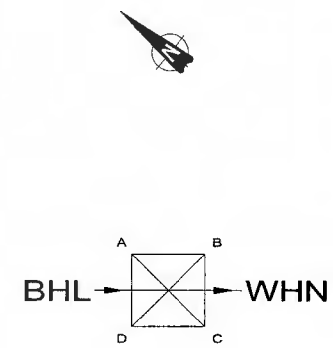
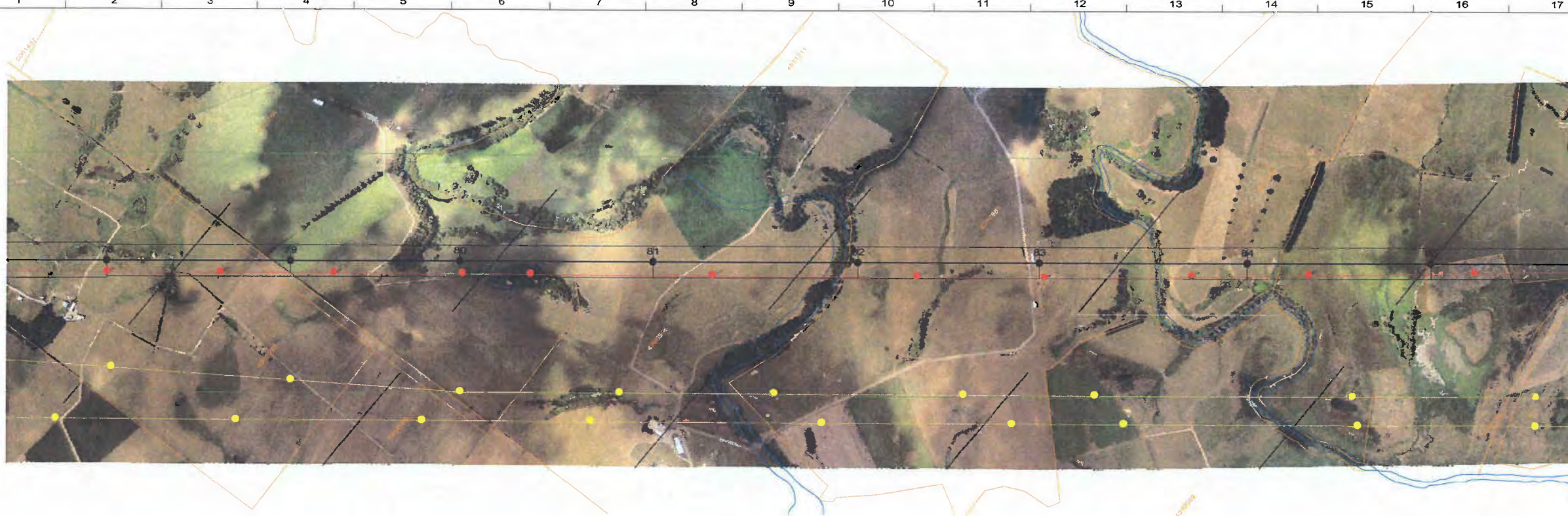


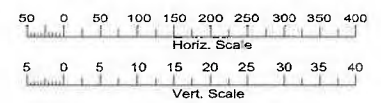
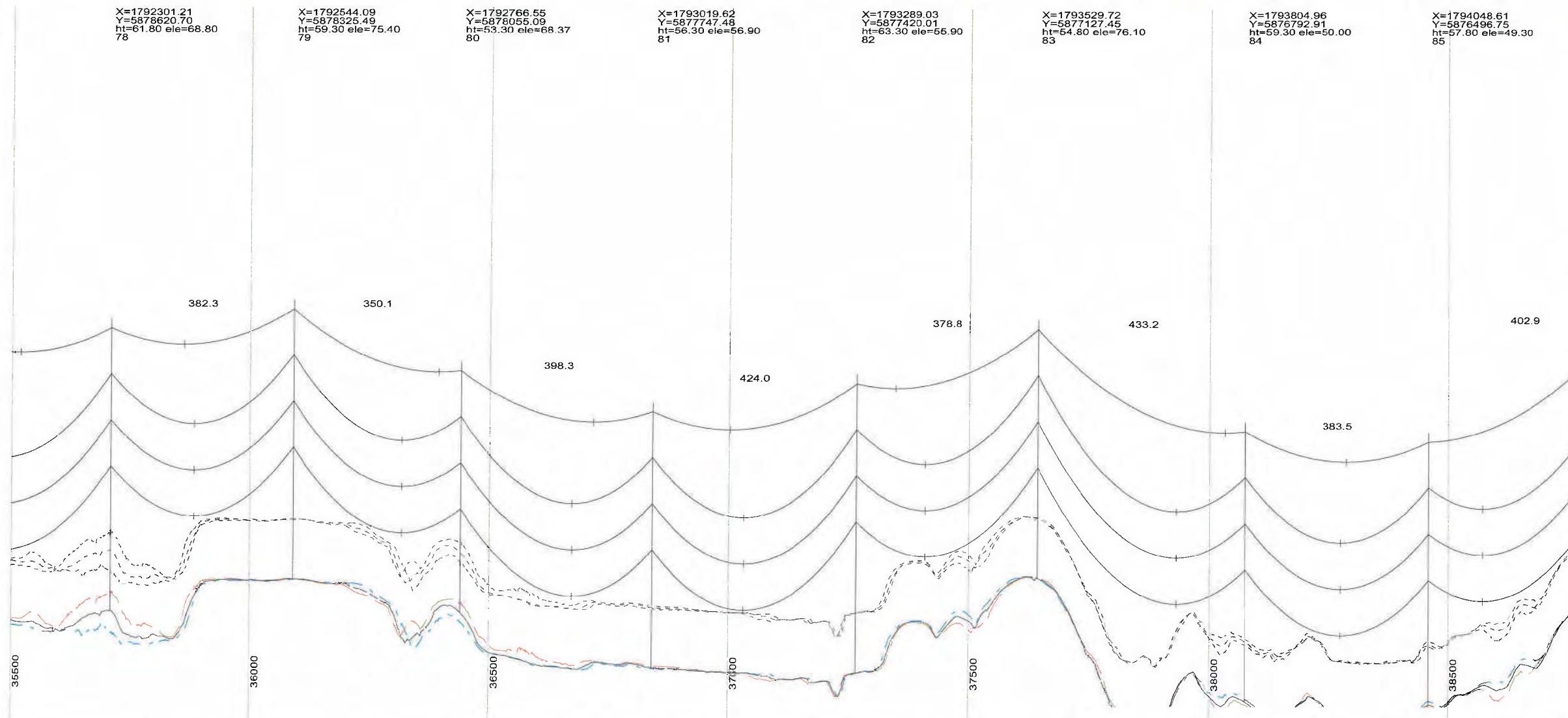
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PLS-CADD Drawing



X=1792301.21 Y=5878620.70 ht=61.80 ele=68.80 78	X=1792544.09 Y=5878325.49 ht=59.30 ele=75.40 79	X=1792766.55 Y=5876055.09 ht=53.30 ele=68.37 80	X=1793019.62 Y=5877747.49 ht=56.30 ele=56.90 81	X=1793289.03 Y=5877420.01 ht=63.30 ele=65.90 82	X=1793529.72 Y=5877127.45 ht=54.80 ele=76.10 83	X=1793804.96 Y=5876792.91 ht=59.30 ele=50.00 84	X=1794048.61 Y=5876496.75 ht=57.80 ele=49.30 85
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- NOTES:
- BASED ON ALS SURVEY DATA FLOWN 02/05.
  - SURVEY TO NZ GEODETIC DATUM 2000.
  - NZ TRANSVERSE MERCATOR PROJECTION.
  - REDUCED LEVELS (RL) ARE TO NZ GEODETIC DATUM 2000 IN METRES ABOVE ELLIPSOID OF THE DATUM.
  - SCALES: HORIZONTAL = 1:5000  
VERTICAL = 1:500
  - CONDUCTORS: TRIPLEX 61/3.75mm AAC/1120 (SHOWN AT MAXIMUM OPERATING TEMPERATURE)
  - GROUND CLEARANCE (DASHED LINE) SHOWN AT 12.7m.  
CENTRELINE WIDTH OF 1m.  
SIDE PROFILES SHOWN AT 11m.
  - EASEMENT WIDTHS SHOWN ARE AS AT APRIL 2007.  
(MINIMUM EASEMENT WIDTH: 65m.)
  - PLAN & PROFILE LINE COLOURS:
    - ROAD CENTRELINE
    - PARCEL BOUNDARIES
    - ROUTE BOUNDARIES
    - WATERWAYS
    - AIRPORTS/AIRSTRIPS
    - OE II COVENANTS
    - EXISTING 220KV OVERHEAD LINE
    - EXISTING 110KV OVERHEAD LINE
    - LHS SIDE PROFILE
    - RHS SIDE PROFILE
  - PLAN & PROFILE LABELS/SYMBOLS:
    - STRUCTURE LOCATION
    - EXISTING 110KV TOWERS
    - EXISTING 220KV TOWERS
  - STRUCTURE LABELS:
    - X = EASTING
    - Y = NORTHING
    - ht = STRUCT. HEIGHT ele = GROUND RL
    - # = STRUCT. NUMBER



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REV	DESCRIPTION	NAME	DSN	DATE	DRN	DATE	CHK	DATE	APP	DATE	APP	DATE	TP	DESIGNED	TRANSPOWER - ADG LINES	DATE
P	B	TP	ADG	04/07	PLS	04/07	RN	04/07	RL	04/07	RN	04/07		DRAWN	PLS-CADD	13/11/2006
														CHECKED	R. NOBLE	13/11/2006
														APPROVED	R. LAKE	13/11/2006
														TP APPROVED	R. NOBLE	13/11/2006
														PREPARED BY:	TRANSPOWER NZ LTD	
														ADGL		



**NORTH ISLAND GRID UPGRADE PROJECT**

**FINAL CENTRELINE  
PLAN & PROFILES  
STRUCTURES: 78 TO 85**

DRG. SIZE	SCALE	FOLDER
A1	SEE NOTE 5	
DRAWING NUMBER	SHEET	REVISION
NIGUP-NOR	13/63	B
PLS-CADD MODEL DETAILS		
MODEL NAME: BHL-WHN A TRIPLEX 61-3.75MM AAC-1120		
LINE NAME: NoR - 61/3.75mm AAC/1120 @ 75°C (v2)		

DATE PRINTED: 28/01/2008