscape;
- d. The proposed landscaping and the extent to which it will screen and soften the visual impact of buildings and development on the site from all views;
- e. Without limiting the generality of the foregoing, regard shall be had to the extent to which landscaping within the site itself will diminish the visual impact of buildings and development on the site and/or their combined mass on views from elevated locations, so that the buildings are recessive features in the landscape;
- f. The extent to which the presence and visual effects of the proposed buildings would adversely affect the relationship of Māori and their culture and tradition with their ancestral lands, water, sites, waahi tapu, and other taonga, including effects on cultural landscape views;
- g. The extent to which the building or activity will promote the maintenance or enhancement of the amenity values of the coastal environment; and
- h. Whether the activity will have adverse effects on public places, waahi tapu, or archaeological sites.

Conditions may be imposed as part of any resource consent.

7.5 Development standards — Permitted and Controlled Activities

Rule 7.5.1 Maximum Height

The maximum permitted height for buildings and structures shall be 10m, except that this height limit shall not apply to silos, stacks, cranes, lift towers or machinery rooms. The maximum permitted height for silos, lift towers and machinery rooms shall not exceed 15m, and the maximum height for stacks and permanently installed cranes shall not exceed 25m.

Explanation:

Buildings, particularly larger buildings have the potential to detract from the amenity values of the surrounding area. The maximum height control will protect visual amenity values of the adjoining land and the Manukau Harbour from intrusive building developments. In the longer term there may be a need to erect buildings higher than 10m and provision has been made for this outcome through the resource consent process in terms of the rules of this designation.

Rule 7.5.2 Yards

Front Yard — 20m No buildings or carparking areas shall be established within this yard except for the provision of a vehicular accessway to Ascot Road. The yard shall be landscaped in accordance with Rule 7.5.4.

Explanation:

The 20m yard along Ascot Road and Greenwood Road (as far north as Island Road) will provide an adequate separation distance between the sewage treatment facilities and adjoining uses to the south and east.

Rule 7.5.3 Depositing of Matured Sludge and Biosolids

a. Depositing of matured sludge

Matured sludge shall be confined to matured, dried sludge, excavated from the drying beds. It shall not include any sludge obtained from the oxidation ponds.

b. Depositing of biosolids

The depositing of biosolids shall be undertaken in accordance with the Ministry of Health document “Public Health Guidelines for the safe use of Sewage, Effluent and Sewage, Sludge on Land (1992)” or any amendment to or replacement for those guidelines.

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c. Application of matured sludge

All matured sludge shall only be applied to the area of the mound as generally illustrated on the landscaping plan entitled "Landscape Development Plan" Ref 679 LDP July 1996.

d. Stabilisation details of the mound

The detailed design of the mound shall be assessed by the Council when Watercare lodge an outline plan of works with the Council.

e. Traffic movement

All vehicles transporting matured sludge and biosolids to Area 1A or biosolids to Area 1B shall not use any public roads except Island Road.

f. Surface rehabilitation

When the capping layer containing a suitable amount of topsoil has been applied to the mound, it shall be grassed immediately and continuously maintained and irrigated thereafter.

g. Siltation controls

Works shall be undertaken so that all drainage from the mound will drain into Area 1A and become part of the site's stormwater system.

h. For works within 20m of the southern or eastern boundary of Area 1A, and for Area 1B a landscape plan and planting schedule shall be prepared prior to the depositing of any matured sludge for implementation following completion of those works.

Rule 7.5.4 Landscaping

Prior to the commencement of any permitted activities within Area 1A and 1B, other than the deposition of biosolids, landscaping along Ascot Road as far west as Aintree Avenue and along Greenwood Road as far north as Island Road shall be undertaken, completed and maintained in accordance with the Landscape Development Plan Reference 679 LDP2 November 1997 (LDP). The trees to be used for landscaping purposes shall be a combination of native and exotic species which, within 10 years, will form an effective screen at varying heights up to 15m with the largest specimens reaching 20–25m above natural ground level within 20 years. For the purposes of consistency, exotic species which are currently found on site and/or in the near vicinity (for example pines, gums and macrocarpa trees) should be used.

The following existing exotic and native trees shall be retained:

- a. Shelter belt adjoining Ascot Road to the south of Areas 1A and 1B;
- b. Shelter belt to the west of Area 1B;
- c. Totara tree, item (a) on the LDP;
- e. Cabbage tree, item (b) on the LDP;
- f. Pohutukawa tree, item (c) on the LDP;
- g. English Oak, item (d) on the LDP; and
- h. Magnolia tree, item (e) on the LDP.

The above shelter belts may be replaced when the landscaping has achieved a sufficient height and mass to provide replacement screening of equivalent or similar height and mass to that achieved by the shelter belt. Other native trees of a height more than 6m shall be retained and may be transplanted provided that transplanting shall be undertaken in accordance with sound arboricultural practises. The landscaping required by the LDP shall be properly maintained at all times and in accordance with sound landscaping practice.

Explanation:

When fully established with mature trees and shrubs, the landscaped mound along parts of Ascot Road and Greenwood Road will provide a suitable visual screen between the sewage treatment facilities and adjoining

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uses to the south and east. The landscaped mound will only be required on Part Lot 1, DP 43557(101 Ascot Road) and the smaller Lot 1, DP 49323 (89 Ascot Road) when it is proposed to establish permitted activities within 200m of Ascot Road. This will enable the current owners of these lots, or their successors, to continue cultivating horticultural crops for the immediate future.

Exotic species are promoted in the early stages of landscaping to provide the initial screening of the MWTP and related buildings in Area 1A.

While native trees are preferred for their ecological value it is recognised that exotic species because of their speed of growth relative to native species will ensure that over a relatively quick period of time large trees will have the effect of softening buildings up to 15m in height. Also the screening ability of many native trees is not always as effective as some of the exotic species so a mixture of both will ensure effective screening from a height perspective and an area perspective is achieved.

Once the native trees have reached heights where they effectively screen buildings then provision is made for the shelter belts to be removed. Every precaution is to be taken to protect existing native trees and the shelter belts in order to maintain the visual screening of the MWTP and related buildings planned for Area 1A.

Rule 7.5.5 Design and External Appearance of Buildings

All new buildings and structures shall be architecturally designed and finished in natural earthy tones that are visually recessive.

Explanation:

This rule is to encourage sensitive design and to ensure that buildings are finished in recessive colours that do not detract from the amenity values of the surrounding areas and coastal waters. Details of the design and colour of the proposed buildings and structures will be submitted to the Council at the same time as an outline plan of works.

8.0 Provisions For Area 2

8.1 Explanatory Statement

Area 2 contains 31 ha of land which is mainly used for market gardening and some glass house production. The topography is mainly flat with a moderate rise in the north-eastern corner. A stream flows through the north-eastern corner of Area 2. Area 2 will be used as an odour buffer and for the application of biosolids to land. Special conditions and restrictions are set out for Area 2 and for the future protection of the neighbourhood and watercourse.

Watercare Services Limited has a number of consents from the ARC covering aspects of biosolid trials. The rules in this plan complement the conditions of the ARC.

8.2 Activities

8.2.1 Permitted activities

a. Deposition of biosolids.

8.3 Rules

Rule 8.3.1 Depositing of Biosolids (as defined in section 1)

The depositing of biosolids shall be undertaken in accordance with the Ministry of Health document "Public Health Guidelines for the Safe Use of Sewage, Effluent and Sewage Sludge on Land (1992)" or any amendment to or replacement for those guidelines, and in accordance with the terms of any resource consent issued by the Regional Council in relation to that activity. No biosolids shall be deposited within 15m of any stream or drainage path or within 5m of any site boundary.

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Explanation:

This rule will enable WSL to undertake biosolids use trials within the confines of Area 2 to demonstrate the resource value of MWTP biosolids to potential users and confirm that significant adverse effects do not arise. The operator has produced a protocol for applying biosolids to land and this will limit the application of biosolids to levels appropriate for arable land and prevent contamination of the ground or streams.

9.0 Common Rules For Areas 1 And 2: Development And Performance Standards

Rule 9.1 Submission of an Outline Plan of Works

Before commencing any activity on the designated land, an outline plan of works shall be submitted to the Council for its consideration. The outline plan must show the height, shape and bulk of the work, its location on the site, the likely finished contour of the site, vehicle access and circulation and landscaping provisions

Explanation:

The designation only indicates in broad terms the nature of activities to be undertaken within the designated land. This rule provides the Council with prior notice of the detailed nature of any works proposed within the designated land.

Rule 9.2 Dust

That beyond the southern boundary of Area 1A and 1B, the eastern boundary of Area 2, there shall be no dust caused by discharges from Areas 1A, 1B and 2 which is noxious, dangerous, offensive or objectionable.

Rule 9.3 Movement of Materials

All earth, sludge or biosolids being transported on public roads to and from the site shall be contained to prevent the release of particulate material into the environment.

Explanation:

Approximately 500m³ of biosolids are to be removed from the treatment plant each day. In addition there are other materials to be delivered and removed from the site. The above rule is designed to avoid any adverse effects from particulate materials being lost from vehicles.

Rule 9.4 Noise

a. Any additions to the MWTP shall be so designed and the use of the buildings and site shall be so conducted, that the noise level does not exceed the limits set out below:

i. When measured at, or within, the boundary of any site zoned Residential or the notional boundary of any site zoned Mangere Puhinui Rural. (The notional boundary is a line 20m from the facade of any rural dwelling or the legal boundary where this is closer to the dwelling.)

Daytime	Noise Level (L10 dBA)
Mon – Sat 0700 – 2200	50
At all other times, including Sundays and public holidays	45

ii. When measured at or within the boundary of any site zoned Business.

Daytime	Noise Level (L10 dBA)
At all other times	60

iii. An L_{max} 65 dBA (or background noise level plus 30 dBA, whichever is lower) shall apply between the hours of 2200–0700, seven days a week.

b. The noise levels shall be measured and assessed in accordance with NZS 6801: 1991 “Measurement of Sound” and NZS 6802: 1991 “Assessment of Environmental Sound”.

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c. Any construction noise (as defined in Section 2 of the Construction Act 1959) emanating from the site shall comply with the requirements of NZS 6803P:1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

d. Prior to the commencement of any new activities, the applicant shall provide Council with a certificate from a qualified Acoustic Engineer demonstrating that the above performance standards will be met. (e)
Notwithstanding the noise standards above, the Council reserves the power conferred on it under the relevant sections of the Resource Management Act 1991, to control any noise which contravenes the provisions of the Act.

Explanation:

The noise standards above are similar to those that apply to activities in the Business zones. During the construction period from 1997–2003 noise levels will exceed those specified in clause (a) above, but will be below the daytime construction noise limit of 75dBA set out in NZS 6803P: 1984 "The Measurement and Assessment of Noise from Construction, Maintenance and Demolition Work".

9.5 Odour

There shall be no discharge of a noxious, offensive or objectionable odour arising from within Areas 1A, 1B or 2 beyond the southern boundary of Area 1A and 1B and the eastern boundary of Area 2 (as shown on Figure 5.8), or beyond the outside boundaries of the adjoining areas designated as "Watercare Services Limited: Wastewater Treatment Plant" and "Watercare Services Ltd/A.R.C Wastewater purposes and Ambury Regional Park", as shown on the planning maps.

Explanation:

The reason for adopting odour controls is to provide a practicable means of controlling objectionable odours which are not satisfactorily regulated by controls on air discharges.

Rule 9.6 Stormwater Drainage

- a. Adequate provision is to be made for the protection and/or redirection of any existing stormwater overland flowpaths within both Areas 1 & 2. All proposed works shall be undertaken prior to the commencement of the activity, in accordance with Council's engineering performance standards, and at no cost to the Council.
- b. In order to protect these stormwater overland flowpaths a 'right to drain water' easement in favour of the Council is to be placed over the final defined overland flowpaths prior to commencement of the activity and at no cost to Council. Any easement will need to be defined by a registered surveyor, to be arranged by the applicant, and the subsequent easement documents prepared by the City Solicitor at the applicant's expense. The easement documents will need to include a provision that no buildings, structures, fences or filling be placed in the easement area or other works carried out thereon, except with specific Council approval and that the level and profile of the overland flowpath is to remain unchanged thereafter. The easement documents will also need to include plans showing levels in terms of DOSLI datum, a suitably located datum mark and boundary dimensions for the proposed easement.
- c. Minimum floor level restrictions may be required adjoining overland flowpaths and at no cost to Council prior to commencement of the activity.
- d. Conditions a., b. and c. require compliance through the submission of full engineering plans to the Council for its approval at the time an Outline Plan of Works is submitted to the Council and the completion of all works prior to commencement of the activity.

Explanation:

The above rule will ensure that no stormwater problems are generated by the proposed works.

9.7 Roading

Prior to the commencement of any wastewater activities in Area 1A, Ascot Road is to be upgraded at no cost to the Council along the frontage of Areas 1A and 1B as far west as the Oruarangi/Montgomerie Roads

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intersection. This upgrading shall include the widening of Ascot Road to provide for a total carriageway width of 10.5m (2m parking lane, two 3.5m lanes and 1.5m shoulder). The upgrading shall also include the provision of a non-standard berm, kerb and channel and footpath and the relocation of all necessary network and public utility services within the existing legal road. Proposed works at the intersection of Oruarangi/Montgomerie Roads shall be aligned with the extension of Ascot Road to Island Road. These works are to be undertaken in accordance with Council's engineering performance standards (except the non-standard berm) to the satisfaction of the Manager — Infrastructure Policy and at no cost to Council.

Explanation:

Upgrading of the northern side of Ascot Road, adjacent to Area 1A will provide for kerb and channelling. The future road works described above (the proposed works at the intersection of Oruarangi and Mongomerie Roads may require additional land) are capable of being undertaken within the existing legal road boundaries of Ascot Road. However further development within Area 1 may require an increase in the width of Ascot Road as indicated on the planning maps.

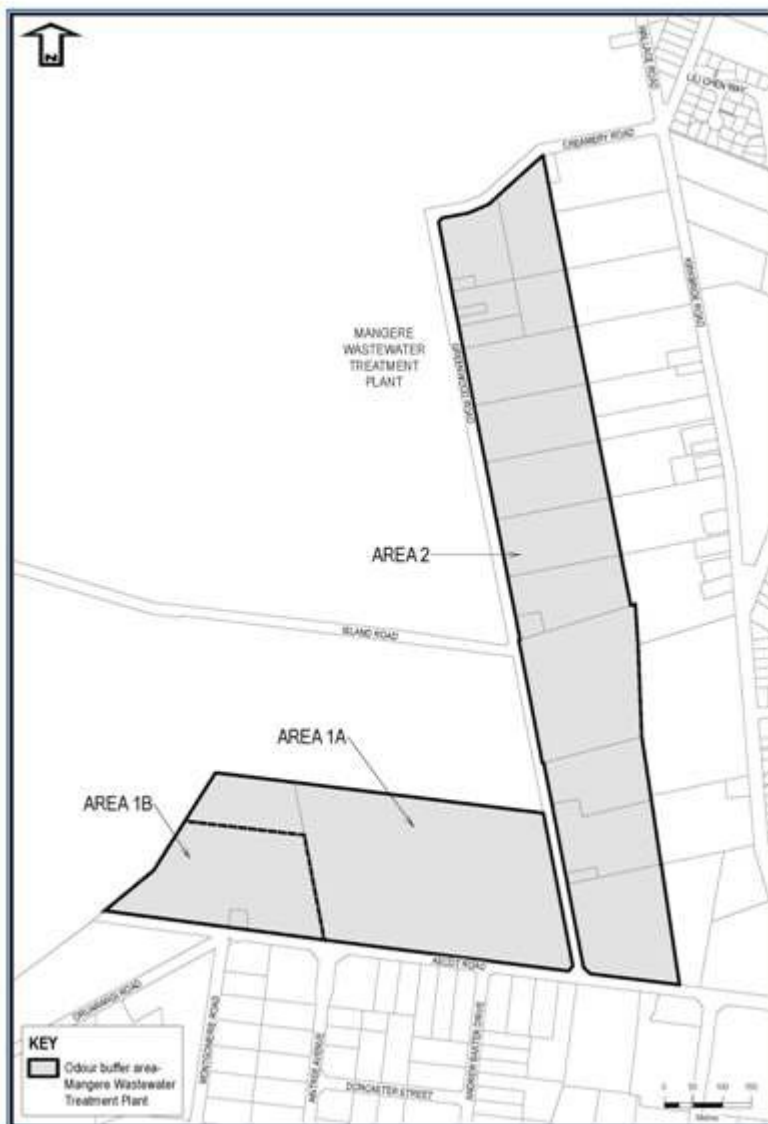
Currently (1996) that part of Ascot Road to the west of Mongomerie road is unsealed. However this part of Ascot Road will be formed and sealed by WSL in order to construct a road embankment enclosing the north-eastern corner of Pond 2 and providing road access to the Island Road causeway from Ascot Road. The proposed extension of Ascot Road to Island Road will provide an alternative route to Puketutu Island which would bypass that part of Island Road between Greenwood Road and the new road embankment.

WSL intend to seek the closure of Island Road between Greenwood Road and the new road embankment. This will enable the integration of those parts of the treatment plant to the north and south of Island Road. However before any statutory procedures to close part of Island road are commenced the proposed Ascot Road extension would need to comply with the Council's roading standards including the provision of a suitable walkway linking Kirkbride Road with Puketutu Island.

Attachments

Figure 5.8 - Odour Buffer Area Mangere Wastewater Treatment Plant

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9504 Mangere Pipeline

Designation Number	9504
Requiring Authority	Watercare Services Ltd
Location	4W Witla Court, Mangere
Rollover Designation	Yes
Legacy Reference	Designation 145, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pipelines, chambers and associated structures.

Conditions

No conditions.

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Attachments

No attachments.

9505 Flat Bush Pump Station

Designation Number	9505
Requiring Authority	Watercare Services Ltd
Location	58 Murphys Road, Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 147, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9506 Redoubt North Reservoirs

Designation Number	9506
Requiring Authority	Watercare Services Ltd
Location	396B (and access over 390V and 394B) Redoubt Road, Manukau
Rollover Designation	Yes
Legacy Reference	Designation 148, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9507 Redoubt Road Reservoir

Designation Number	9507
Requiring Authority	Watercare Services Ltd

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Location	477A Redoubt Road (Pt Lot 1 DP 24865 and SO 60815), Manukau
Rollover Designation	Yes
Legacy Reference	Designation 149, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9508 Mill Road Reservoir Complex

Designation Number	9508
Requiring Authority	Watercare Services Ltd
Location	38 Mill Road, Alfriston
Rollover Designation	Yes
Legacy Reference	Designation 150, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs, pump stations and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9509 Mill Road Reservoir

Designation Number	9509
Requiring Authority	Watercare Services Ltd
Location	95 Mill Road, Alfriston
Rollover Designation	Yes
Legacy Reference	Designation 151, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9510 Ardmore Pump Station

Designation Number	9510
Requiring Authority	Watercare Services Ltd
Location	28 Alfriston Ardmore Road, Alfriston
Rollover Designation	Yes
Legacy Reference	Designation 152, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - pump station, reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9511 Wastewater purposes and Ambury Regional Park

Designation Number	9511
Requiring Authority	Watercare Services Ltd
Location	66 Wellesley Road (Ambury Regional Park), Mangere Bridge
Rollover Designation	Yes
Legacy Reference	Designation 153, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes and Ambury Regional Park.

Conditions

No conditions.

Attachments

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No attachments.

9512 East Tamaki Reservoir

Designation Number	9512
Requiring Authority	Watercare Services Ltd
Location	17A and part of 17R Gracechurch Drive, East Tamaki
Rollover Designation	Yes
Legacy Reference	Designation 154, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9513 Ardmore Water Treatment Plant

Designation Number	9513
Requiring Authority	Watercare Services Ltd
Location	250 Creightons Road, Clevedon
Rollover Designation	Yes
Legacy Reference	Designation 155, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - Ardmore Water Treatment Plant

Conditions

No conditions.

Attachments

No attachments.

9514 McLaughlins Pump Station

Designation Number	9514
Requiring Authority	Watercare Services Ltd
Location	27 Diversey Lane, Manukau Central

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Rollover Designation	Yes
Legacy Reference	Designation 156, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9515 Papatoetoe Pump Station

Designation Number	9515
Requiring Authority	Watercare Services Ltd
Location	51 Hillside Road, Papatoetoe
Rollover Designation	Yes
Legacy Reference	Designation 157, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9516 Howick Pump Station

Designation Number	9516
Requiring Authority	Watercare Services Ltd
Location	4R and 6R Granger Road (Rangitoto View Road Esplanade Reserve), Howick
Rollover Designation	Yes
Legacy Reference	Designation 158, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

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Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9517 Middlemore Pump Station

Designation Number	9517
Requiring Authority	Watercare Services Ltd
Location	140 and part of 100 Hospital Road, Otahuhu
Rollover Designation	Yes
Legacy Reference	Designation 159, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9518 Manurewa Pump Station

Designation Number	9518
Requiring Authority	Watercare Services Ltd
Location	39R Wattle Farm Road, Wattle Downs
Rollover Designation	Yes
Legacy Reference	Designation 160, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

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9519 Manurewa West Pump Station

Designation Number	9519
Requiring Authority	Watercare Services Ltd
Location	283R Mahia Road (Pt Lot 1 DP 25887 and SO 46795), Manurewa
Rollover Designation	Yes
Legacy Reference	Designation 161, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9520 Pakuranga South Pump Station

Designation Number	9520
Requiring Authority	Watercare Services Ltd
Location	51 Ben Lomond Crescent, Pakuranga Heights
Rollover Designation	Yes
Legacy Reference	Designation 162, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9521 Bucklands Beach Pump Station

Designation Number	9521
Requiring Authority	Watercare Services Ltd
Location	2A Vivian Wilson Drive and part of 150 Bucklands Beach Road, Bucklands Beach

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Rollover Designation	Yes
Legacy Reference	Designation 163, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9522 East Tamaki Pump Station

Designation Number	9522
Requiring Authority	Watercare Services Ltd
Location	207 and part of 201 Highbrook Drive, East Tamaki
Rollover Designation	Yes
Legacy Reference	Designation 164, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9523 Mangere Pump Station

Designation Number	9523
Requiring Authority	Watercare Services Ltd
Location	137 Gadsby Road and road reserve, Favona
Rollover Designation	Yes
Legacy Reference	Designation 165, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

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Conditions

No conditions.

Attachments

No attachments.

9524 Otara Pump Station

Designation Number	9524
Requiring Authority	Watercare Services Ltd
Location	84R Wymondley Road and Allot 295 Parish of Manurewa (Billington Esplanade Reserve), Otara
Rollover Designation	Yes
Legacy Reference	Designation 166, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9525 Pakuranga North Pump Station

Designation Number	9525
Requiring Authority	Watercare Services Ltd
Location	103R Prince Regent Drive (Wakaaranga Creek Reserve), Half Moon Bay
Rollover Designation	Yes
Legacy Reference	Designation 167, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

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9526 Pakuranga (Millen Avenue) Pump Station

Designation Number	9526
Requiring Authority	Watercare Services Ltd
Location	13 and 15R Millen Avenue, Pakuranga
Rollover Designation	Yes
Legacy Reference	Designation 168, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9527 Mangere Bridge Pump Station

Designation Number	9527
Requiring Authority	Watercare Services Ltd
Location	7D Kiwi Esplanade, Mangere Bridge
Rollover Designation	Yes
Legacy Reference	Designation 169, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9528 Greenmount Branch Sewer

Designation Number	9528
Requiring Authority	Watercare Services Ltd
Location	5 St Leger Close to 30 Matarangi Road, East Tamaki
Rollover Designation	Yes

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Legacy Reference	Designation 170, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pipeline and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9529 Southwestern Interceptor Line

Designation Number	9529
Requiring Authority	Watercare Services Ltd
Location	257 Roscommon Road, Manurewa to Jimmy Ward Crescent (400 George Bolt Memorial Drive), Mangere
Rollover Designation	Yes
Legacy Reference	Designation 171, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Southwestern Interceptor.

Conditions

No conditions.

Attachments

No attachments.

9530 Botany Pump Station

Designation Number	9530
Requiring Authority	Watercare Services Ltd
Location	107 Golfland Drive (Corta Bella Place Reserve), Howick
Rollover Designation	Yes
Legacy Reference	Designation 172, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

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Conditions

No conditions.

Attachments

No attachments.

9531 Weymouth North Pump Station

Designation Number	9531
Requiring Authority	Watercare Services Ltd
Location	54R Pitt Avenue, Clendon Park
Rollover Designation	Yes
Legacy Reference	Designation 173, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9532 Weymouth Pump Station

Designation Number	9532
Requiring Authority	Watercare Services Ltd
Location	18R Hazards Road and 29R Greers Road, Weymouth
Rollover Designation	Yes
Legacy Reference	Designation 174, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

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9533 Manurewa Pump Station

Designation Number	9533
Requiring Authority	Watercare Services Ltd
Location	Browns Road (unformed road reserve adjoining 257 Roscommon Road), Clendon Park
Rollover Designation	Yes
Legacy Reference	Designation 175, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9534 Mangere (Hinau Street) Pump Station

Designation Number	9534
Requiring Authority	Watercare Services Ltd
Location	2A and 4 Hinau Street, and 6R Walmsley Road (Tarata Creek Reserve), Mangere
Rollover Designation	Yes
Legacy Reference	Designation 176, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9535 Maraetai Pump Station

Designation Number	9535
Requiring Authority	Watercare Services Ltd
Location	Te Puru Park, 954R Whitford-Maraetai Road, Maraetai

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Rollover Designation	Yes
Legacy Reference	Designation 220, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachment.

9536 Manurewa Reservoir

Designation Number	9536
Requiring Authority	Watercare Services Ltd
Location	37 Walpole Avenue, Hill Park
Rollover Designation	Yes
Legacy Reference	Designation 221, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9537 Beachlands Wastewater Treatment Plant

Designation Number	9537
Requiring Authority	Watercare Services Ltd
Location	100 Okaroro Drive, Maraetai
Rollover Designation	Yes
Legacy Reference	Designation 228, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Beachlands Wastewater Treatment Plant.

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Conditions

No conditions.

Attachments

No attachments.

9538 Tamaki South East Branch Sewer

Designation Number	9538
Requiring Authority	Watercare Services Ltd
Location	Ormiston Road (road reserve adjoining No. 123), East Tamaki to Murphys Road (road reserve adjoining No. 251), Flat Bush
Rollover Designation	Yes
Legacy Reference	Designation 268, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Tamaki South East branch sewer and wastewater pump stations.

Conditions

1. That an Outline Plan of Work be submitted prior to the proposed construction of the sewer. This Outline Plan shall include details in respect of depth, size of pump stations, and the nature of incoming sewers and verification as to the catchment they will serve.
2. That proposed Pump Station 61 be amended to avoid encroachment on the downstream face of the Rongomai Dam and to be located outside of the overflow zone of this dam.
3. An alternative provision for access to Pump Station 61 shall need to be provided to avoid stress to the Rongomai Dam.
4. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise
5. That an archaeologist shall be present to monitor an excavation of the higher land to the east of Preston Road Reserve, in the general vicinity of proposed Pump Station No 61 as identified in the 7 June 1996 report by Clough and Associates – Tamaki South East Interceptor Route – Preliminary Archaeological Survey for the Feasibility Investigation, at the time works are undertaken to construct the sewer.
6. That all land shall be fully reinstated as soon as practicable upon completion of installation of the sewer.
7. All land modification works associated with the activity involving either removal of soil from the site to an approved cleanfill location or its relocation on site, are to be undertaken in such a manner as to ensure that beyond the boundary of the site there should be no dust or soil erosion/siltation which, in the opinion of an enforcement officer who is employed by Council, is objectionable offensive, or has the potential to create an adverse effect on the receiving environment.

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Attachments

No attachments.

9539 Kawakawa Bay Wastewater Treatment Plant

Designation Number	9539
Requiring Authority	Watercare Services Ltd
Location	123 Kawakawa-Orere Road, Kawakawa Bay
Rollover Designation	Yes
Legacy Reference	Designation 295, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Kawakawa Bay Wastewater Treatment Plant.

Conditions

1. That the development and operation of the Wastewater Treatment Plant shall be in accordance with the plans and information supplied with the Requirement, and numbered Proposal 28184 by Council, and in particular with the following:

The AEE notated Kawakawa Bay Wastewater Scheme Wastewater Treatment and Disposal, Glen Forest. by Manukau Water Ltd dated September 2006 and as amended by the following:

- a. The letter dated 27 October 2006 from Hill Young Cooper including Attachments.
- b. The letter dated 31 October 2006 from Hill Young Cooper including Attachments.

2. Prior to any works commencing on the site, Manukau Water Ltd shall prepare and submit to the Manager — Resource Consents for approval a landscape plan for the site.

a. The plan shall provide for:

- i. Details (including species and plant size) of the planting of suitable native trees along that part of the site adjoining Kawakawa-Orere Road as illustrated on Drawing No 120731-Landscape submitted to the Council on 31 October 2006;
- ii. Condition 3(i) above shall include the planting of at least ten suitable native trees with a minimum size of Pb200 along the frontage of Kawakawa-Orere Road;
- iii. The rehabilitation and landscaping of all areas subject to earthworks; and
- iv. Such other planting and related works to mitigate the adverse visual effect of the building. Riparian planting on the Rautawa Stream riparian strip between the proposed discharge location and the Manukau Water property boundary and between potential flow pathway spray irrigation zones and any Category 1 streams. The objective of the riparian planting is for it to be self-sustaining. Sections 2.3 through to 2.5 of the ARC TP 148 Strategy as well as the entire TP 148 Planting Guide shall be implemented in this regard.

b. Subject to any amendments or additional planting or landscaped works required by the Manager — Resource Consents, the approved landscape plan shall be implemented in the first planting season following commencement of works.

c. All landscaping works required by the site landscape plan shall be maintained and watered postplanting and any failed, damaged or removed planting shall be reinstated as soon as practical. At the end of the second year post-planting, an arborist's report shall be submitted to the Manager — Compliance and Enforcement to verify that the landscaping plan has been successfully implemented. (Note: The preparation and implementation of the Landscaping and Planting Plan required above, is also required of ARC consent 30833).

3. All works shall be in general accordance with the application and plans submitted and shall be subject to the

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following requirements:

- a. All materials, workmanship and testing shall be in accordance with the current Manukau City Council Engineering Quality and MANARC Standards or Manukau Water Limited Design and Material Standards as appropriate;
- b. All construction work, shown on the attached plans, shall be supervised by an engineering representative appointed by the owner — refer to MCC Engineering Quality Standards and Manukau Water Limited Design and Material Standards;
- c. On completion of the work, as-built plans and a completion certificate, in accordance with the Council's Quality Assurance Manual and Manukau Water Limited Design and Material Standards, shall be forwarded to Council's appointed field officer; and
- d. A 'pre-construction' meeting shall be arranged a minimum of 48 hours prior to commencement of the works. Please contact the Council's Legal Administrator, Resource Compliance Team, (Phone 2628900 extension 5877).

4. Prior to any works commencing on site, an Auckland Regional Council Soil Conservation consent shall be obtained for the proposed works and a copy supplied to the Council.

5. The earthwork construction shall be undertaken in accordance with the recommendations of the Geotechnical Report prepared by Harrison Grierson Consultants Ltd referenced June 2005, the application submitted including the Environmental Management Plan prepared by Fulton Hogan Ltd dated June 2006 and in compliance with all conditions of the Auckland Regional Council sediment control consent 30831. As the earthworks are progressively completed, the site shall be stabilised against erosion.

6. The earthworks shall be supervised as required by a geotechnical engineer to ensure that the subsurface conditions and procedures are compatible with the recommendations of the geotechnical report. Where substantive amendments are necessary they shall be referred and approved by the authors of the report.

7. All land modification works shall be undertaken in such a manner as to ensure that beyond the boundary of the site there should be no 'dust' or 'soil erosion / siltation', which in the opinion of the Manager - Compliance and Enforcement, is objectionable, offensive or has the potential to create an adverse effect on the receiving environment.

8. The applicant shall be responsible to ensure that the land within the above site and the land on adjoining properties remains stable at all times in respect to the approved works.

9. Control measures shall be in place to ensure that any trucks leaving the site do not deposit soil or other debris on public roads. Any such material deposited on any public road shall be cleaned up immediately at the applicant's expense.

10. Prior to development commencing, the applicant shall provide Council's Manager - Compliance and Enforcement with details of the level of communication with neighbouring property owners/occupiers and identification of the liaison person. The applicant shall ensure that, before commencement of the development, the owners of all adjoining properties are notified in writing of the development in general, its expected duration, the times at which it will be undertaken, and the name of a responsible person with whom neighbours can liaise if the need arises. (Any queries in the foregoing should be referred to the Manager - Sustainable Environment and Infrastructure).

11. A foundation completion report for the site shall be submitted to the satisfaction of the Manager — Compliance and Enforcement for approval upon completion of the land modification works. The report shall readdress the previous recommendations for this site and provide further amendments and recommendations as necessary.

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12. Prior to any work commencing on the site, the Requiring Authority shall undertake a survey of the background ambient noise levels at the closest boundary of 128 Kawakawa-Orere Road and any other appropriate locations. The survey shall be undertaken over a typical 24 hour period and shall be carried out in accordance with New Zealand Standards NZS6801:1991 Measurement of Sound and NZS6802:1991 Assessment of Environmental Sound. The results of the survey shall be sent to the Manager — Resource Consents and the Manager — Development Compliance as soon as practical.

13. Construction activities shall be managed to generally achieve compliance with the requirements of NZS6803:1999 - Acoustics - Construction Noise

14. The operational noise of the treatment plant shall at all times comply with the following noise limits when measured at or within the notional boundary of any site zoned rural:

Activity Average Maximum Level L10dBA Maximum LmaxdBA

Monday to Saturday 7.00am-6.00pm (0700-1800) Monday to Saturday 6.00pm-10.00pm (1800-2200) At all other times 10.00pm-7.00am (2200-0700)

Business and Recreational activities (at or within the notional boundary) 50 45 40 70 (or the background plus 30 whichever is the lower)

15. The operational noise of the treatment plant shall at all times comply with the following noise limits when measured at or within the notional boundary of any site zoned Residential Settlement Unserved:

Average Maximum Level L10dBA Maximum LmaxdBA

Monday to Saturday 7.00am-6.00pm (0700-1800) Monday to Saturday 6.00pm-10.00pm (1800-2200)

Sundays and Public Holidays 7.00am-10.00pm (0700-2200) At all other times 10.00pm-7.00am (2200-0700)

45 40 35 65

16. Notwithstanding compliance with Condition 18 above, the plant shall be designed and operated so that the background noise levels determined by condition 15 are not exceeded to the extent that an adverse noise level is generated within the boundaries of the sites zoned Residential Settlement Unserved from 100 to 128 Kawakawa-Orere road.

17. At one month, six months and twelve months after the commencement of the operation of the wastewater treatment plant, the Requiring authority shall submit to the Council a certificate from a recognised acoustics specialist specifying that the noise levels generated by the wastewater treatment plant comply with conditions 17, 18 and 19.

18. In the event that an aerator or similar device is required to aerate the effluent in the seasonal pond, the Requiring Authority shall prior to the installation of the device submit to the Council a certificate from a recognised acoustics specialist specifying that the noise levels generated by the aerator or similar device complies with conditions 17, 18 and 19.

19. The noise conditions 15–21 above may be reviewed by Council, pursuant to Section 128 of the Resource Management Act 1991 by the giving of notice pursuant to section 129 of the Act one year after the commencement of the operation of the Water Treatment Plant.

20. That if subsurface archaeological evidence should be unearthed during construction (e.g. intact shell midden, hangi, storage pits relating to Māori occupation, or cobbled floors, brick or stone foundation, and rubbish pits relating to 19th century European occupation), work should cease in the immediate vicinity of the remains and the Manukau City Council, Historic Places Trust and tangata whenua should be contacted so that appropriate action can be taken. This includes such persons being given a reasonable time to record and recover archaeological features discovered before work may commence.

21. That if modification of an archaeological site is necessary, an Authority to modify must be applied for under

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Section 11 of the Historic Places Act 1993 in addition to any required approval of the Manukau City Council (Note that this is a legal requirement).

22. That in the event of human remains being uncovered, work should cease in the immediate vicinity and the tangata whenua, Historic Places Trust and NZ Police should be contacted so that appropriate arrangements can be made.

23. The Requiring Authority shall:

- a. Consult with tangata whenua and representatives of local residents (Including the Kawakawa Residents Association) to facilitate the establishment of a Community Committee as soon as practicable after the designation becomes operative.
- b. The Committee shall comprise eight persons as follows:
 - i. A representative of the Clevedon Community Board.
 - ii. A representative of the Kawakawa Residents Association.
 - iii. A representative of tangata whenua.
 - iv. A representative of the community in general, preferably a resident living in proximity to the treatment plant.
 - v. Up to two representatives appointed by Manukau Water Ltd.
 - vi. Up to two representatives appointed by the Manukau City Council.
 - vii. Up to two representatives appointed by the Auckland Regional Council.
- c. The purpose of the Committee shall be to discuss matters relevant to the installation, operation and maintenance of the wastewater treatment system including, but without limitation, any concerns and complaints of residents and visitors and the timeliness and method of alleviating them.
- d. Manukau Water Ltd shall ensure its representatives attend meetings of the Committee which should be held on a quarterly basis.
- e. At the quarterly meetings, Manukau Water Ltd shall disseminate information to the Committee about the operation of the wastewater treatment system including the results of any monitoring, the timing and extent of any discharges of treated effluent to the Rautawa Stream and present logs of all complaints including what action was taken and the results of that action.

Attachments

No attachments.

9540 Hunua No. 4 Watermain

Designation Number	9540
Requiring Authority	Watercare Services Ltd
Location	Williams Road (Lot 1 DP 73307 and Lot 1 DP 154681), Glenbrook
Rollover Designation	Yes
Legacy Reference	Designation 307, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - Hunua No. 4 Watermain.

Conditions

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority in the Notice of Requirement dated 3 March 2010 and supporting documents being "Hunua No. 4 Watermain Assessment of Effects on the

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Environment", Volumes 1, 2 and 3, dated 3 March 2010.

2. As soon as practicable following completion of construction of the Project, the Requiring Authority shall, in consultation with the Council:

- a. review the width of the area designated for the Project;
- b. identify:
 - i. any areas of designated land that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the pipeline and ancillary activities;
 - ii. any areas of designated land within the legal road boundaries that are more than 2.5 metres from the centreline of the pipeline (excluding any special chambers/ facilities or other associated structures);
- c. give notice to the Council in accordance with Section 182 of the RMA for removal of those parts of the designation identified in (b) above which are not required for the long term operation and maintenance of the Project and provide a plan of the final designated areas to Council; and
- d. provide as-built plans to the Council.

3. A liaison person shall be appointed by the Requiring Authority for the duration of the construction phase of the Project to be the main and readily accessible point of contact for persons affected by the designation and construction work. The liaison person's name and contact details shall be advised to affected parties by the Requiring Authority. This person must be reasonably available for on-going consultation on all matters of concern to affected persons arising from the Project. If the liaison person will not be available for any reason, an alternative contact person shall be nominated, to ensure that a project contact person is available by telephone 24 hours per day / seven days per week during the construction phase.

4. The designation shall lapse if not given effect within 10 years from the date on which it is included in the District Plan.

5. Those stages of the works within the designation and previously approved under separate land use resource consents are exempt from the following conditions 6 -51, namely:

- a. Manukau City Council Resource Consent P35070 granted 29 October 2008;
- b. Manukau City Council Resource Consent P36892 granted 3 February 2010;
- c. Manukau City Council Resource Consent P37244 granted 21 May 2010; and
- d. Manukau City Council Resource Consent P37514 granted 15 July 2010;

6. Except as provided for in Condition 7, the Requiring Authority shall submit an OPW for the Project or for each Project stage in accordance with Section 176A of the RMA.

7. An OPW need not be submitted if the Council has waived the requirement for an OPW in accordance with Section 176A(2)(c) of the RMA.

8. The OPW shall include the following Management Plans for the relevant stage(s) of the Project: Construction Management Plan ("CMP"); Construction Noise and Vibration Management Plan ("CNVMP"); Network Utility Management Plan ("NUMP"); and the Traffic Management Plan ("TMP").

9. The Requiring Authority shall prepare a CMP or Plans for the Project overall or for each of the relevant Project stages. The purpose of the CMPs is to set out the detailed management procedures and construction methods to be undertaken in order to avoid, remedy or mitigate potential adverse effects arising from construction activities. The CMPs shall be provided to the Council with the relevant OPW for the stage it relates to.

10. The CMPs required by Condition 9 shall include specific details relating to the management of all construction activities associated with the Project or relevant Project stage, including:

- a. details of the site or project manager and the construction liaison person identified in condition 3, including their contact details (phone, facsimile (if any), postal address, email address);

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- b. an outline construction programme, indicating in particular the likely time periods for road closures and anticipated traffic diversion effects;
- c. the hours of construction;
- d. measures to be adopted to maintain the land affected by the works in a tidy condition in terms of disposal / storage of rubbish, storage and unloading of construction materials and similar construction activities;
- e. location of site infrastructure including site offices, site amenities, contractors yards, site access, equipment unloading and storage areas, contractor car parking, and security.
- f. the layout of the construction yard at the manukau sports bowl, including associated buildings, fencing and site access;
- g. procedures for controlling sediment run-off, dust and the removal of soil, debris, demolition and construction materials from the work site or places adjacent to the work site;
- h. procedures for the protection of significant trees and other vegetation;
- i. procedures for ensuring that residents, road users and businesses in the immediate vicinity of construction areas are given prior notice of the commencement of construction activities and are informed about the expected duration and effects of the works;
- j. a health and safety plan;
- k. procedures for responding to complaints about construction activities;
- l. procedures for management of traffic incidents within the works area;
- m. procedures for the management of works which directly affect or are located in close proximity to existing network utility services;
- n. construction noise and vibration management;
- o. protocols for the management of ground breaking activities along the pipeline route to manage effects on the environment and human health should any contamination issues be encountered;
- p. procedures for the refuelling of plant and equipment;
- q. engineering design and construction drawings; and
- r. the provision for the storage of fuels, lubricants and refuelling to be managed in such a manner so as to prevent the discharge of contaminants from spillages.

11. The CMP shall be implemented and maintained throughout the entire construction period for the Project or relevant Project stage to manage potential adverse effects arising from construction activities to the greatest practicable extent.

12. The Requiring Authority shall:

- a. use trenchless construction methods to lay the pipeline under State Highway 1 at Reagan Road;
- b. not undertake any works or associated activities on State Highway 20B within the vicinity of the SH20/Puhinui Road (SH20B) interchange in a manner that alters the current level of service at this interchange without NZ Transport Agency prior approval; and
- c. locate the pipeline as close as is practicable to the centreline of the legal width of Campana Road, Papatoetoe.

13. The Requiring Authority shall prepare a detailed site management plan for the two directly affected market garden properties between Campana Road and Pukaki Road, in consultation with the owners of those properties. The site management plan shall be prepared with assistance from a suitably qualified expert with experience in market garden practices. In addition to matters covered elsewhere in these conditions, the site management plan shall include consideration of:

- a. methods to prevent contamination of soil;
- b. methods to prevent weed infestation;
- c. programming of works to take account of seasonal variations and other business activities;
- d. management and replacement of subsoil and topsoil;
- e. provision for 24 hour access for the landowners' business activities;
- f. reinstatement and maintenance provisions;
- g. dust management measures; and

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h. other relevant matters as agreed in consultation with the property owners.

The appointment of this specialist and the preparation of the site specific plan shall be undertaken in consultation with the landowners.

13A. To avoid conflict with any future upgrading of this intersection, and if requested to do so by the Road Controlling Authority responsible for the intersection upgrading, the Requiring Authority shall reconfigure or relocate the proposed scour chamber at the intersection of Ascot Road and Kirkbride Road, Mangere, to an alternative agreed position at the Requiring Authority's own cost.

14. Notwithstanding anything in Condition 7, the Requiring Authority shall prepare and implement a NUMP so that design and construction of the Project adequately takes account of and includes measures for the safety, integrity, protection or, where necessary, relocation of existing network utilities.

15. A copy of the NUMP shall be provided to the Council prior to construction commencing.

16. The NUMP shall include, but not be limited to, the following matters:

- a. provisions for liaison with all network utility operators and other infrastructure providers whose assets are directly affected by or located in close proximity to the project;
- b. provisions to enable other utility operators to access existing infrastructure for maintenance at all reasonable times, or emergency works at all times, whilst construction activities associated with the project are occurring; and
- c. provisions to ensure that all construction personnel, including contractors, are aware of the presence and location of the various utility services which traverse, or are in close proximity to the Project, and the restrictions in place in relation to those services. This shall include plans identifying the service locations and appropriate physical indicators on the ground showing specific surveyed locations.

17. The NUMP shall be prepared in consultation with the relevant network utility operators and other infrastructure providers and, in addition to the matters listed in Condition 16, shall address the following matters in respect of works or activities in proximity to the relevant utility services:

- a. measures to identify the location of existing utility services accurately;
- b. measures for protection, relocation and / or reinstatement of network utility infrastructure;
- c. measures to provide for the safe operation of plant and equipment and the safety of workers in proximity to live utility services;
- d. measures to manage potential induction hazards;
- e. procedures to manage dust and any other material potentially able to cause damage to overhead transmission lines;
- f. earthworks management, depth and extent of earthworks;
- g. vibration management; and
- h. incident emergency management.

18. The Requiring Authority shall consult with, and provide detailed design and construction plans and specifications to the New Zealand Refining Company Limited, Wiri Oil Services Limited and Transpower at least 20 working days prior to the intended commencement of any physical construction works that have the potential to come within 12 metres of their assets.

19. The Requiring Authority shall ensure that the power supply to the New Zealand Refining Company Limited densitometer site located at the end of Campana Road is not interrupted as a result of the proposed construction works. Should power supply to the densitometer site be required to be isolated for the Project, Watercare shall ensure that back-up supply is maintained by way of a suitable generator.

20. In the development of the NUMP, the Requiring Authority shall also investigate opportunities for other network utility operators or infrastructure providers, where practicable, to undertake upgrading works at the

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same time as construction of the Project.

21. The NUMP may be prepared as a standalone management plan or may form part of the Construction Management Plan, as determined by the Requiring Authority.

22. A CNVMP shall be prepared for the Project or relevant Project stage, by a suitably qualified expert

23. The CNVMP shall include specific details relating to the control of noise and vibration associated with all Project works. The CNVMP shall be formulated and the works implemented to achieve, as far as practicable, compliance with the requirements of:

- a. NZS6803:1999 Acoustics — Construction Noise; and
- b. German Standard DIN 4150-3:1999 Structural Vibration – Effects of Vibration on Structures.

24. The CNVMP shall, as a minimum, address the following aspects with regard to construction noise: ‘

- a. noise sources, including machinery, equipment and construction techniques to be used;
- b. predicted construction noise levels;
- c. hours of operation, including times and days when noisy construction work and blasting would occur;
- d. construction noise criteria for specific areas and sensitive receivers such as schools, child care centres, medical or aged care facilities;
- e. the identification of activities and locations that will require the design of noise mitigation measures such as temporary barriers or enclosures and the details of such measures where the Project noise criteria are predicted to be exceeded;
- f. the measures that will be undertaken by the Requiring Authority to communicate noise management measures to affected stakeholders;
- g. development of alternative management strategies where full compliance with NZS6803:1999 cannot be achieved;
- h. methods for monitoring and reporting on construction noise; and
- i. methods for receiving and responding to complaints about construction noise.

25. The CNVMP shall also describe measures adopted to meet the requirements of German Standard DIN4150, and as a minimum shall address the following aspects

- a. vibration sources, including machinery, equipment and construction techniques to be used;
- b. provision for the determination of buildings that require pre-condition surveys to be re-evaluated following test blasts at the commencement of blasting;
- c. preparation of building condition reports on ‘at risk’ buildings prior to, during and after completion of works, where for the purposes of this condition an ‘at risk’ building is one at which the levels in the German Standard DIN4150 are likely to be approached or exceeded;
- d. provision for the use of building condition surveys to determine the sensitivity of the building(s) on the adjacent sites to ground movement in terms of the Line 1-3 criteria of the DIN standard;
- e. identification of any particularly sensitive activities in the vicinity of the pipeline route (e.g. commercial activity using sensitive equipment such as radiography or mass-spectrometry).
- f. alternative management and mitigation strategies where compliance with German Standard DIN 4150-3:1999 cannot be achieved;
- g. the measures that will be undertaken by the Requiring Authority to communicate vibration management measures to affected stakeholders;
- h. methods for monitoring and reporting on construction vibration; and
- i. methods for receiving and responding to complaints about construction vibration.

26. The CNVMP shall be implemented and maintained throughout the entire construction period and shall be updated when necessary.

27. The Requiring Authority shall undertake a condition survey of the carriageway along the designated route

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and submit it to the Council prior to the commencement of construction. The condition survey shall include but not be limited to a photographic or video record of the carriageway along the designated route.

28. An overarching TMP shall be prepared for the Project and any future major programmed maintenance renewal or replacement works. The TMP should set out general processes for the submission of the appropriate Site Specific Traffic Management Plan ("SSTMP") to the Council and should address the following:

- a. the staging of the works including details of any proposals to work on multiple sections of the route concurrently;
- b. general methodology for determining when works will be undertaken on various road types (e.g. arterials, local roads etc);
- c. general methodology for selecting detour routes; and
- d. identification of any potential road closures and provision for emergency vehicles.

29. The TMP shall be provided to the Council at least one month prior to commencement of the Project or relevant Project stage.

30. SSTMPs shall be prepared for the Project or relevant Project stage, by a suitably qualified person. SSTMPs are to be provided to the Council with an application for the required Road Opening Notice (RON) prior to any work commencing on the relevant Project stage to which the SSTMP relates.

31. SSTMPs shall be provided to the Council no less than 15 working days prior to the commencement of construction.

32. SSTMPs shall describe the measures that will be taken to avoid, remedy or mitigate the traffic effects associated with construction of the Project or relevant Project stage. In particular, SSTMPs shall describe:

- a. traffic management measures to mitigate impact on traffic capacity at peak hours during weekdays and weekends;
- b. where road closures are deemed necessary by the Council, details of any road closures that will be required and the nature and duration of any traffic management measures that will result, including any temporary restrictions, detours or diversions for general traffic and buses;
- c. the capacity of proposed detour route(s) and their sufficiency to carry the additional traffic volumes and any safety issues associated with the detour route, including mitigation measures where required;
- d. specific traffic management plans across arterial intersections such as Aspiring Avenue/Mathews Road, Te Irirangi Drive, and Great South Road;
- e. where the route crosses intersections with Regional Arterial roads, measures to maintain the existing number of lanes during the weekday peak periods of 7am – 9am and 4pm – 6pm except with prior approval of the Road Controlling Authority.
- f. provisions for safe and efficient access of construction vehicles and methods to manage the effects of the delivery of construction material, plant and machinery, including the potential effects of High Sided Vehicles and construction machinery on trees that overhang the designation;
- g. measures to maintain, where practicable, existing vehicle access to property in order to enable, as far as practicable, normal operations on the property to continue, or to provide alternative access arrangements;
- h. measures to maintain, where practicable, pedestrian and cyclist access on roads and footpaths adjacent to the construction works. Such access shall be safe, clearly identifiable and seek to provide the shortest and most convenient detours where such detours are necessary;
- i. proposed monitoring to measure the impact of the works on traffic and the impact of the traffic management measures;
- j. definition of the proposed construction zone and area available for traffic; and the location of barriers and fences to protect the construction site;
- k. measures to maintain the normal day-to-day operations of public transport providers, or proposed alternatives where changes are required;
- l. any temporary changes in speed limit;

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- m. provision of safe and efficient access of construction vehicles to and from the construction site, including the movement of construction traffic on local roads; and
- n. the measures that will be undertaken by the Requiring Authority to communicate traffic management measures to affected road users and stakeholders.

33. SSTMPs shall be prepared following consultation with the following key stakeholders:

- a. road controlling authorities;
- b. emergency services (police, fire and ambulance);
- c. local business associations;
- d. Auckland Regional Transport Authority (or its successor) and any bus operators which operate scheduled services along the route;
- e. schools and childcare centres with frontage or access to roads where works are taking place; and
- f. Auckland Airport.

34. The Requiring Authority shall provide, where practicable, two temporary traffic lanes adjacent to the construction works on roads carrying more than 5000 vehicles per day. In this respect the construction equipment and process shall be modified where practicable to achieve the lane provisions required. In addition, details of the hours of work for works on or adjacent to these roads shall be provided.

35. All TMPs (including SSTMPs) shall be consistent with the New Zealand Transport Agency Code of Practice for Temporary Traffic Management which applies at the time of construction.

36. All TMPs (including SSTMPs) shall be subject to an independent safety and traffic operational audit prior to being submitted to the Council.

37. As soon as practicable following completion of construction the Requiring Authority shall:

- a. repair any damage to public carriageways and footpaths (and associated road components) resulting from the impacts of construction. Such repair may involve short-term maintenance to allow for settling and consolidation of carriageways prior to final repair by the Requiring Authority; and
- b. re-grass areas (including berms) that were previously grassed.

38. The Requiring Authority shall review the design details of the works in the vicinity of Hodges Road and Thomas Road having regard to the Council's future development plans for the Flat Bush Area. In this respect, the Requiring Authority shall, inter alia, for that portion of the pipeline east of Adamson Road:

- a. design the vertical alignment of the pipeline such that any future public road constructed over the pipeline can be designed in accordance with the 'Austroads Guide to Road Design' – Part 3, Geometric design and Part 4, Intersections and crossings; and
- b. review the vertical alignment of the pipeline across the Hodges Road gullies in consultation with the Council, including review of options to place the pipeline across the gullies on a pipe bridge, in an embankment, or in a trench following the current vertical profile of the ground, with the objective of the review being to confirm a vertical alignment for the pipeline which does not result in unreasonable constraints on the Council at the time the road is constructed.

The Requiring Authority shall submit detailed plans for the watermain in the Flat Bush area to the Council at least six months prior to construction, to provide an opportunity for the Council to co-ordinate their future development works with the proposed construction of the watermain.

39. On completion of construction within Council roads and State Highways, all works shall be reinstated in accordance with the Code of Practice for Working in Roads which applies at the date that the contract for the relevant Project stage is awarded, unless otherwise agreed between the Requiring Authority and the road controlling authority.

40. A completion report for each Project Stage shall be submitted to the Council detailing the reinstatement

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works on all public roads including Quality Assurance records.

41. The Requiring Authority shall submit to the Council, detailed as-built drawings in accordance with the Council's Quality Assurance Manual (QAM) within three months of the commissioning of each stage of the pipeline.

42. Construction hours shall be generally as follows, except where work is necessary outside the specified days or hours for the purposes specified in Conditions 42(a) to (e) below.

- Monday to Friday: 7am to 9pm;
- Saturday: 8am to 5pm; and
- Sundays and public holidays: No Work.

43. Purposes for which work may occur outside of the specified days or hours are:

- a. where work is specifically required to be planned to be carried out at low traffic times (for example, excavation across busy intersections);
- b. for delivery of large equipment;
- c. in cases of emergency;
- d. for securing of the site or removing a traffic hazard; and / or
- e. for any other reason specified in the CMP or SSTMP.

44. The Requiring Authority shall prepare a Communications Plan ("CP") setting out:

- a. the method/s of consultation and liaison with key stakeholders and the owners/ occupiers of neighbouring properties regarding the likely timing and duration of works, alternative routes, access to properties and any proposed alterations to public transport services;
- b. details of prior consultation or community liaison undertaken with the owners/occupiers of neighbouring properties, key stakeholders, schools, public transport providers, emergency services or representative groups regarding proposed road or lane closures, potential diversions and delays, including outlining any measures developed with such persons or groups to manage or to mitigate any adverse effects or inconvenience that may arise; and
- c. full contact details for the person appointed to manage the public information system and be the point of contact for related inquiries.

45. The Requiring Authority shall submit the CP to the Council at least one (1) month prior to construction commencing on any defined stage.

46. When providing details as to how impacts of construction on trees and vegetation will be managed in the CMP, as required by condition 10, the following shall apply: [six detailed criteria included in conditions]

47. Following the completion of construction the Requiring Authority shall provide a monitoring report to the Council that lists all trees, in accordance with condition 39(a), that were subject to any cutting or damage of the roots, trunk, or canopy to an extent deemed more than minor by the Requiring Authority's arborist.

48. Detailed protocols for the management of archaeological and waahi tapu discoveries shall be developed by the Requiring Authority in consultation with tangata whenua and the New Zealand Historic Places Trust prior to construction.

49. The Requiring Authority shall employ a qualified archaeologist who shall:

- a. prior to the commencement of works in the vicinity of the south bank of the Waiohauri Creek, engage an archaeologist to mark out the extent of the intact lens of site R11/ 1111;
- b. be on site to monitor earthworks in rural land adjoining the Waiohauri Creek, including surface stripping of the site, to establish whether any sub-surface archaeological features are present; and
- c. upon completion of the works, the archaeologist shall certify to the Council in writing whether or not any

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archaeological features have been discovered.

50. Subject to Condition 51, if any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:

- a. immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
- b. the Requiring Authority shall immediately secure the area so that any artefacts or remains are untouched; and
- c. the Requiring Authority shall notify tangata whenua, the New Zealand Historic Places Trust and the Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

51. Condition 50 shall not apply where the Requiring Authority holds all relevant approvals under the Historic Places Act 1993, apart from the requirement in the case of discovery of human remains to contact tangata whenua and the New Zealand Police.

52. The Requiring Authority shall notify the Council immediately on identification of any contamination found along the pipeline route which was not identified in the reports submitted in support of the Notice of Requirement, including contaminated soil, surface water or groundwater. Any contamination that is discovered shall be investigated, remediated, disposed of and reported on (including validation) in accordance with the Ministry for the Environment Contaminated Land Management Guidelines and the relevant guidelines addressing contaminants from specific industries or activities.

53. When contractors' yards or other temporary works areas are no longer required for any construction or operational purpose, all buildings, structures and associated activities (including site offices, storage and equipment sheds, fencing and hard stand areas) shall be removed and the area reinstated to at least the standard which existed prior to commencement of works.

54. Reinstatement of the Manukau Sports Bowl (1 & 19R Boundary Road) shall be undertaken in accordance with a specific site reinstatement plan, including proposed landscaping and maintenance, as agreed with Council's Manager – Parks.

Attachments

No attachments.

9541 Cosseys Dam

Designation Number	9541
Requiring Authority	Watercare Services Ltd
Location	Hunua Ranges including Part Allot 67 Parish of Hunua, Lot 2 Allot 90 Parish of Otau and Lot 2 DP 33851
Rollover Designation	Yes
Legacy Reference	Designation 91A, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - Cosseys Dam.

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Conditions

No conditions.

Attachments

No attachments.

9542 Wairoa Dam

Designation Number	9542
Requiring Authority	Watercare Services Ltd
Location	Hunua Ranges including Pt Allotment 33, Allot 65A, 66, 91, 92, 93, 99, 145 and 157 Parish of Otau, and Lot 2 Allot 90 Parish of Otau.
Rollover Designation	Yes
Legacy Reference	Designation 91B, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - Wairoa Dam.

Conditions

No conditions.

Attachments

No attachments.

9543 Wairoa Headworks Service Land

Designation Number	9543
Requiring Authority	Watercare Services Ltd
Location	Hunua Ranges including Lot 2 Allot 90 Parish of Otau, Allot 66, 91, 92, 93 Parish of Otau and Pt Allot 14 and 33 Parish of Otau
Rollover Designation	Yes
Legacy Reference	Designation 92, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - headworks service land.

Conditions

No conditions.

Attachments

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No attachments.

9544 Waiuku Wastewater Treatment Plant

Designation Number	9544
Requiring Authority	Watercare Services Ltd
Location	Near Williams Road (Lot 1 DP 73307 and Lot 1 DP 154681) and adjoining esplanade reserve, Glenbrook
Rollover Designation	Yes
Legacy Reference	Designation 111, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Waiuku Wastewater Treatment Plant.

Conditions

No conditions.

Attachments

No attachments.

9545 Clarks Beach Wastewater Treatment Plant

Designation Number	9545
Requiring Authority	Watercare Services Ltd
Location	Torkar Road and part of 100 Stevenson Road, Clarks Beach
Rollover Designation	Yes
Legacy Reference	Designation 112, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Clarks Beach Wastewater Treatment Plant.

Conditions

No conditions.

Attachments

No attachments.

9546 Bombay Wastewater Treatment Plant

Designation Number	9546
Requiring Authority	Watercare Services Ltd
Location	Barber Road (Lot 10 DP 134365), Bombay Township

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Rollover Designation	Yes
Legacy Reference	Designation 114, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Bombay Wastewater Treatment Plant.

Conditions

No conditions.

Attachments

No attachments.

9547 Kingseat Wastewater Treatment Plant

Designation Number	9547
Requiring Authority	Watercare Services Ltd
Location	16A Buchanan Road, Kingseat
Rollover Designation	Yes
Legacy Reference	Designation 115, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - Kingseat Wastewater Treatment Plant.

Conditions

No conditions.

Attachments

No attachments.

9548 Pukekohe (Totara Avenue) Reservoir

Designation Number	9548
Requiring Authority	Watercare Services Ltd
Location	End of Totara Avenue (Rosesville Park), Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 123, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Waster supply purposes - reservoir and associated structures.

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Conditions

No conditions.

Attachments

No attachments.

9549 Pukekohe (Kitchener Road) Reservoirs

Designation Number	9549
Requiring Authority	Watercare Services Ltd
Location	176 Kitchener Road, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 124, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9550 Pukekohe (Anzac Road) Reservoir

Designation Number	9550
Requiring Authority	Watercare Services Ltd
Location	Anzac Road (Lot 1 DP 85420), Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 125, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

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9551 Pukekohe Hill Reservoir

Designation Number	9551
Requiring Authority	Watercare Services Ltd
Location	327-339 Anzac Road (Pukekohe Hill Reserve), Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 126, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures

Conditions

No conditions.

Attachments

No attachments.

9552 Clarks Beach Reservoir

Designation Number	9552
Requiring Authority	Watercare Services Ltd
Location	Leaming Place (Lot 145 DP 90274 and part of Lot 415 DP 90274), Clarks Beach
Rollover Designation	Yes
Legacy Reference	Designation 130, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir, pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9553 Waiau Beach Reservoir

Designation Number	9553
Requiring Authority	Watercare Services Ltd
Location	Wharf Road and part of Lot 2 DP 458020, Waiau Beach
Rollover Designation	Yes

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Legacy Reference	Designation 131, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9554 Glenbrook Beach Reservoir

Designation Number	9554
Requiring Authority	Watercare Services Ltd
Location	40 Ronald Avenue (Glenbrook Beach Recreation Reserve), Glenbrook
Rollover Designation	Yes
Legacy Reference	Designation 132, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9555 Patumahoe Reservoir

Designation Number	9555
Requiring Authority	Watercare Services Ltd
Location	6 Carter Road, Pukekohe
Rollover Designation	Yes
Legacy Reference	Designation 133, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

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Conditions

No conditions.

Attachments

No attachments.

9556 Buckland Reservoir

Designation Number	9556
Requiring Authority	Watercare Services Ltd
Location	518 Buckland Road, Buckland
Rollover Designation	Yes
Legacy Reference	Designation 134, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9557 Bombay Reservoirs

Designation Number	9557
Requiring Authority	Watercare Services Ltd
Location	Corner Paparata Road and Barber Road (road reserve), and part of Sec 1 SO 66791, Bombay
Rollover Designation	Yes
Legacy Reference	Designation 135, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoirs and associated structures

Conditions

No conditions.

Attachments

No attachments.

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9558 Waiuku Reservoir

Designation Number	9558
Requiring Authority	Watercare Services Ltd
Location	83 Victoria Avenue (Lot 2 DP 134302), Waiuku
Rollover Designation	Yes
Legacy Reference	Designation 138, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9559 Hydraulic Balancing Tank

Designation Number	9559
Requiring Authority	Watercare Services Ltd
Location	Corner of Rutherford Road and Runciman Road (Lot 1 DP 201876), Pukekohe East
Rollover Designation	Yes
Legacy Reference	Designation 145, Auckland Council District Plan (Franklin Section) 2000
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - hydraulic balancing tank.

Conditions

No conditions.

Attachments

No attachments.

9560 Hays Creek Dam

Designation Number	9560
Requiring Authority	Watercare Services Ltd
Location	120 Hays Creek Road and 902 Hunua Road, Drury
Rollover Designation	Yes

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Legacy Reference	Designation 2, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - Hays Creek Dam.

Conditions

No conditions.

Attachments

No attachments.

9561 Papakura Reservoir and Pump Station

Designation Number	9561
Requiring Authority	Watercare Services Ltd
Location	279 Kaipara Road, Papakura
Rollover Designation	Yes
Legacy Reference	Designation 3, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - reservoir, pump station and associated structures

Conditions

No conditions.

Attachments

No attachments.

9562 Papakura Water Treatment Plant

Designation Number	9562
Requiring Authority	Watercare Services Ltd
Location	241 Hunua Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 4, Auckland Council District Plan (Papakura Section) 1991
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - water treatment plant and associated structures.

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Conditions

No conditions.

Attachments

No attachments.

9563 Creightons Road Water Supply Purposes

Designation Number	9563
Requiring Authority	Watercare Services Ltd
Location	251 Creightons Road, Ardmore
Rollover Designation	Yes
Legacy Reference	Designation 5, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes.

Conditions

No conditions.

Attachments

No attachments.

9564 Hays Creek Water Supply Purposes

Designation Number	9564
Requiring Authority	Watercare Services Ltd
Location	Part of 2 and 9 Jones Road (corner Creighton and Jones Road), Drury
Rollover Designation	Yes
Legacy Reference	Designation 6, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes.

Conditions

No conditions.

Attachments

No attachments.

9565 Hingaia Pump Station

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Designation Number	9565
Requiring Authority	Watercare Services Ltd
Location	152 and 158 Park Estate Road, Hingaia
Rollover Designation	Yes
Legacy Reference	Designation 10, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Wastewater purposes - pump station and associated structures.

Conditions

No conditions.

Attachments

No attachments.

9566 Drury Pump Station

Designation Number	9566
Requiring Authority	Watercare Services Ltd
Location	103 Flanagan Road, Drury
Rollover Designation	Yes
Legacy Reference	Designation 42, Auckland Council District Plan (Papakura Section) 1999
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Water supply purposes - pump station and associated structures

Conditions

1. Except as modified by the conditions below, the works shall be undertaken in general accordance with the information provided by Watercare in the Notice of Requirement dated 2 March 2012 and supporting report titled "Assessment of Effects on the Environment – Drury Pumping Station", dated March 2012 as well as the "Notice of Requirement – Drury Pumping Station 103 Flanagan Road, Drury Response to RMA Section 92 Request for Further Information" dated 23 March 2012.

Archaeology and Heritage

2. If any archaeological sites, including human remains are exposed during site works then the following procedures shall apply:
 - a. Immediately after it becomes apparent that an archaeological or traditional site has been exposed, all site works in the immediate vicinity shall cease;
 - b. Watercare shall immediately secure the area so that any artefacts or remains are untouched; and
 - c. Watercare shall notify the New Zealand Historic Places Trust, tangata whenua and the Auckland Council (and in the case of human remains, the New Zealand Police) as soon as practicable that an archaeological site has been exposed so that appropriate action can be taken. Works shall not recommence in the immediate

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vicinity of the archaeological site until any approval required from the New Zealand Historic Places Trust has been obtained.

Construction

Earthworks and Excavations

3. Prior to the works commencing there shall be a pre-commencement meeting on site with the Team Leader Compliance and Monitoring - Southern (301 0101), the consent holder, and the project manager / site supervisor. This meeting shall discuss the proposed work, how it is to be done, and conditions of consent.

4. Watercare shall implement suitable sediment control measures during all earthworks to ensure that all stormwater runoff from the site is managed and controlled such that no silt, sediment or water containing silt or sediment is discharged into stormwater pipes, drains, channels or soakage systems in accordance with Auckland Council's Technical Publication No. 90. In the event that material is deposited on the street, Watercare shall take immediate action at Watercare's own expense to clean the street. These measures shall remain in place until the completion of the development.

Dust Suppression

5. During construction the consent holder shall at all times control any dust in accordance with the Good Practice Guide for Assessing and Managing the Environmental Effects of Dust Emissions, Ministry for the Environment (2001). Mitigation measures shall be undertaken to the satisfaction of the Council's Team Leader Compliance and Monitoring – Southern.

Storage of Materials and Equipment

6. There shall be no storage of construction materials, portable toilets and any other construction equipment or parking of vehicles, including sub-contractors' vehicles on Flanagan Road, except for site meetings. The above shall be stored or parked on-site.

Noise

7. Construction activities shall be managed to generally achieve compliance with the requirements of NZ6803:1999 - Acoustics - Construction Noise

Noise - Operational

8. The following noise levels, measured at or within the boundary of any land zoned Residential or the notional residential boundary of any Rural zoned land, will be achieved by the proposed facility: Monday to Saturday 7.00am to 9.00pm 50 dBA L10 At all other times including Public Holidays 45 dBA L10.

Within 3 months of commencement of the activity on this site a suitably qualified acoustic engineer is to measure the actual noise levels of the facility and is to confirm to Council's Team Leader Compliance and Monitoring – Southern that the above noise standards are being met. The noise levels shall be measured and assessed in accordance with the requirements of New Zealand Standard NZS6801:1991 "Measurement of Sound" and New Zealand Standards NZS6802:1991 "Assessment of Environmental Sound" or other subsequent appropriate standard existing at the time.

Transport and Access

9. The vehicle entrance, vehicle access ways, vehicle manoeuvring areas and parking shall be formed, sealed and provided with stormwater drainage to the appropriate standards of the Auckland Council. The vehicle entrance shall be constructed to Plan R31 from the Auckland Council (Papakura) Development Code with the entrance being at right angles to the road side. The engineering plans for the entrance are to be approved by Council's Senior Development Engineer (Papakura) prior to works commencing.

Drawings and Plans

10. The engineering drawings and specifications are to be in general accordance with the plans submitted with

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the application except that proposed SW MH3 could instead be connected directly to the 2100mm pipeline as a private connection without crossing Flanagan Road.

11. Certified as-built plans are to be provided for all piped drainage with these plans being provided to the Council to the satisfaction of Council's Senior Development Engineer (Papakura)

Outline Plan of Works (OPW)

12. An OPW need not be submitted for the construction, operation and maintenance of the Drury pumping station for water reticulation purposes as the detail of this work is sufficiently described in documents provided in support of the Notice of Requirement (as described within condition 1 above) and has been assessed against Section 176A as required.

13. Watercare shall submit an OPW in accordance with Section 176A of the Resource Management Act 1991 for future water pump additions to the pumping station.

Removal of Existing Designation

14. Within 1 month after the date that the new requirement for the Drury pumping station for water reticulation purposes is confirmed, Watercare shall serve notice to Auckland Council that pursuant to Section 182(1) of the Act that it no longer requires the existing designation for the boost pumping station as described by existing Designation 237 within the Auckland Council District Plan (Papakura section) / Designation 42 within Plan Change 13 to the Auckland Council District Plan (Papakura section).

Attachments

No attachments.

9567 Puketutu Island Rehabilitation

Designation Number	9567
Requiring Authority	Watercare Services Ltd
Location	600 Island Road (Puketutu Island), Mangere
Rollover Designation	Yes
Legacy Reference	No number, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Description

Wastewater purposes - Puketutu Island Rehabilitation. Including but not limited to application of biosolids to land, landform rehabilitation and associated activities.

Conditions

General

1. Except as modified by the conditions below and subject to final design, the works shall be undertaken in general accordance with the information provided by the Requiring Authority, being Watercare Services Limited (Watercare), the Notice of Requirement dated 30 June 2008 and supporting documents being "Puketutu Island Rehabilitation Assessment of Effects on the Environment' Volumes 1, 2 and 3 dated 30 June 2008 and Section 92 Response Reports to Manukau City Council dated 1 October 2008 and 27 March 2009, as modified by Revised URS Drawings 2005210.301-342, 2005210.344-345, 2005210.347-359, 2005210.361-366, 2005210.368-371, 2005210.373-375, 2005210-377-378,2005210.382,2005210.388-389 and 2005210.391-392, July 2010.

2. Watercare shall continue to consult with tangata whenua and representatives of local residents (including the

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Mangere Bridge Residents and Ratepayers Association) through the existing Mangere Wastewater Treatment Plant (WWTP) Community Liaison Group to facilitate the Group extending its role to:

- a. Addressing matters relevant to the biosolids application on Puketutu Island including any concerns of tangata whenua and / or local residents and ways of alleviating them; and
- b. Discussing and selecting options for and disseminating information to the community about future management and use of the Island.

3. The period within which this designation shall lapse if not given effect to shall be 10 years from the date on which it is confirmed in accordance with Section 184(1) of the Resource Management Act 1991.

3A. As soon as practicable following completion of construction of the Project, the Requiring Authority shall, in consultation with the Council:

- a. review the width of the area designated for the Project;
- b. identify:
 - i. any areas of designated land that are no longer necessary for the ongoing operation, maintenance, renewal and protection of the pipeline and ancillary activities;
 - ii. any areas of designated land within the legal road boundaries that are more than 2.5 metres from the centreline of the pipeline (excluding any special chambers/facilities or other associated structures);
- c. give notice to the Council in accordance with Section 182 of the RMA for removal of those parts of the designation identified in (b) above which are not required for the long term operation and maintenance of the Project and provide a plan of the final designated areas to Council; and d. provide as-built plans to the Council.

Construction Noise

4. Construction noise arising from all construction, demolition or maintenance activities on the designated land shall comply with, and be measured and assessed in accordance with NZS6803: 1991 Acoustics - Construction Noise.

"Construction, demolition and maintenance" activities are defined in accordance with the definition provided in the same standard.

Noise

5. The noise arising from any operational activities undertaken on the designated land, measured at or within the notional boundary of any dwelling outside the boundary of the designated land shall not exceed the following limits.

Monday to Saturday 17.00 a.m.-10.00 p.m	50 dBAL10
At all other times including Sundays and public holidays	45 dBA L 10
Monday to Sunday, 10.00pm - 7.00 am	75 dBA Lmax

The notional boundary shall be taken to be a line 20 metres from the facade of any dwelling or the legal boundary where this is closer to the dwelling. Noise levels shall be measured and assessed in accordance with the requirements of New Zealand Standards (NZS 6801:1991 Measurement of sound and NZS 6802:1991 Assessment of Environmental Sound).

6. The requiring authority shall undertake noise measurements upon the reasonable request of the Council to determine compliance or otherwise with conditions 4 or 5. The objectives and specific requirements of the measurements and reporting shall be at the reasonable discretion of the Council.

Archaeology and Heritage

7. Watercare shall, with the assistance of a suitably qualified archaeologist, collate all available documentation and background material relating to the heritage of Puketutu Island. This information shall be collated prior to commencement of works, in consultation with tangata whenua, New Zealand Historic Places Trust, and the Council. The collated information shall have the general objective of providing a framework for the future management of the island's cultural heritage in the longer term.

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8. Detailed cultural protocols for the management of archaeological discoveries shall be prepared in consultation with tangata whenua and the New Zealand Historic Places Trust and shall be provided to MCC and ARC prior to any work commencing. These detailed protocols shall confirm the names and contact details for tangata whenua to be contacted in accordance with Condition 9 below.

9. In the event of koiwi (skeletal remains) or archaeological evidence being uncovered work shall immediately cease in the vicinity of the discovery and the New Zealand Historic Places Trust archaeologist and tangata whenua shall be contacted so that the appropriate action can be taken before work recommences at that location. Resumption of work shall not occur until the required authorisation from the Historic Places Trust, has been received.

10. The stormwater discharge channel, associated spillway and stormwater trenches shall be designed so that recorded archaeological sites in the vicinity are avoided (with the exception of the two sections of dry stone walling). Where archaeological sites cannot be avoided an authority to destroy or modify under the Historic Places Act is first sought from the New Zealand Historic Places Trust.

11. An Authority shall be sought from the New Zealand Historic Places Trust prior to the start of earthworks associated with permanent stormwater soakage channels and the stormwater discharge channel to provide for the possibility that unrecorded subsurface features may be exposed when constructing stormwater channels.

Geological Heritage

12. Any significant geological features discovered in areas unmodified by past quarrying, such as surface features or lava caves, shall be recorded and damage to those features shall, where practicable, be avoided or minimised. Records of any such geological discoveries shall be provided to the Auckland Regional Council and the Manukau City Council for information and future reference.

Dust

13. Beyond the boundary of the designated land there shall be no dust caused by the activities undertaken by Watercare which is noxious, dangerous, offensive or objectionable.

Traffic, Access and Utilities

14. The Requiring Authority shall submit a detailed Traffic Management Plan to Manukau City Council for their approval one month prior to commencing works. All traffic and pedestrian control measures detailed in the Traffic Management Plan shall conform to the New Zealand Transport Agency manual entitled 'Code of Practice for Temporary Traffic Management Issue 2' and dated October 2002 (or successors). Specific matters to be addressed in the Traffic Management Plan shall include:

- a. The temporary diversion of traffic during construction;
- b. Traffic safety;
- c. Control at intersections;
- d. Consideration of hours of work for heavily trafficked roads;
- e. Maintenance of road and property access;
- f. Movement of construction traffic on local roads; and
- g. Ensuring that access between parts of any property temporarily severed by works is maintained to a level that will enable, as far as is practicable, normal operations on the property to continue. This shall specifically include the operations on Puketutu Island of Living Earth Limited and the Marae Precinct, identified on Boffa Miskell Drawing A06072R-004 dated 7 July 2010.

14A. Road access from Island Road to the biosolids application area on the Island shall be:

- a. during the operation of the LEL greenwaste and composting facility, by way of the alternative access route marked in pink on the Plan titled Puketutu Island Rehabilitation drawing number 2005213.003 Rev B;
- b. after the operation ceases, or at such earlier time as may be approved in writing by the operator of the greenwaste and composting facility, by way of either the permanent access route marked in blue on the Plan

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titled Puketutu Island Rehabilitation drawing number 2005213.003 Rev B or the alternative access route marked in pink on the Plan titled Puketutu Island Rehabilitation drawing number 2005213.003 Rev B.

Site Reinstatement

15. When the contractors' yard or other temporary works areas are no longer required for any construction or operational purpose, site offices, storage and equipment sheds, fencing and hard stand areas shall be removed and the areas landscaped and planted.

16. Once the transitional operational enablement area or parts of that area are no longer required by Watercare for any purpose associated with construction of the perimeter embankment or the ongoing biosolids application, the area shall be reinstated in a manner which does not preclude subsequent development of those areas by others for outdoor passive recreational purposes.

17. As soon as practicable following completion of construction, Watercare shall repair any damage to Island Road resulting from the impacts of construction. Such repair may involve short-term maintenance to allow for settling and consolidation of carriageways prior to final repair by Watercare.

Rehabilitation Management Plan

18. The final Rehabilitation Management Plan described in Technical Report N shall be submitted to the Council for written approval. If no response from the Manager of Resource Consents is received within 30 working days of the Rehabilitation Management Plan being submitted, then approval is deemed to have been given.

Outline Plan of Works

19. An Outline Plan of Works shall be submitted to MCC in accordance with Section 176A of the Resource Management Act 1991.

Tangata Whenua

20. Watercare shall:

- a. Actively engage with local Iwi representatives through the WWTP Community Liaison Group, Te Motu a Hiaroa Charitable Trust and Te Motu a Hiaroa (Puketutu Island) Governance Trust so as to establish and implement a process by which Iwi can provide input into the future planning, development and monitoring of the Island;
- b. Report to the Council on the outcome of the Iwi liaison outlined in (a) above. In the event that no progress has been made in developing a process, Watercare shall appoint an Iwi Liaison person to assist with the development and implementation of the process set out in (a) above;
- c. At all times keep Iwi representatives apprised of the progress with the works and any proposals for the transfer of the Island into public ownership; and
- d. Watercare shall provide copies to the Te Motu a Hiaroa Charitable Trust and Te Motu a Hiaroa (Puketutu Island) Governance Trust of the Rehabilitation Management Plan and Landscape Management Plan identified in Conditions 18 and 21 at the same time as these Plans are provided to Council. Watercare shall consult with the two Trusts in relation to these Plans and consider any feedback received in relation to the Plans. To be considered by Watercare, any feedback must be provided within 20 working days of receipt of the Plans from Watercare.

Landscape Management

21. Watercare shall prepare and implement a Landscape Management Plan for the whole designation area. The Landscape Management Plan shall be prepared prior to commencement of works. The purpose of this plan is to ensure:

- a. That ongoing screening of the rehabilitation activities is maintained throughout construction of the embankment, utilising both existing and proposed planting;
- b. That the existing plantations and woodlots are appropriately managed to assist with this screening; and
- c. That the completed landform is integrated with the island and its coastal environment.

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22. The Landscape Management Plan shall generally be in accordance with the following:

- a. Drawing No 2005210 - 560 to 564 Revision July 2010 Puketutu Island Rehabilitation: Landform and Staging Plan 2013, 2018, 2028, 2038 and Completion; and
- b. Technical Report I: Assessment of Landscape & Visual Amenity, prepared by Boffa Miskell Ltd, 30 June 2008, but modified to give effect to the drawings in Condition 22(a) and the Vision and Island Enhancement Plan Drawing 06072R002 - Revision D, 9 July 2010, specifically:
 - i. Appendix 1 - Boffa Miskell: Puketutu Rehabilitation – Plant List;
 - ii. Appendix 2 - Sir Henry Kelliher Charitable Trust – Plantations I Woodlot Information;
 - iii. Appendix 3 - Restoration Plan for Coastal Fringe of Puketutu Island, prepared by Landcare Research; and
 - iv. Appendix 5 - Auckland Regional Council - Park Vision for Puketutu Island January 2008.

23. In preparing the Landscape Management Plan Watercare shall take account of any known archaeological or heritage features in the location of the proposed landscape works, including identified features recorded in the Puketutu Island Archaeological Assessment (Clough and Associates) and the Landscape Survey and Assessment of Stone Walls on Puketutu Island (Clough and Associates) and any relevant information available under Condition 7 at the time that the Landscape Management Plan is prepared.

24. A draft copy of the Landscape Management Plan shall be provided to the New Zealand Historic Places Trust. Watercare shall consult with the New Zealand Historic Places Trust in relation to the draft Land Management Plan and consider any feedback received. To be considered by Watercare, any feedback must be provided within 20 working days of receipt of the Landscape Management Plan by the New Zealand Historic Places Trust.

25. The Landscape Management Plan shall be submitted to the Council as part of the Outline Plan of Works.

Definitions

"Designated land" - refers to all areas of land included in the proposed designation as shown on Watercare Drawing Numbers 2005213-002 and 2005213003 Rev B included in Attachment 1 of the Notice of Requirement.

"Biosolids" - refers to sewage solids that are treated in order to comply with the requirements of USEPA Code of Federal Regulations Part 503 Pathogen and Vector Attraction Reduction Measures or other applicable standard submitted to the Manager ARC for approval.

Attachments

No attachments.

Wiri Oil Services Ltd

Designation Schedule - Wiri Oil Services Ltd

Number	Purpose	Location
9700	Jet fuel transmission purposes	149 Roscommon Road (Wiri Oil Terminal) to the intersection of Orrs Road and Puhinui Road (Auckland International Airport), Wiri

9700 Wiri to Auckland International Airport Jet Fuel Pipeline

Designation Number	9700
Requiring Authority	Wiri Oil Services Ltd
Location	149 Roscommon Road (Wiri Oil Terminal) to the intersection of Orrs Road and Puhinui Road (Auckland International Airport), Wiri
Rollover Designation	Yes

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Legacy Reference	Designation 309, Auckland Council District Plan (Manukau Section) 2002
Lapse Date	Given effect to (i.e. no lapse date)

Purpose

Jet fuel transmission purposes.

Conditions

General

1. For the purpose of these conditions:

- a. Renewal means the replacement of above ground components and the excavation and renewal of sections of the pipe up to 200 mm in diameter. Where practicable the requiring authority shall endeavour to limit excavation and renewal of pipelines to a maximum of 20 lineal metres of pipeline per 14 calendar day period;
- b. Upgrade means adding aboveground components relating to existing isolation valves, cathodic protection terminals, surface markers and warning signage, that are of a similar scale and character; and
- c. Road has the same meaning as in section 2 of the Resource Management Act 1991 ("the RMA").

2. The stated purpose of the designation shall be included in Part 7 of the Auckland Unitary Plan as follows: jet fuel transmission purposes.

3. The works undertaken to give effect to the designation shall be generally in accordance with the plans and information submitted by Wiri Oil Services Limited ("the Requiring Authority") including Proposal 36647, pipeline route maps, Sheets No 1 – No 11 included as attachment B to the Notice of Requirement.

4. The designation corridor shall be a 12 m wide strip on land other than roads, and a 6 m wide strip on land comprising road, as shown on the pipeline route maps - Sheets No 1 - No 11 included as Attachment B to the Notice of Requirement.

5. For the avoidance of doubt, where the designation applies to road corridors the designation shall not extend across any adjacent private property unless that private property is subject to an easement in relation to the WAP.

6. The Requiring Authority shall respond within 15 working days of receiving any request for its written approval under Sections 176 or 177 of the RMA.

7. Prior to the commencement of any physical works within the Designation, the Requiring Authority shall submit to Council an Outline Plan of Works pursuant to Section 176A of the RMA unless condition 27 applies.

8. In the event of archaeological features being uncovered (e.g. shell midden, hangi, oven stones, pit depressions, defensive ditches, artefact material, or koiwi tangata [human skeletal remains]), non-emergency works shall cease within a 10 m radius of the discovery and the council, the New Zealand Historic Places Trust and the appropriate iwi authorities shall be contacted within 72 hours so that appropriate action can be taken. In the event of emergency works, all reasonable steps shall be taken to protect archaeological features and all parties shall be contacted as soon as practicable.

9. The Requiring Authority shall meet all its own costs associated with reviewing any proposal by council to undertake roading works or activities.

10. Access to overhead electricity transmission lines, poles or supporting structures is permitted at all times in accordance with the Electricity Act 1992.

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Land Comprising Roads

11.

- a. On land comprising roads the maximum width of the designation shall be 6 m.
- b. On land comprising roads within the designation corridor, no person other than the Requiring Authority shall disturb the soil below a depth of 0.4 m from the surface without the prior written approval of the Requiring Authority or its authorised agent pursuant to sections 176 and/or 177 of the RMA.
- c. Within the designation corridor no person shall undertake road opening, trenching, excavation or drilling (including micro drilling and directional drilling), or lay underground high voltage power lines, either in parallel with or intersecting the Requiring Authority's pipeline, without first obtaining the latter's written approval.
- d. The Requiring Authority's approval is not required under sections 176 or 177 of the RMA for the following works or activities:
 - i. Road widening or associated works in accordance with an existing road designation;
 - ii. Repair, maintenance or upgrading of an existing road surface;
 - iii. Repair, maintenance or upgrading of any existing network utility infrastructure where a Road Opening Notice ("RON") has been obtained from the Council, provided in all cases that:
 - Soil is not disturbed below a depth of 0.4 m from the surface; and
 - The finished surface level is not reduced below the pre-existing surface datum; and
 - No structure is erected or tree or shrub planted within the designated corridor.
- e. Emergency works may be performed in line with the Vector advice booklet (dated 2004) by excavation to 0.4m depth below the surface and thereafter the use of hand tools only. Emergency operations should be notified immediately to Vector Gas Ltd or their agent who provide an on-call service outside of normal working hours.

Land other than Roads

12.

- a. For land other than roads the maximum width of the designation shall be 12 metres.
- b. Within the designation corridor no person other than the Requiring Authority shall:
 - i. Erect any structure;
 - ii. Plant any tree or shrub;
 - iii. Disturb the soil below a depth of 0.4 m; or
 - iv. Do anything on or to land which may damage or endanger the pipeline without the prior written approval of the Requiring Authority or its authorised agent pursuant to sections 176 and/or 177 of the RMA.
- c. For the avoidance of doubt, such written approval is not required for ordinary cultivation, digging, or excavating, tilling and working soil to a depth of less than 0.4 m.

13. A minimum of 1.5 m cover shall remain above the top of the pipe after any ordinary cultivation, digging or excavation has taken place.

Pipeline Works

14. All pipeline maintenance, repair, upgrade and renewal works or activities that involve excavation on land comprising road within the designation corridor shall be done pursuant to a RON, shall be subject to the RON requirements of council, and shall be carried out in accordance with the Code of Practice for Working in the Road, SNZ HB 2002:2003.

15. All pipeline maintenance, repair, upgrade, and renewal works or activities that involve excavation on land other than road within the designation corridor shall be in general accordance with section 5 "Notice of Entry and Programme of Works" pages 29-30 of Federated Farmers' Guide to Land Access for the Oil and Gas Industry and Landowners: 2002.

16. The Requiring Authority shall at all times ensure that access between parts of any property held in single ownership temporarily severed by works or activities is maintained to a level that will, as far as is practicable, enable normal activities on the property to continue.

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17. On land comprising road within the designation corridor:

a. Scheduled maintenance, repair, upgrade or renewal and associated activities shall take place between the hours of 7am and 7pm Monday to Saturday (excluding public holidays) except:

i. where otherwise approved in a Traffic Management Plan ("TMP") submitted under the RON process to the satisfaction of Council; or

ii. in the event of an emergency; or

iii. with the prior written approval of Council; and

b. Non-emergency works or associated activities shall take place between 7am to 9am and 4pm to 6pm weekdays on all arterial roads except:

i. with the prior written permission of Council; or

ii. in the event of an emergency.

c. The above restrictions do not apply to site works and trenches which may remain open, subject to approved provisions of the TMP required by Condition 18.

18. The Requiring Authority shall submit a detailed TMP to the satisfaction of the Council at least 30 working days prior to commencing major programmed maintenance, repair, upgrade or renewal works.

19. Specific areas to be addressed in the TMP required by condition 18 must include:

a. the temporary diversion of traffic during construction;

b. traffic safety;

c. control at intersections;

d. hours of work for heavily trafficked roads;

e. maintenance of road and property access;

f. movement of construction traffic on local roads; and

g. ensuring that access between parts of any property temporarily severed by works is maintained to a level that will enable, as far as is practicable, normal operations on the property to continue.

20. All traffic and pedestrian control measures detailed in the TMP must conform to the New Zealand Transport Agency's manual: Code of Practice for Temporary Traffic Management 2004 ("CoPTTM").

21. All works or activities related to the designation shall be undertaken in compliance with the New Zealand Electrical Code of Practice for Electrical Safe Distances 2001 (NZECP 34:2001).

22. The noise from works shall be measured, assessed and controlled in accordance with the procedures and limits set out in NZC6803:1999 Acoustics – Construction Noise.

23. Where excavation activities are undertaken pursuant to the designation, appropriate sediment and erosion control measures shall be employed, in accordance with Technical Publication 90 - TP90 Erosion and Sediment Control Guideline for Land Disturbing Activities in the Auckland Region.

Consultation

24. The Requiring Authority shall consult with the New Zealand Transport Agency at least 30 working days prior to carrying out any works or activities on, in or under State Highway 20B, except in emergency situations.

25. The Requiring Authority shall consult with Council at least 30 working days prior to carrying out any works or activities on, in or under Council controlled roads, except in emergency situations or as otherwise agreed with the Council.

26. The Requiring Authority shall consult with and obtain Section 177 RMA approval from the NZ Refining Company Ltd ("NZRC") at least 30 working days prior to carrying out any proposed works or activities within designation 6501 RAP Petroleum Pipeline (Urban Section) - except in emergency situations where excavation below 0.4 m shall be performed by hand. The Requiring Authority shall notify NZRC or its authorised agent of

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any emergency works undertaken as soon as practicable.

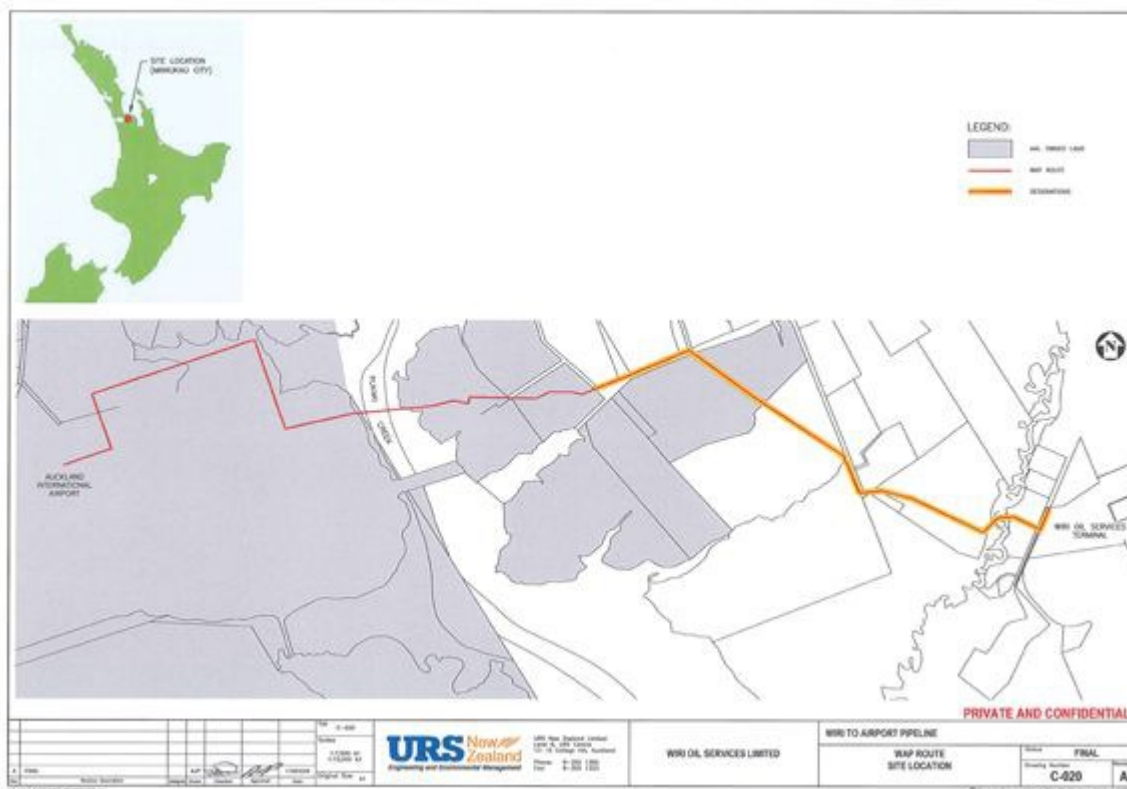
27. Prior to undertaking any works within 10 metres of the centreline of the Puhinui Stream the Requiring Authority shall either submit an Outline Plan of Works or seek the agreement of Council – Stormwater Policy and comply with all their relevant conditions at no cost to Council.

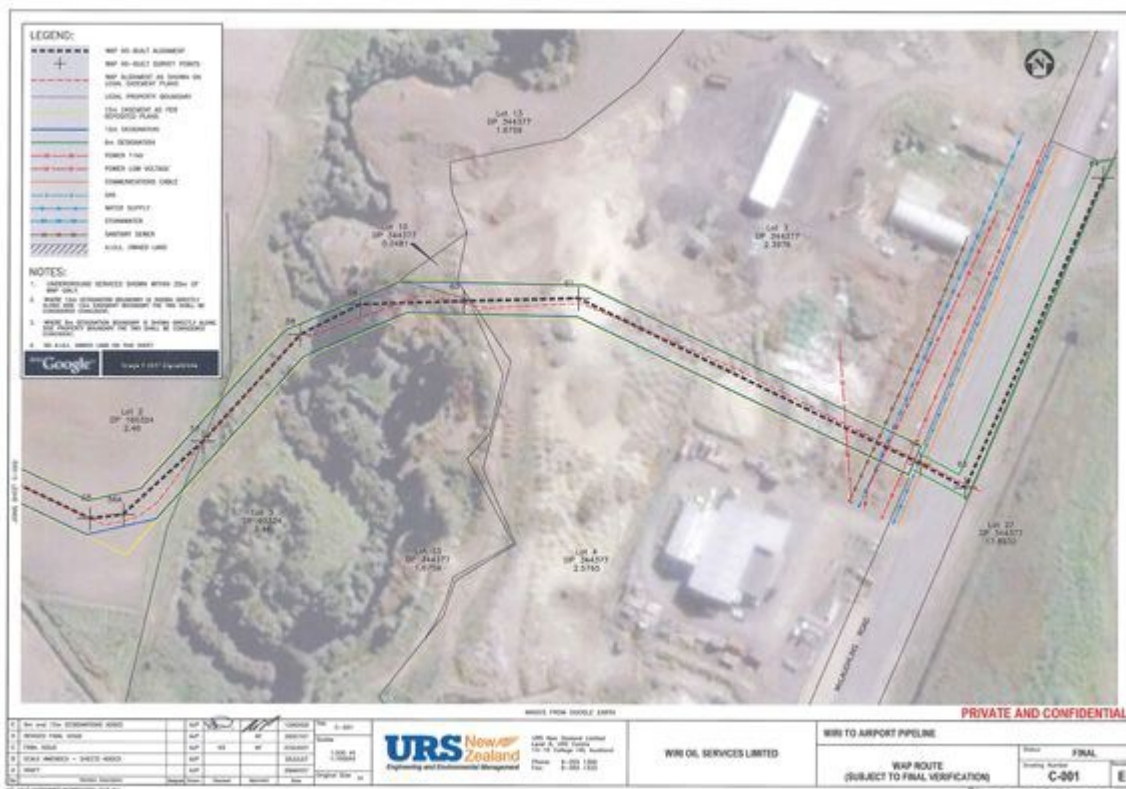
28. The Requiring Authority shall consult with and provide written notice to all directly affected landowners regarding any proposed excavation works or activities on, in or under land within the designation corridor at least 21 working days prior to carrying out any such works or activities, except in emergency situations or as otherwise agreed with the landowners.

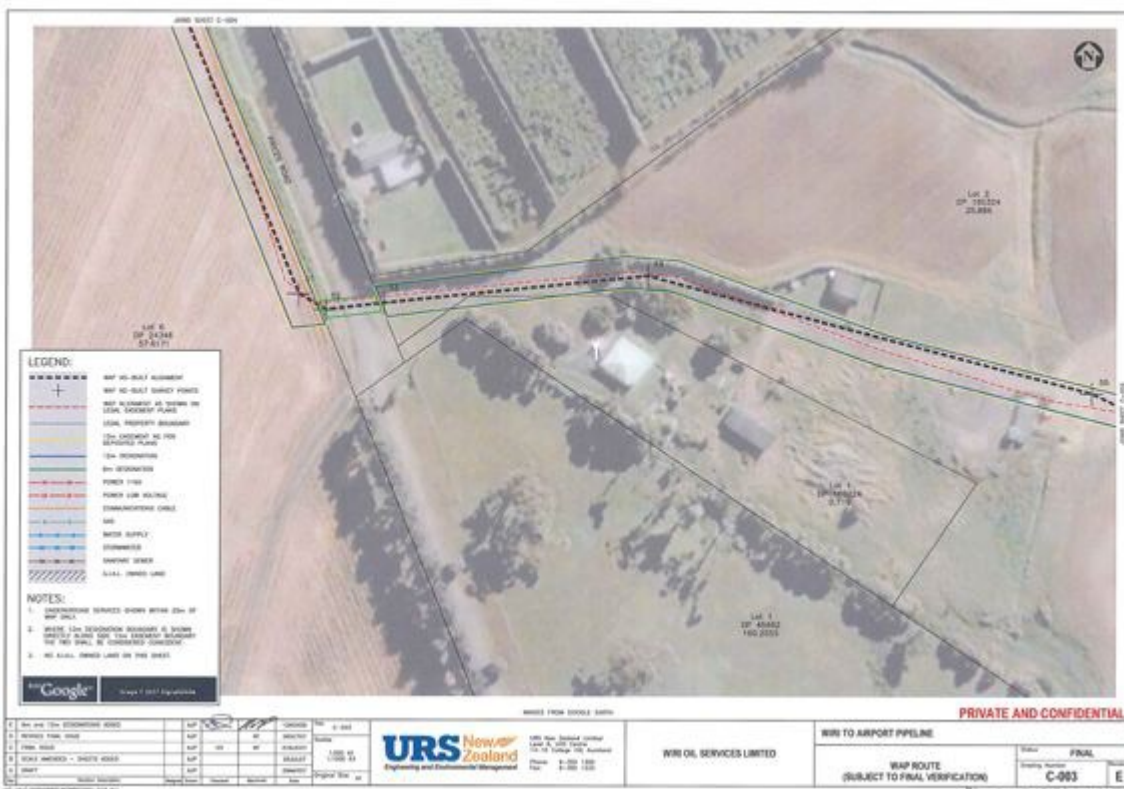
29. The Requiring Authority shall advise Council and any potentially affected landowner as soon as practicable following any WAP leak or spillage of fuel that may affect land either within or outside of the designation corridor.

Attachments

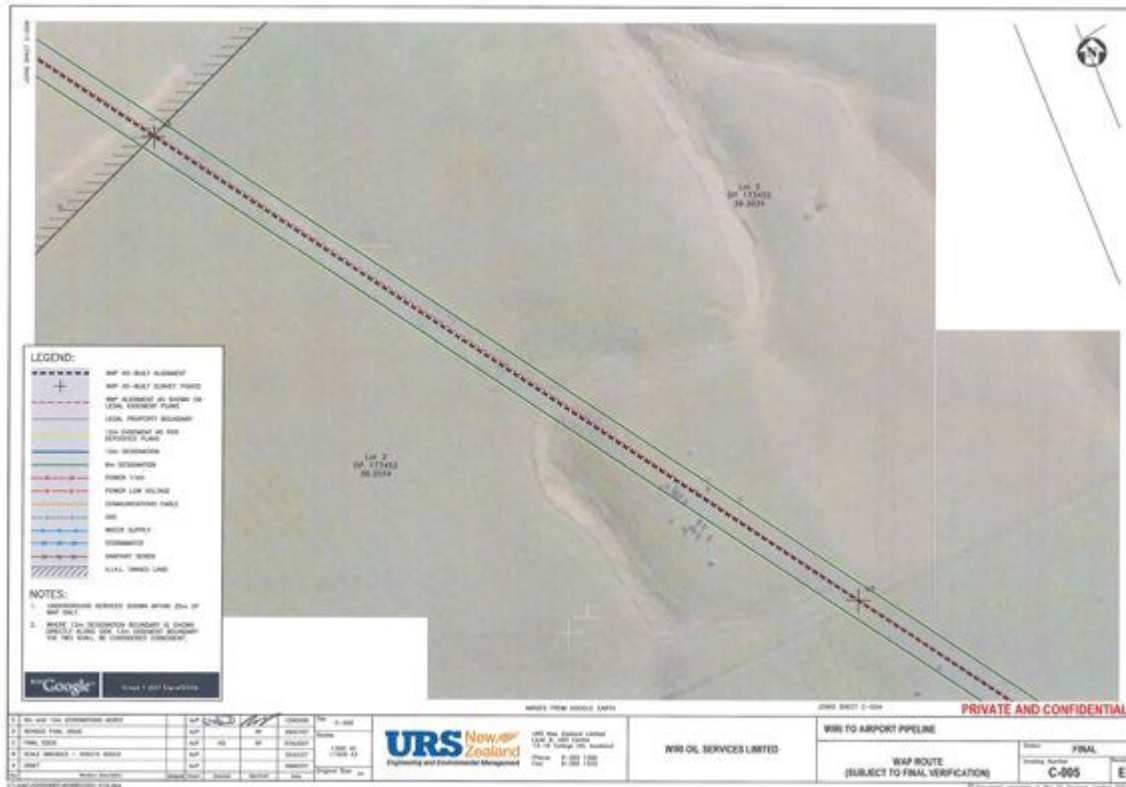
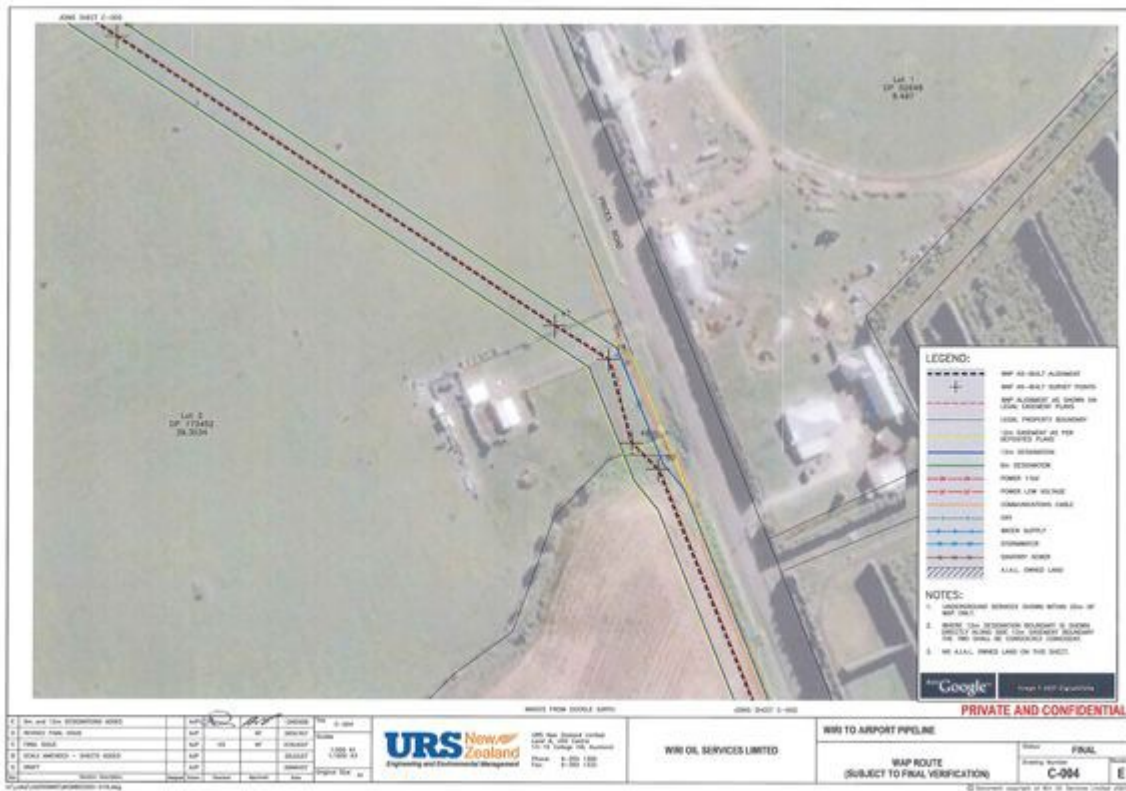
Pipeline Route Maps - Sheets No. 1-11



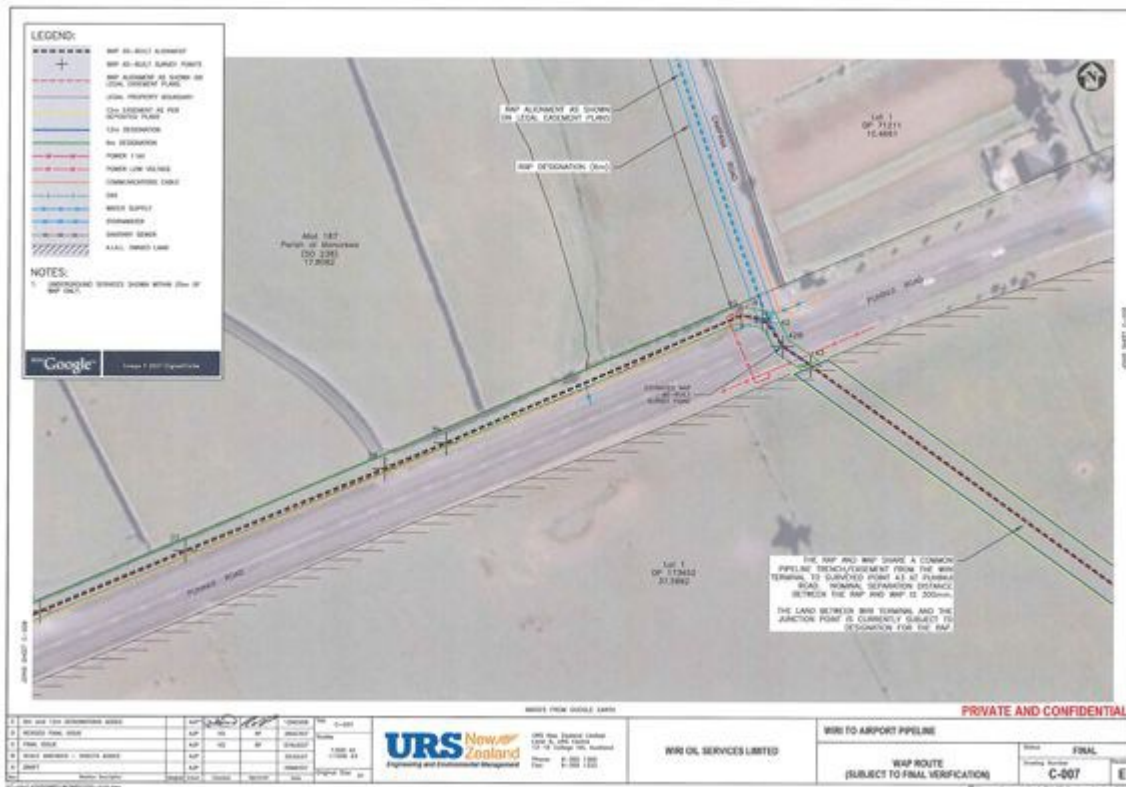
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