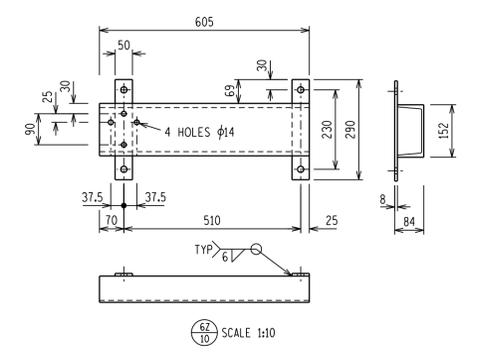
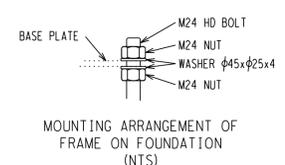


- NOTES:**
- 1 ALL WELDING AND WELDING SYMBOLS SHALL CONFORM TO SANS 10044 PART 1 TO 5.
  - 2 ALL STRUCTURAL USE OF STEEL TO CONFORM TO SANS 10162.
  - 3 ALL STEEL TO BE GRADE S355JR/350WA (EXCEPT ANGLES ≤ 45mm TO BE MILD STEEL).
  - 4 ALL WELDS TO BE SEALED WELDED.
  - 5 STEELWORK TO BE HOT DIP GALVANIZED 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	35	8	8	8	120	1.21
2	M16	4.8	2	40	20	20	20 FLAT 20 BEVEL	120	3.62
3	M16	4.8	2	45	32	32	32	120	6.05
4	M16	4.8	2	45	6	6	6 FLAT 6 BEVEL	120	1.14
MASS OF BOLTS, WASHERS AND NUTS									12.02

STEEL SCHEDULE AND MASS					
ITEM	QTY	DESCRIPTION	CUTTING LENGTH (mm)	TOTAL LENGTH (m)	TOTAL MASS (kg)
62-1	2	TF CHANNEL 152 x 76 x 18kg/m	2400	4.80	85.92
62-2	2	TF CHANNEL 152 x 76 x 18kg/m	2400	4.80	85.92
62-3	2	TF CHANNEL 152 x 76 x 18kg/m	4320	8.64	154.65
62-4	4	MILD STEEL UNEQUAL ANGLE 150 x 90 x 10	400	1.20	29.12
62-5A	2	MILD STEEL UNEQUAL ANGLE 100 x 75 x 8	160	0.32	3.39
62-5B	2	MILD STEEL UNEQUAL ANGLE 100 x 75 x 8	160	0.32	3.39
62-6	4	MILD STEEL ANGLE 50 x 50 x 6	1405	5.65	25.25
62-7	4	MILD STEEL ANGLE 50 x 50 x 6	560	2.24	10.01
62-8	4	MILD STEEL ANGLE 50 x 50 x 6	765	3.06	13.76
62-9	4	MILD STEEL ANGLE 50 x 50 x 6	765	3.06	13.76
62-10	1	TF CHANNEL 152 x 76 x 18kg/m	605	0.60	10.83
62-10	2	MILD STEEL FLAT BAR 50 x 8	290	0.58	1.82
TOTAL MASS =					437.82



D-DT-5203	SHEET 1B	SUPP. FDN SOIL TYPE 3
D-DT-5203	SHEET 1A	SUPP. FDN SOIL TYPE 1&2
DRG. NO.	SHEET NO.	REFERENCE DRAWINGS

THIS DRAWING IS THE NEW OFFICIAL REVISION AND IT SUPERCEDES ALL OTHER PUBLISHED DRAWINGS					
12	REDRAWN, NOTES & HD BOLT ARRANGEMENT ADDED	GJB	NMW	BPH	15/05/2012
11	ITEM 62/4, 62/9 & 62/5 CORRECTED 1ST ANGLE PROJECTION SIGN ADDED	NMW	BPH	BPH	06/09/2008
REV	REVISION DESCRIPTION	BY	CHKD	AUTH	DATE
					PROJECT NO.

**Eskom Distribution**

ISOLATOR STD - 66kV MANUAL  
LATTICE SUPPORT  
STEELWORK MANUFACTURING DETAILS  
AND ASSEMBLY - 2M PHASE CRS

AUTH: B HILL  
DATE: 26/08/2002  
CHKD: N WEBBER

SAP No. 0193939  
SCALE 1:20  
THIS DRAWING IS THE PROPERTY OF ESKOM

DATE: 04/01/2002  
DRAWN: C LOTTERING  
DATE: 23/06/2002

D-DT-5203

SET	SHEET	REVISION
	2A	12