

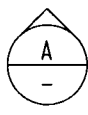
POLE LOADINGS

POLE STRENGTH (AT TOP OF POLE)
 STRONG DIRECTION = 2.94kN
 WEAK DIRECTION = 2.84kN

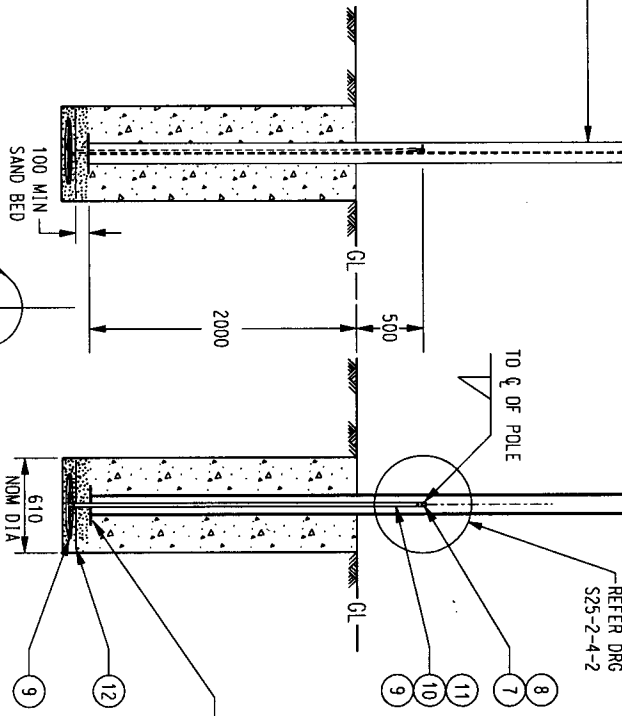
WIND LOADING (AT TOP OF POLE)
 STRONG DIRECTION = 1.66kN
 WEAK DIRECTION = 1.40kN

* POLE NOT TO BE CURVED.
 FOR LINE USE ONLY *

ELEVATION
 Scale 1:40



SECTION
 Scale 1:40



300 X300 X 10 MS
 ATTACHED FOOT PLATE

INSTALL DAMP PROOF
 COARSE OVER COIL.
 COIL 2m OF CU 19/2-14
 70 sq. mm BARE AND JOIN
 WITH COMPRESSION
 CONNECTOR PROFILE 'C'
 STOCK NO. 255786.

NOTES

- ALL CROSSARMS AND BRACKETS FIXED TO THE POLE, USE A 6mm FILLET WELD ALL ROUND WITH E41XX ELECTRODES UNO.
- FIX EARTH TEST LINK TO THE POLE BY INTERMITTENT 6mm FILLET WELDS (WELD 20, MISS 40) USING E316L STAINLESS STEEL ELECTRODES.
- POLE AND ABS WELD POINTS TO BE GROUND TO CLEAN STEEL PRIOR TO WELDING. WELDS TO BE COLD GALVANISED WITH ZINC RICH PAINT.
- ALL WELDING IS TO COMPLY WITH AS 1554.
- REFER POLE LOADINGS ABOVE FOR FORCES.

12	1	DAMP PROOF MEMBRANE	NEW
11	1	CLIP HALF SADDLE		81711
10	2m	CONDUIT FLEXIBLE 20mm		3996
9	1	Cu CONDUCTOR, 19/2.14, 70sq.mm	S1-1-5-5	9803
8	1	LUG, COPPER COMPRESSION 70sq.mm 19/2.14	S1-2-3-11	5512
7	1	M12 BOLT, WASHER AND NUT (welded to centreline of web)		114462
6	1	M24 BOLT X 50 LONG (cw nuts, spring & flat washers)		114629
5	1	LINE POST INSULATOR, 33kV (refer Morlynn drg no H11461)	NEW
4	1	INSULATOR MOUNTING BRACKET (150 PFC welded to pole)	S25-2-4-1	NEW
3	1	TIE WIRE	S1-2-1-2	8839
2	-	CONDUCTOR 3/2.75 SC/AC OR 3/4/2.50ACSR/GZ		8748/1610
1	1	150 UC 37 POLE, 13.5m LONG INCL ATTACHED PLATE 300 X 300 X 10	NEW

NO	DESCRIPTION	DRN	DATE	CKD	APPD
2	ITEM 8 Q/LUG CHANGED TO COMPRESSION.	K.I. RGI	FEB'05	C.C MWB	C.C FRR
1	APPROVED FOR CONSTRUCTION.		SEP'99		
AMENDMENTS					



DES	M. BOCK	POWER STANDARD DRAWING	
DRN	R. INNES	SINGLE WIRE EARTH RETURN 150 UC 37 LINE POLE GENERAL ARRANGEMENT	
CKD	S. SAWYER	A3	DRAWING NUMBER S25-1-1-07
APPD	F. ROBSON		
SCALE	1:40		
ISSUED	21/10/97		
ALL DIM. IN	mm		
DRAFTING STANDARD TO A.S.1100		CAD PRODUCT - DO NOT AMMEND MANUALLY	

