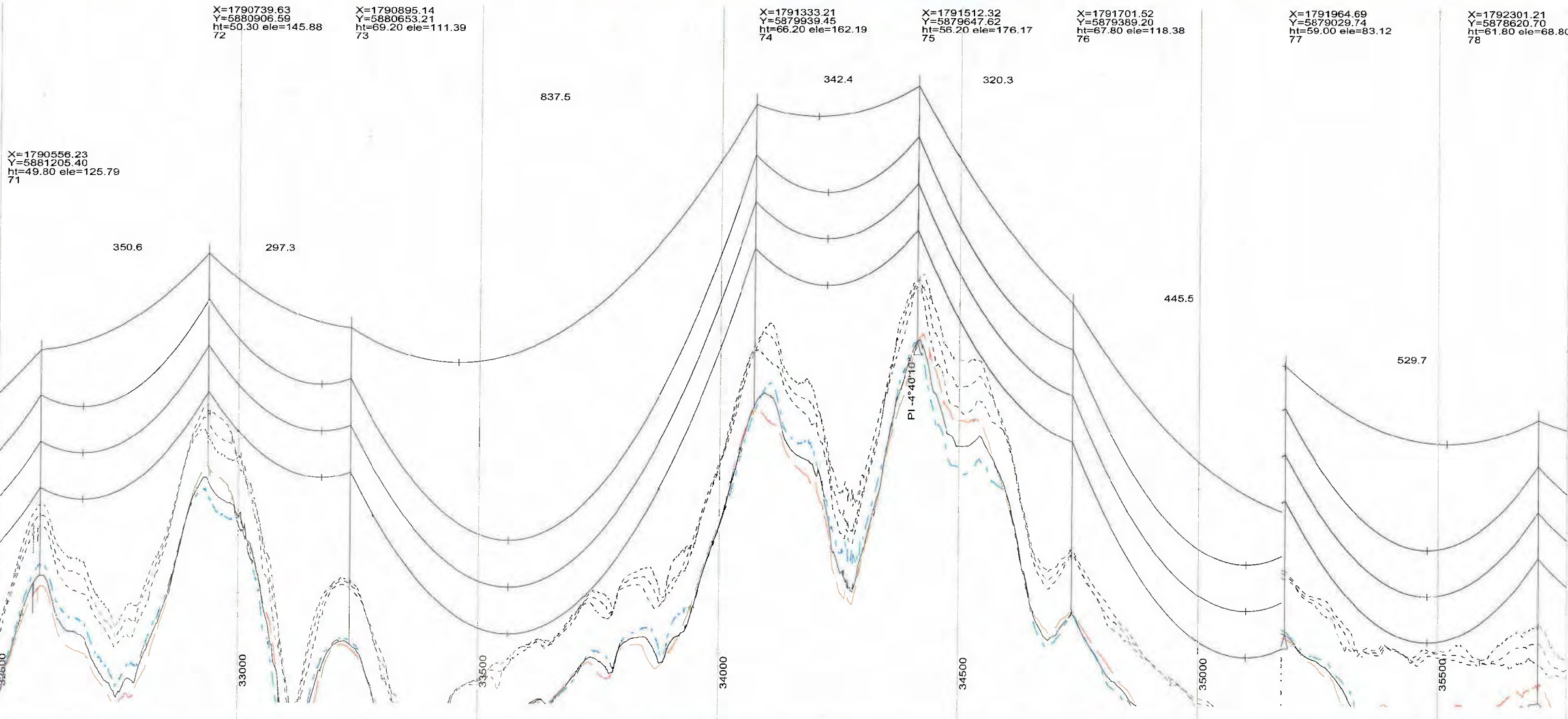
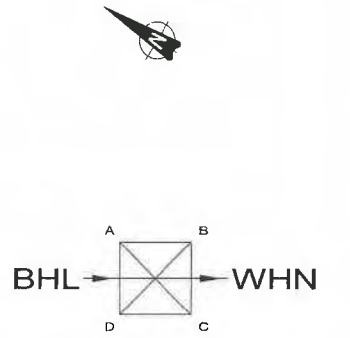
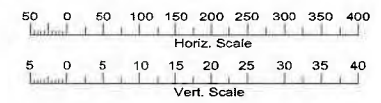


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- NOTES:
1. BASED ON ALS SURVEY DATA FLOWN 02/05.
 2. SURVEY TO NZ GEODETIC DATUM 2000.
 3. NZ TRANSVERSE MERCATOR PROJECTION.
 4. REDUCED LEVELS (RL) ARE TO NZ GEODETIC DATUM 2000 IN METRES ABOVE ELLIPSOID OF THE DATUM.
 5. SCALES: HORIZONTAL = 1:5000
VERTICAL = 1:500
 6. CONDUCTORS: TRIPLEX 61/3.75mm AAAC/1120 (SHOWN AT MAXIMUM OPERATING TEMPERATURE)
 7. GROUND CLEARANCE (DASHED LINE) SHOWN AT 12.7m.
CENTRELINE WIDTH OF 1m.
SIDE PROFILES SHOWN AT 11m.
 8. EASEMENT WIDTHS SHOWN AS AT APRIL 2007.
(MINIMUM EASEMENT WIDTH: 65m.)
 9. PLAN & PROFILE LINE COLOURS:
 - ROAD CENTRELINE
 - PARCEL BOUNDARIES
 - ROUTE BOUNDARIES
 - WATERWAYS
 - AIRPORTS/AIRSTRIPS
 - QE II COVENANTS
 - EXISTING 220KV OVERHEAD LINE
 - EXISTING 110KV OVERHEAD LINE
 - LHS SIDE PROFILE
 - RHS SIDE PROFILE
 10. PLAN & PROFILE LABELS/SYMBOLS:
 - STRUCTURE LOCATION
 - EXISTING 110KV TOWERS
 - EXISTING 220KV TOWERS
 11. STRUCTURE LABELS:
 - X = EASTING
 - Y = NORTHING
 - ht = STRUCT. HEIGHT ele = GROUND RL
 - # = STRUCT. NUMBER



THIS DOCUMENT IS PRODUCED FOR EXTERNAL RELEASE. ITS CONCLUSIONS ARE BASED ON THE INFORMATION CURRENTLY AVAILABLE TO TRANSPOWER AND MAY CHANGE AS FURTHER INFORMATION BECOMES AVAILABLE EITHER INTERNALLY OR EXTERNALLY.

REV	DESCRIPTION
B	FINAL CENTRELINE - FOR ISSUE WITH NoR (2007)

CONSULTANT										TP	
NAME	DSN	DATE	DRN	DATE	CHK	DATE	APP	DATE	APP	DATE	DESIGNED
TP	ADG	04/07	PLS	04/07	RN	04/07	RL	04/07	NN	04/07	DRAWN
											CHECKED
											APPROVED
											TP APPROVED
											PREPARED BY: TRANSPOWER NZ LTD
											ADGL



NORTH ISLAND GRID UPGRADE PROJECT

FINAL CENTRELINE
PLAN & PROFILES
STRUCTURES: 71 TO 78

DRG. SIZE	SCALE	FOLDER
A1	SEE NOTE 5	
DRAWING NUMBER		SHEET
NIGUP-NOR		12/63
PLS-CADD MODEL DETAILS		REVISION
MODEL NAME: BHL-WHN A TRIPLEX 61.3.75MM AAAC-1120		B
LINE NAME: NoR - 61/3.75mm AAAC/1120 @ 75°C (V2)		

DATE PRINTED: 29/07/2008