



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 ≤ 45mm 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 + - 1.5mm.
- 12 ALL HOLES TO BE 18mm DIA UNLESS OTHERWISE STATED.

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	12	12	12	120	1.91
MASS OF BOLTS, WASHERS AND NUTS									3.13

STEEL SCHEDULE AND MASS					
ITEM	QTY	DESCRIPTION	CUTTING LENGTH (mm)	TOTAL LENGTH (m)	TOTAL MASS (kg)
3W/4	16	MILD STEEL ANGLE 50 x 50 x 6	793	12.69	56.71
3W/5	4	MILD STEEL ANGLE 70 x 70 x 6	2327	9.31	59.38
3W/5	4	MILD STEEL PLATE 150 x 12	150	0.60	8.48
TOTAL MASS =					124.57

DRG NO.	SHEET NO.	REFERENCE DRAWINGS:
D-DT-5206	SHEET 1F	SUPP.FND SOIL TYPE 3 - 3M SPACING
D-DT-5206	SHEET 1E	SUPP.FND SOIL TYPE 3 - 2M SPACING
D-DT-5206	SHEET 1D	SUPP.FND SOIL TYPE 3 - 1,8M SPACING
D-DT-5206	SHEET 1C	SUPP.FND SOIL TYPE 1 & 2 - PIPE
D-DT-5206	SHEET 1B	SUPP.FND SOIL TYPE 3
D-DT-5206	SHEET 1A	SUPP.FND SOIL TYPE 1 & 2

THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERCEDES ALL OTHER PUBLISHED DRAWINGS						
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE	PROJECT NO.
9	REDRAWN, NOTES UPDATED & HD BOLT ARRANGEMENT ADDED	GJB	NMW	BPH	15/05/2012	
8	BOTTOM BRACE MK 3W/4 ROTATION CORRECTED	PAT	BPH	BPH	06/08/2008	

AUTH: R GUSH
DATE: 10/03/2001
CHKD: N WEBBER
DATE: 02/03/2001
DRAWN: T GUZANA
DATE: 28/02/2001

MEDIUM EQUIPMENT - 2,5M

LATTICE SUPPORT

STEELWORK MANUFACTURING DETAILS

AND ASSEMBLY

SET SHEET REVISION

D-DT-5206

2C 9

SAP No. 0182752
SCALE 1:20
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