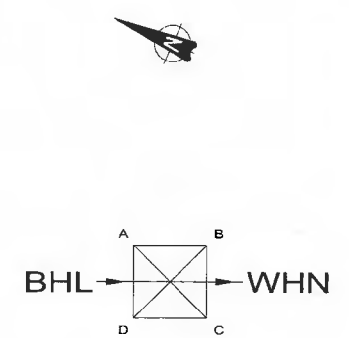


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PLS-CADD Drawing



X=1785371.85  
Y=58891579.40  
ht=66.20 ele=151.88  
47

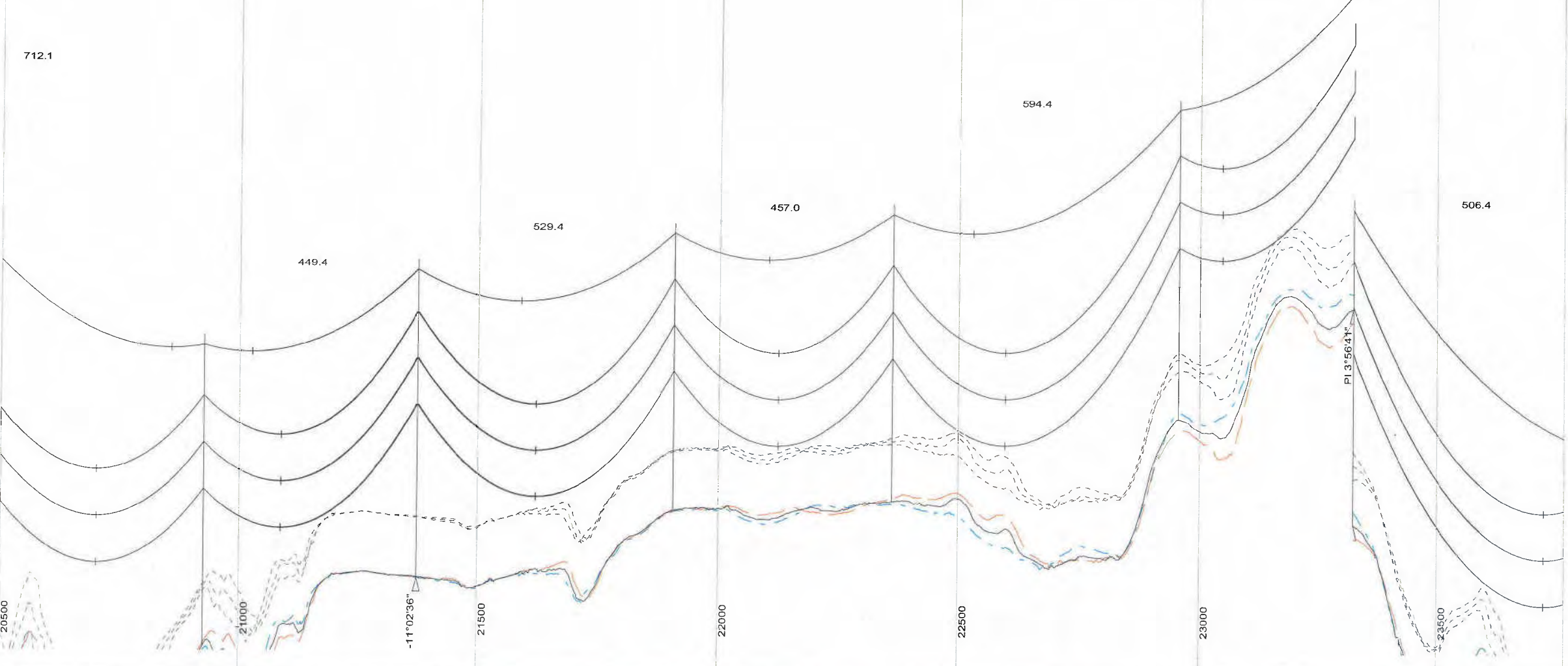
X=1785469.13  
Y=5891140.63  
ht=67.50 ele=166.64  
48

X=1785680.61  
Y=5890655.28  
ht=60.80 ele=181.18  
49

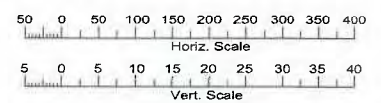
X=1785863.17  
Y=5890236.29  
ht=63.20 ele=183.12  
50

X=1786100.56  
Y=5889691.39  
ht=67.80 ele=200.79  
51

X=1786248.31  
Y=5888352.37  
ht=69.20 ele=224.33  
52



- 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 AAAC/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
    - QE 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
P	B FINAL CENTRELINE - FOR ISSUE WITH NoR (2007)

CONSULTANT										TP		DESIGNED	TRANSPOWER - ADG LINES	13/11/2006
NAME	DSN	DATE	DRN	DATE	CHK	DATE	APP	DATE	APP	DATE	DRAWN			
TP	ADG	04/07	FLS	04/07	RN	04/07	RL	04/07	RN	04/07	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: 47 TO 52**

DRG. SIZE	SCALE	FOLDER
A1	SEE NOTE 5	-
DRAWING NUMBER	SHEET	REVISION
NIGUP-NOR	8/63	B
PLS-CADD MODEL DETAILS		
MODEL NAME: BHL-WHN A TRIPLEX 61-3.75MM AAAC/1120		
LINE NAME: NoR - 61/3.75mm AAAC/1120 @ 75°C (v2)		

DATE PRINTED: 20/01/2008