

- 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/S355MA 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 1708.
 8. ALL MARKINGS TO BE STAMPED ONTO STEELWORK AND SHALL BE CLEARLY LEGIBLE 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 LEVELLED TO A TOLERANCE OF $\pm 1.5\text{mm}$.
 12. ALL HOLES TO BE 10mm DIA UNLESS OTHERWISE STATED.

BOLT SCHEDULE									
MARK	BOLT SIZE	MILD STEEL GRADE	PITCH	LENGTH	NO OFF BOLTS	NO OFF NUTS	NO OFF WASHERS	TORQUE	TOTAL MASS
				mm				Nm	KG
1	M6	4.8	2	40	64	64	64	120	10.20
2	M6	4.8	2	50	12	12	12	120	2.95
3	M6	4.8	2	80	8	8	8	120	1.79
MASS OF BOLTS, WASHERS AND NUTS									14.94

STEEL SCHEDULE AND MASS				
ITEM	QTY	DESCRIPTION	CUTTING LENGTH (mm)	TOTAL MASS (kg)
CSE 1	2	MILD STEEL ANGLE 80 x 80 x 8	3015	6.03
CSE 2	2	MILD STEEL ANGLE 80 x 80 x 8	3015	6.03
CSE 3	6	1F CHANNEL 152 x 76 x 18kg/m	532	3.20
CSE 4	2	1F CHANNEL 152 x 76 x 18kg/m	2600	5.20
CSE 5	8	MILD STEEL ANGLE 50 x 50 x 6	712	5.61
CSE 6	18	MILD STEEL ANGLE 50 x 50 x 6	426	7.67
CSE 7	2	MILD STEEL UNEQUAL ANGLE 150 x 90 x 10	700	1.56
CSE 8	4	1F CHANNEL 100 x 50 x 10kg/m	2600	18.40
TOTAL MASS				455.69

REV	REVISION DESCRIPTION	BY	CHKD	DATE	PROJECT NO.
10	REDRAWN, CSE 2 HORIZONTAL	AJM	MM	MM	03/11/2015
9	REDRAWN, NOTES UPDATED & HO BOLT ARRANGEMENT ADDED	CJB	MM	MM	15/05/2012
8	STEELWORK UPDATED TO 60% EDITION S40 BULK AND	MM	MM	MM	02/04/2009
7	STEELWORK UPDATED TO 50% EDITION S40 BULK AND	MM	MM	MM	02/04/2009

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

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MV CABLE END SUPPORT
1 - 2 x SINGLE CORE CABLE/PHASE
LATTICE SUPPORT STEELWORK
MANUFACTURING DETAILS AND ASSEMBLY

SAP No. 00000000
SCALE 1:20
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DATE: 20/09/2009
DRAWN: D LAURICHER
DATE: 27/09/2009

SET
SHEET
REVISION

D-DT-5213
2C
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