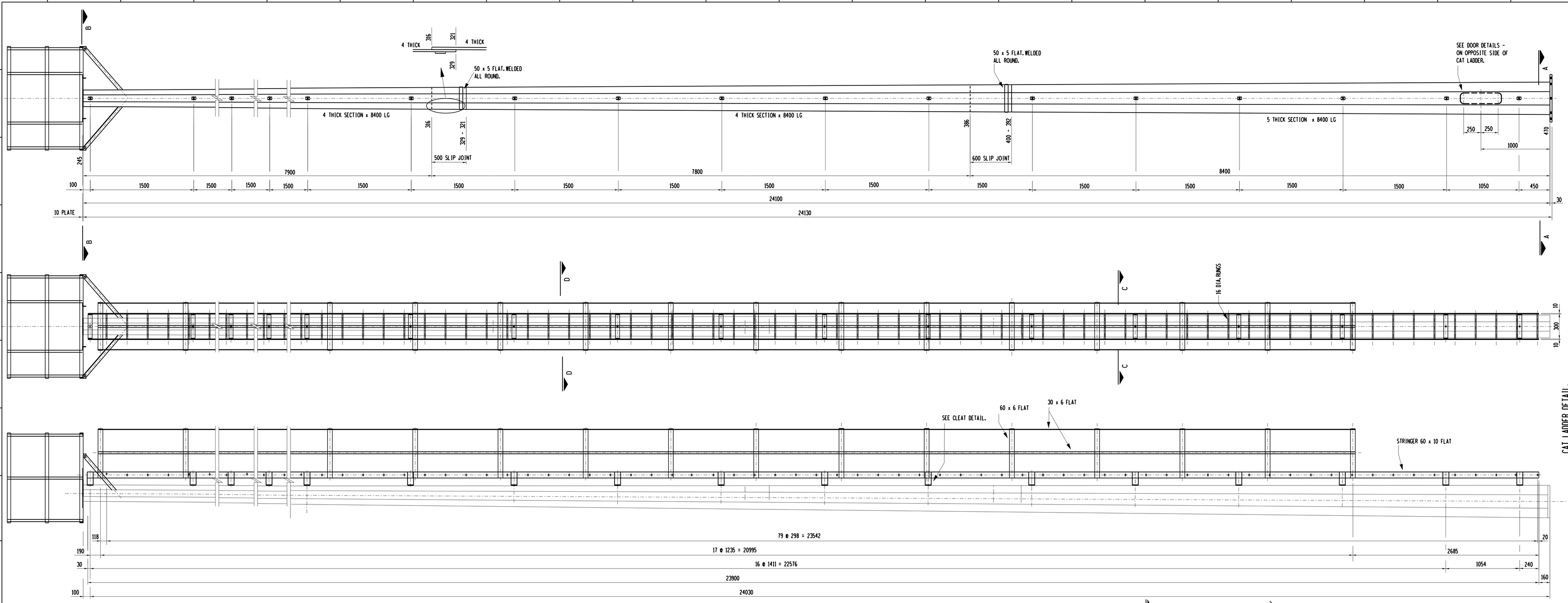

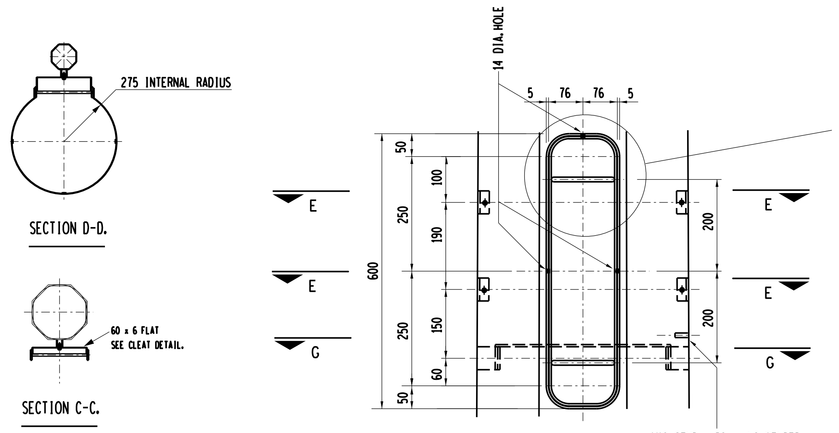

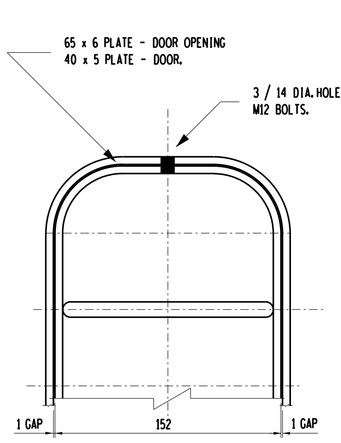

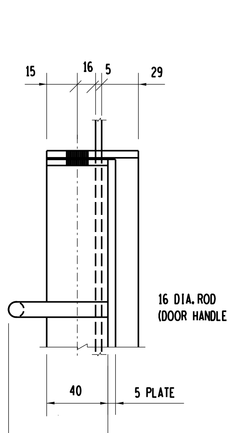

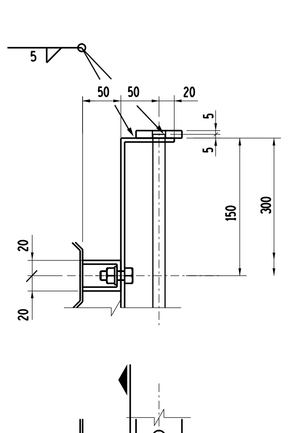

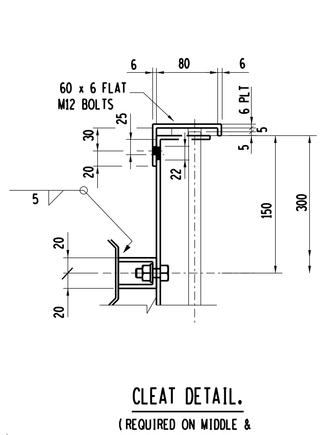

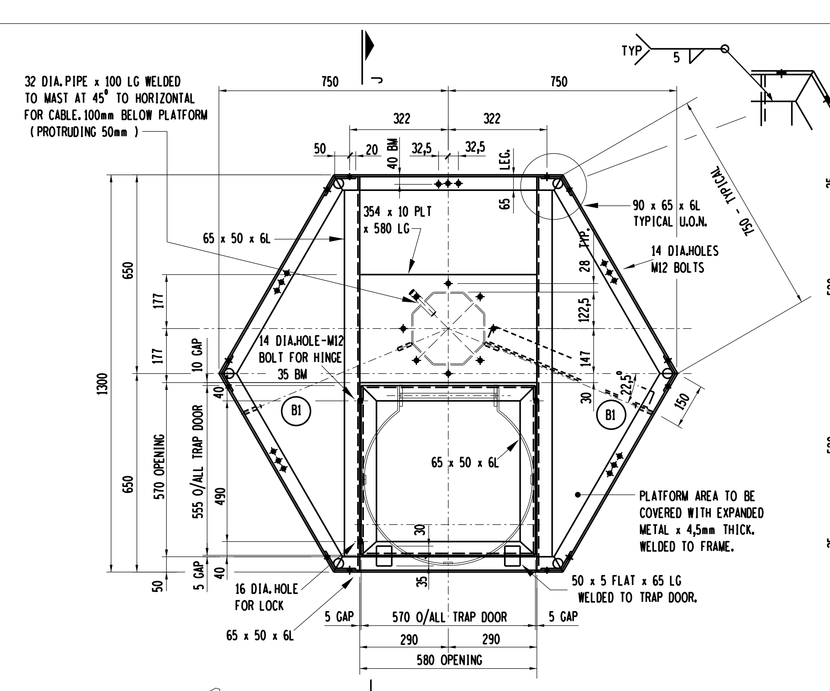

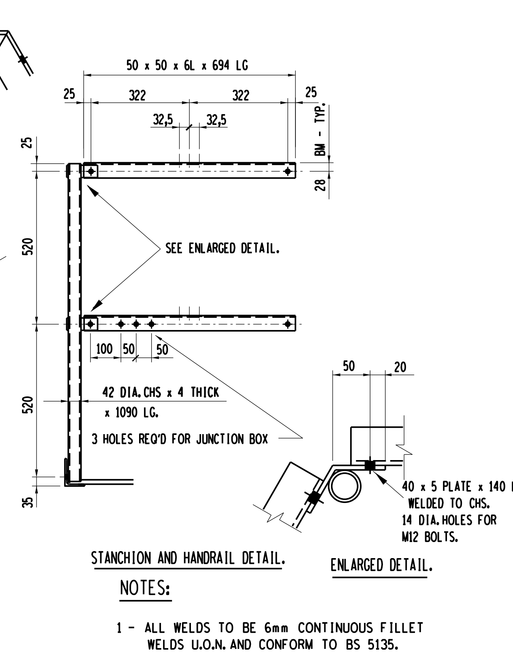

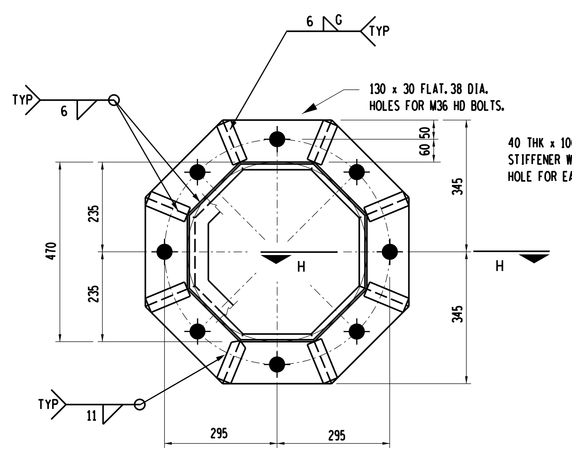

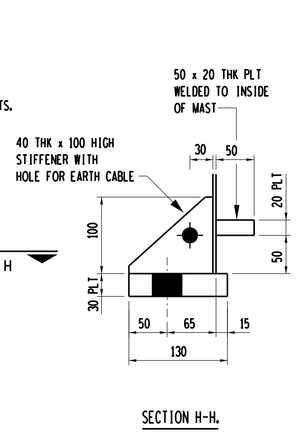

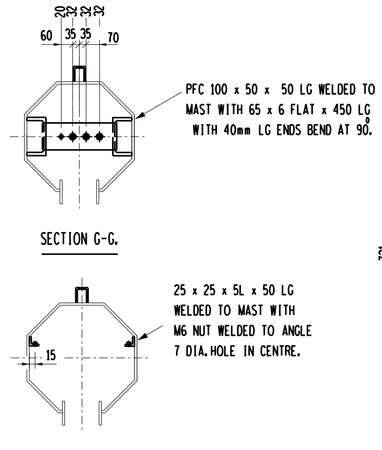

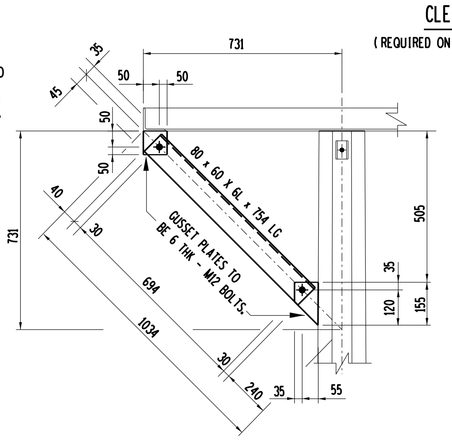

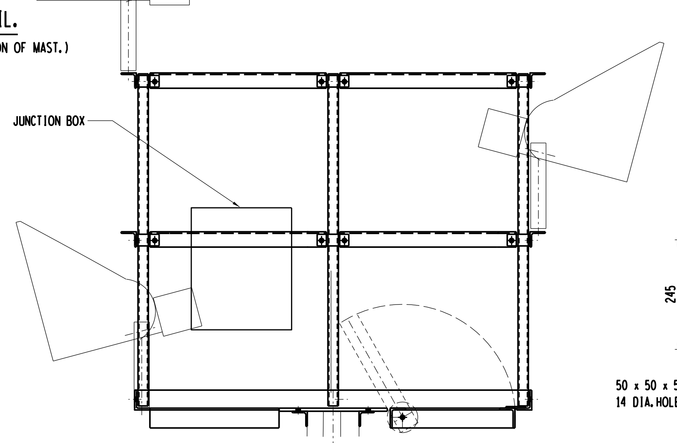

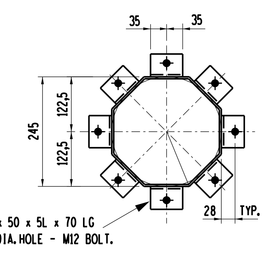

BOLT SCHEDULE		
STRENGTH GRADE 8.8		
TYPE	LENGTH	No. OFF
M16	30	17
M12	30	30
M12	25	45
M6	25	2

1.) BOLTS TO BE SUPPLIED WITH ONE NUT/WASHER.
2.) ALL BOLTS TO BE GALVANISED.

MAST WEIGHT = 1782 kg.

NOTES:

1 - ALL WELDS TO BE 6mm CONTINUOUS FILLET WELDS U.O.N. AND CONFORM TO BS 5135.
2 - WELDING SYMBOLS IN ACCORDANCE WITH S.A.B.S. 0.44.
3 - ALL WELDS TO BE SEAL WELDED.
4 - STEELWORK TO BE HOT DIP GALVANIZED TO S.A.B.S. 763. ANY DAMAGE TO GALVANISED SURFACES SHALL BE PREPARED WITH AN APPROVED ZINC-METAL SPRAY OR INORGANIC ZINC-RICH PAINT COMPLYING WITH SABS 929. APPLICATION TO SUPPLIERS SPECIFICATIONS.
5 - ALL BOLTS TO BE GRADE 8.8
6 - SLIP JOINTS TO BE SECURED MECHANICALLY.

REV	AUTH	DATE	REVISION/REVISIES	BY DEUR	CHKD NAGES	
4	DJCS	06/14	GRADE 4.8 BOLTS CHANGED TO GRADE 8.8	AT	DJCS	
3		09/99	PLATFORM/BRACING REVISED.	A.D.		
2		08/98	CAT LADDER BRACKET REVISED.	A.D.	JJN	
1		05/96	BRACKET REMOVED & HOLES ADDED.	A.D.	JJN	
0			FIRST ISSUE / EERSTE UITREIKING			4659 FOUNDATION

ONDERTEKEN REGISTR | DRAWN GETEKEN A. D. 24/11/94 | SCALE SKAAL 1 : 20 | APPROVED GOEDGEKEUR M v/d ENDE. 28/11/94

TRANSMISSION SUBSTATION TECHNOLOGY DEPARTMENT
ESKOM

400kV (24M) LIGHT MAST

LAYOUT AND DETAIL OF MAST, CAT LADDER AND LANDING.

0-54/ REFERENCE DRAWINGS VERWYSINGSTEKENINGE

PLOT SCALE 200:1
CAD DRAWING NAME: 400FLD.DGN
C.A.D REFERENCE No. MUTS 0.54/4658L000.R01

0.54/4658 REV 4

SIZE GROOTTE A0L