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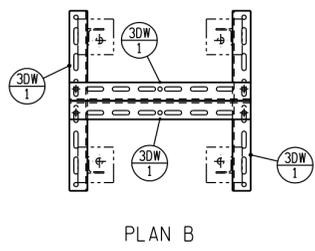
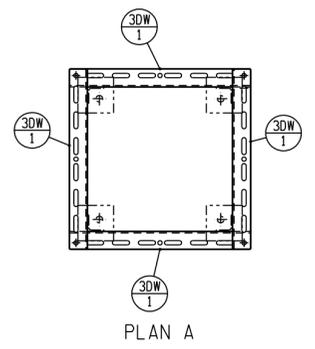
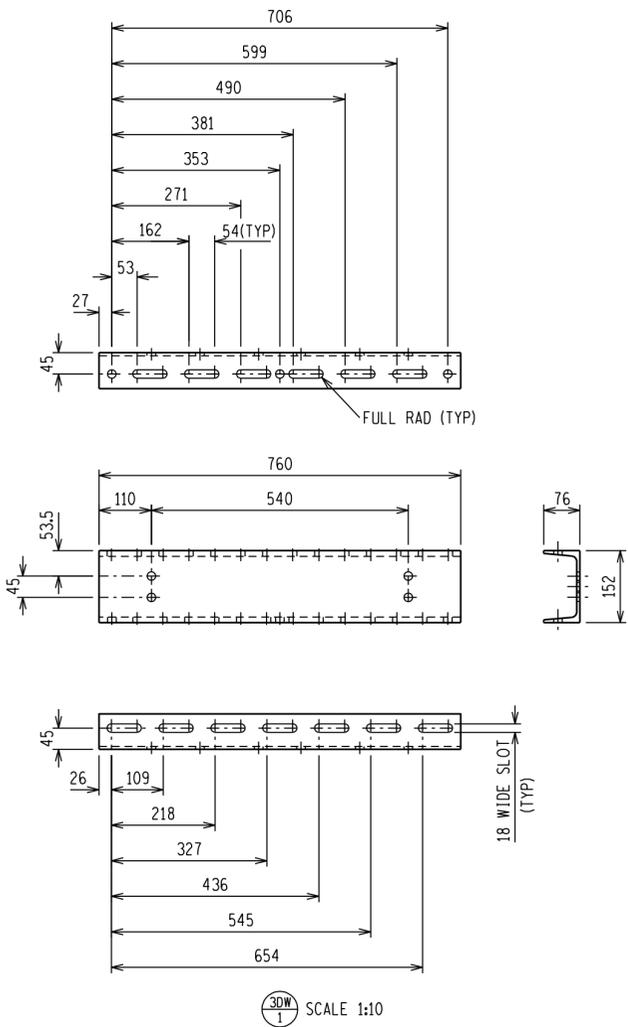
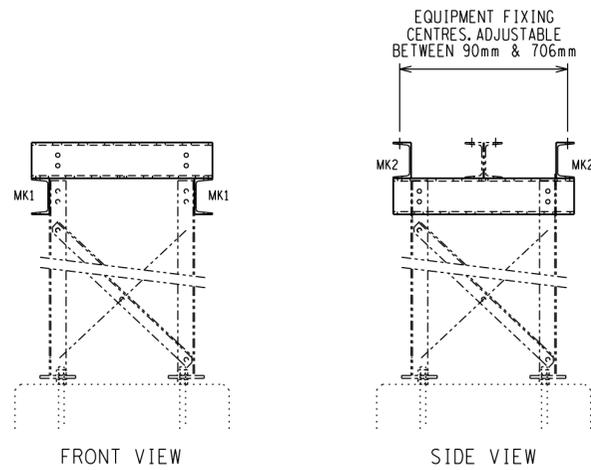
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NOTES:

- 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 ONTO 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.
- 13 ALL PARTS MAY BE USED EITHER AS SHOWN OR UPSIDE DOWN AS REQUIRED TO GIVE THE DESIRED FIXING CENTRES. THIS TO DETERMINED AT SITE DURING ERACTION.

BOLT SCHEDULE									
MARK	BOLT SIZE mm	MILD STEEL GRADE	PITCH mm	LENGTH mm	NO OFF BOLTS	NO OFF NUTS	NO OFF WASHERS	TORQUE Nm	TOTAL MASS KG
1	M16	4.8	2	40	8	8	8	120	1.22
2	M16	4.8	2	45	4	4	4 FLAT 8 BEVEL	120	0.72
MASS OF BOLTS, WASHERS AND NUTS									1.94

STEEL SCHEDULE AND MASS					
ITEM	QTY	DESCRIPTION	CUTTING LENGTH (mm)	TOTAL LENGTH (m)	TOTAL MASS (kg)
3DW 1	4	TF CHANNEL 152 x 76 x 18kg/m	760	3.04	54.41
TOTAL MASS =					54.41

D-DT-5206	SHEET 2G	MEDIUM EQUIP. SUPPORT (6M)
D-DT-5206	SHEET 2F	MEDIUM EQUIP. SUPPORT (4M)
D-DT-5206	SHEET 2E	MEDIUM EQUIP. SUPPORT (3.5M)
D-DT-5206	SHEET 2D	MEDIUM EQUIP. SUPPORT (3M)
D-DT-5206	SHEET 2C	MEDIUM EQUIP. SUPPORT (2.5M)
D-DT-5206	SHEET 2B	MEDIUM EQUIP. SUPPORT (2M)
D-DT-5206	SHEET 2A	MEDIUM EQUIP. SUPPORT (1.5M)
DRG NO.	SHEET NO.	REFERENCE DRAWINGS:

THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERCEDES ALL OTHER PUBLISHED DRAWINGS						
7	REDRAWN, NOTES UPDATED	GJB	NMW	BPH	15/05/2012	
6	REFERENCE TO FOUNDATION DETAIL-PAD REMOVED D-DT 5206S2	NMW	PAT	PAT	06/06/2008	
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.

AUTH: B HILL
DATE: 29/10/1999
CHKD: AG
DATE: 29/10/1999
DRAWN: TMB
DATE: 20/04/1999

MEDIUM EQUIPMENT - CAP M1 CHANNEL SUPPORT STEELWORK MANUFACTURING DETAILS AND ASSEMBLY

SAP No. 0182753
SCALE 1:20
THIS DRAWING IS THE
PROPERTY OF ESKOM

D-DT-5206

SET	SHEET	REVISION
	2H	7