

A

B

C

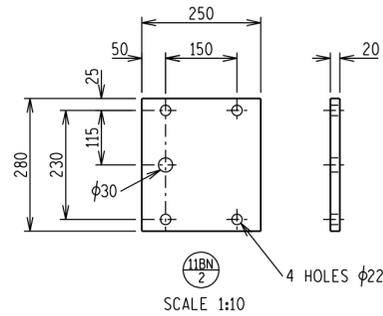
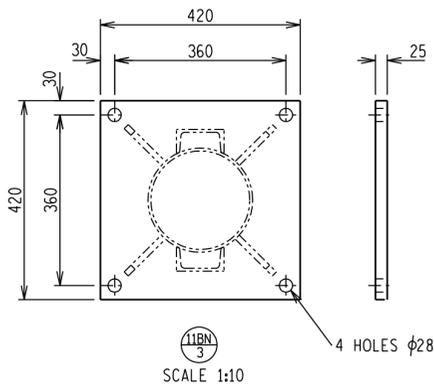
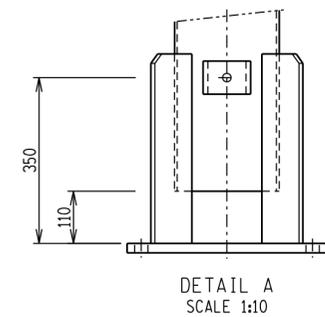
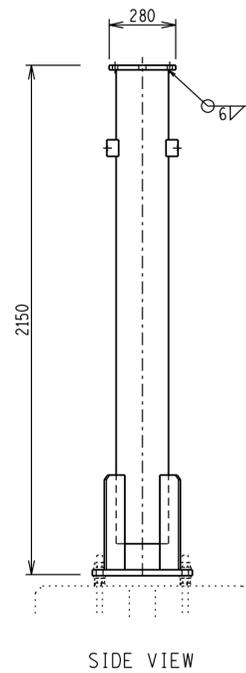
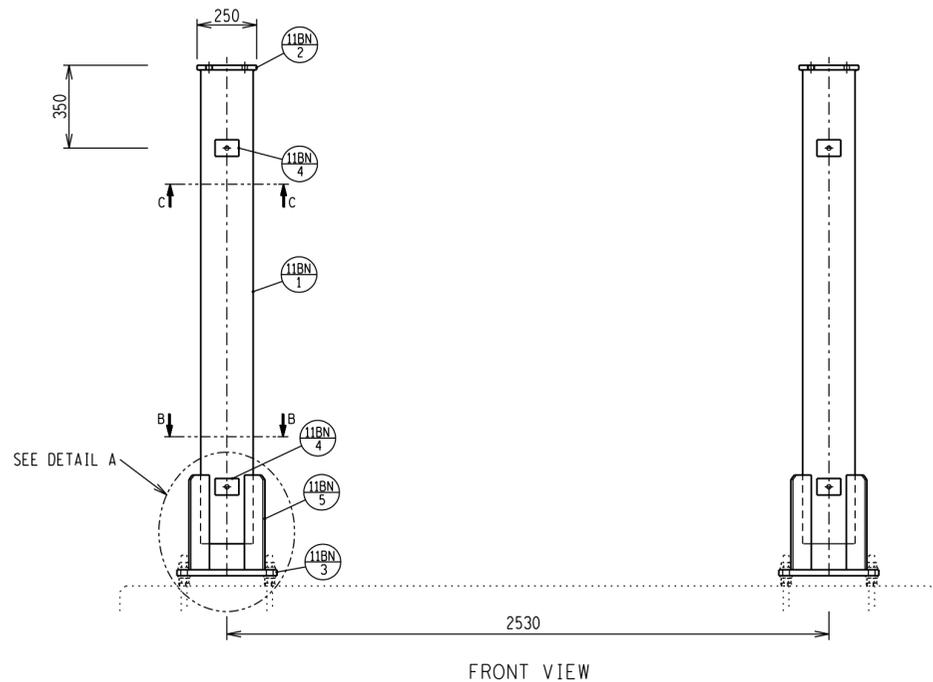
D

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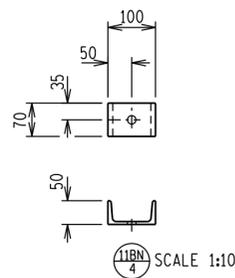
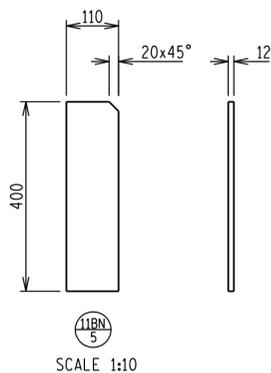
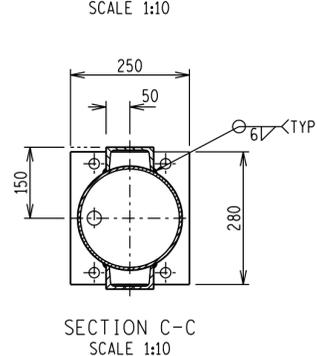
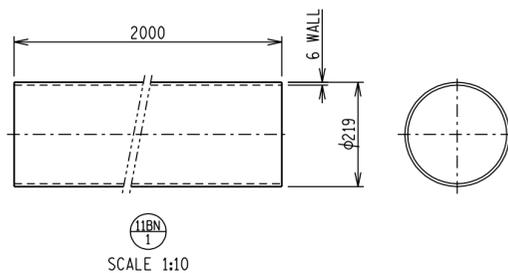
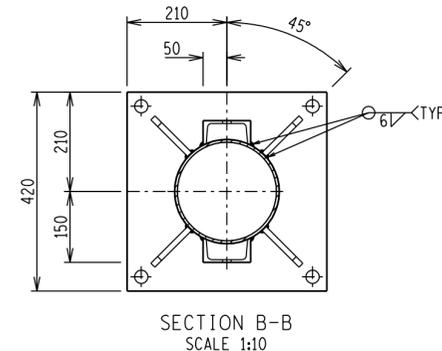
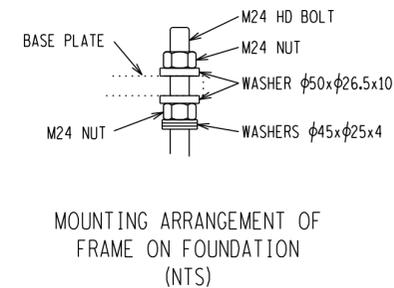
H



NOTES:

- 1 ALL WELDING AND WELDING SYMBOLS SHALL CONFORM TO SANS 10044 PART 1 TO 5.
- 2 ALL STRUCTURAL USE OF STEEL TO CONFORM TO SANS 10162.
- 3 ALL STEEL TO BE GRADE S355JR/350WA (EXCEPT ANGLES $\leq 45\text{mm}$ TO BE MILD STEEL).
- 4 ALL WELDS TO BE SEALED WELDED.
- 5 STEELWORK TO BE HOT DIP GALVANIZED TO SANS 121.
- 6 STEELWORK TO BE CHECKED AND STRAIGHTENED AFTER GALVANIZING.
- 7 BOLTS, NUTS & WASHERS TO BE IN ACCORDANCE WITH SANS 1700.
- 8 ALL MARKINGS TO BE STAMPED ON TO STEELWORK AND SHALL BE CLEARLY LEGABLE AFTER GALVANIZING.
- 9 NO STEEL EXTENSIONS WILL BE ALLOWED ON ANY STEELWORK.
- 10 NO SECTIONS TO BE BUTT WELDED.
- 11 ALL STEELWORK TO BE FABRICATED, ERECTED AND LEVELED TO A TOLERANCE OF $\pm 1.5\text{mm}$.
- 12 ALL HOLES TO BE 18mm DIA UNLESS OTHERWISE STATED.

STEEL SCHEDULE AND MASS					
ITEM	QTY	DESCRIPTION	CUTTING LENGTH (mm)	TOTAL LENGTH (m)	TOTAL MASS (kg)
11BN 1	2	MS ROUND TUBE $\phi 219 \times 6$ WALL	2000	4.00	126.12
11BN 2	2	MILD STEEL PLATE 250 x 20	280	0.56	21.98
11BN 3	2	MILD STEEL PLATE 420 x 25	420	0.84	55.39
11BN 4	8	TF CHANNEL 100 x 50 x 11kg/m	70	0.56	5.94
11BN 5	8	MILD STEEL PLATE 110 x 12	400	3.20	32.96
TOTAL MASS =					242.39



DRG NO.	SHEET NO.	REFERENCE DRAWINGS
D-DT 5200	SHEET 1D	BRKR FND DETAILS SOIL TYPE 3-PAD
D-DT 5200	SHEET 1C	BRKR FND DETAILS SOIL TYPE 1&2-SEP FND
D-DT-5200	SHEET 1B	BRKR FND DETAILS SOIL TYPE 1&2-CUTOUT
D-DT-5200	SHEET 1A	BRKR FND DETAILS SOIL TYPE 1&2-PIPE

THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERCEDES ALL OTHER PUBLISHED DRAWINGS

REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
13	REDRAWN, NOTES UPDATED & HD BOLT ARRANGMENT ADDED	GJB	NMW	BPH	15/05/2012	

Eskom Distribution

AUTH: B HILL
DATE: 06/04/2004
CHKD: B HILL

CIRCUIT BREAKER - 132kV
TUBULAR SUPPORT
STEELWORK MANUFACTURING DETAILS

SAP No. 0182927
SCALE 1:20
THIS DRAWING IS THE PROPERTY OF ESKOM

DATE: 06/04/2004
DRAWN: J SCHOLTZ
DATE: 19/01/2000

SET	SHEET	REVISION
	2A	13