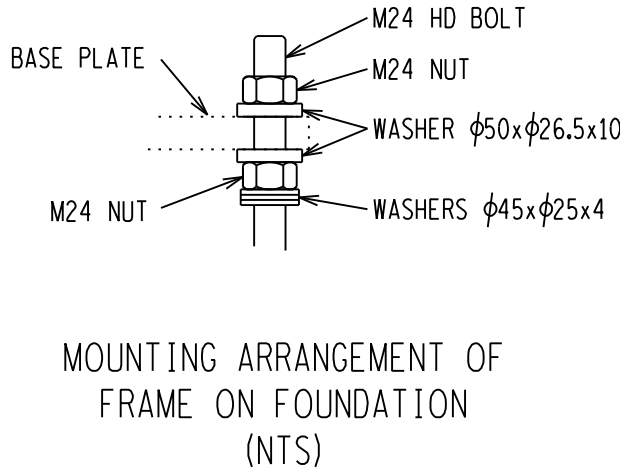



- NOTES:
- 1 ALL WELDING AND WELDING SYMBOLS SHALL CONFORM TO SANS 10044 PART 1 TO 5.
  - 2 ALL STRUCTURAL USE OF STEEL TO CONFORM TO SANS 10162.
  - 3 ALL STEEL TO BE GRADE S355JR/350WA (EXCEPT ANGLES  $\leq 45\text{mm}$  TO BE MILD STEEL).
  - 4 ALL WELDS TO BE SEALED WELDED.
  - 5 STEELWORK TO BE 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



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
DRG NO.	SHEET NO.	REFERENCE DRAWINGS

THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERCEDES ALL OTHER PUBLISHED DRAWINGS						
					/ /	
13	REDRAWN, NOTES UPDATED & HD BOLT ARRANGMENT ADDED	GJB	NMW	BPH	15/05/2012	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
		CIRCUIT BREAKER – 132kV TUBULAR SUPPORT STEELWORK MANUFACTURING DETAILS				
AUTH: B HILL						
DATE: 06/04/2004						
CHKD: B HILL						
DATE: 06/04/2004		D-DT-5200				
DRAWN: J SCHOLTZ						
DATE: 19/01/2000						
				SET	SHEET	REVISION
					2A	13