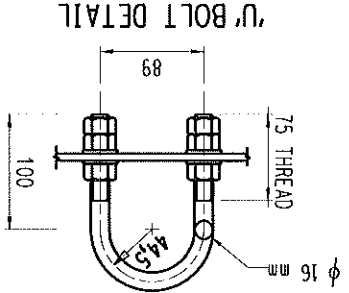


H
C
F
E
D
C
B
A

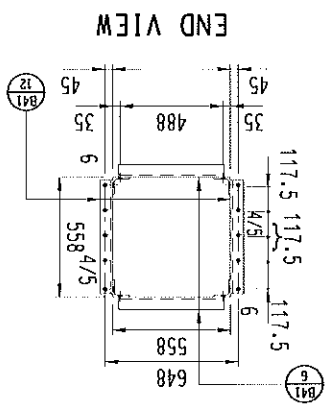
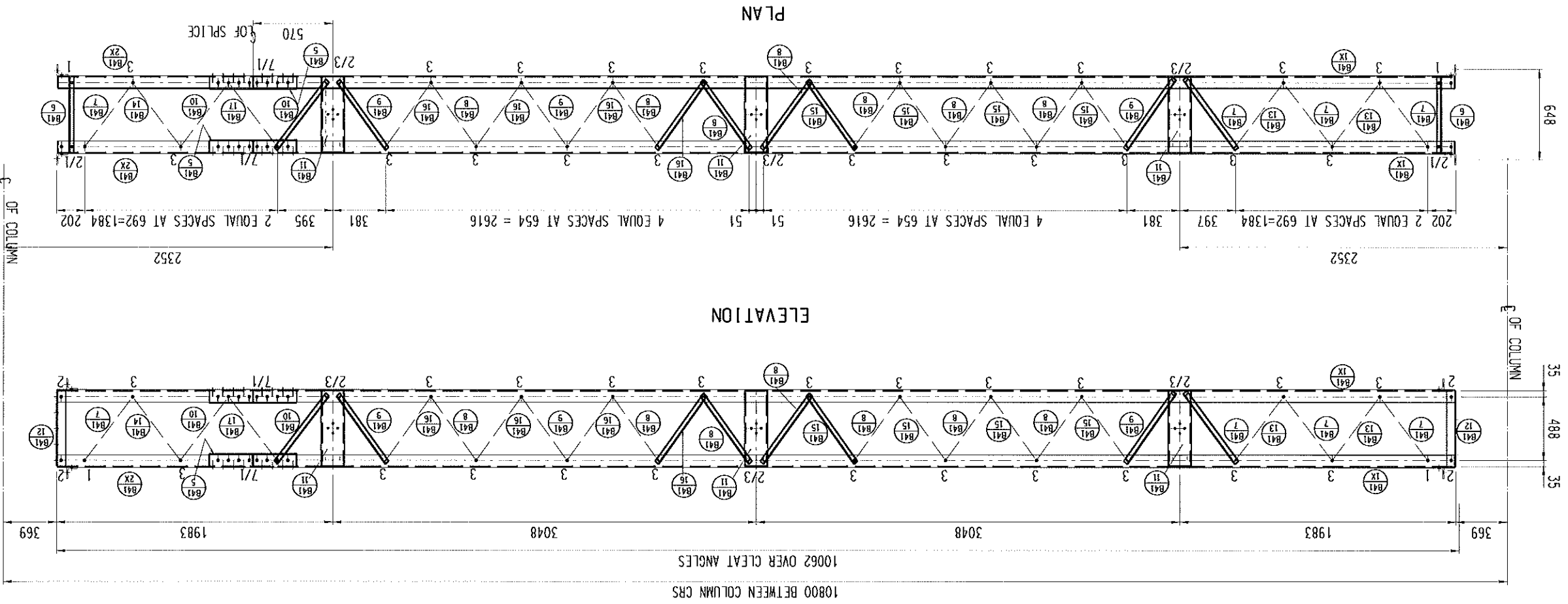
MASS SCHEDULE IN Kg	STRUCTURE	718
	BOLTS	36
	U-BOLTS	0.9

BOLT SCHEDULE (STRENGTH GRADE 4.8)				
MARK	DIA	LENGTH	No OFF WASHERS	No OFF
1	M 16	40	2	72
2	M 16	40	1	8
3	M 16	45	2	128
4	M 16	50	2	8
5	M 20	50	1	16
6	M 20	55	2	4

BOLTS NOTES:
1- WASHERS TO BE PLACED UNDER NUT
2- ALL BOLTS TO BE GALVANISED
3- BOLTS POSITIONS INDICATED: NO OFF/MK



BEAM MARKED 132/35/1



- NOTES:
- 1 - QUANTITIES SHOWN ARE FOR ONE ITEM ONLY
 - 2 - ALL STEELWORK TO BE HOT DIP GALVANIZED TO SANS 121.
 - 3 - FABRICATION TOLERANCE TO BE $\pm 1\text{mm}$
 - 4 - HOLES DIA TO BE AS MARKED
 - 5 - THE CONTRACTOR SHALL SUPPLY ALL NUTS, BOLTS, WASHERS, ETC, REQUIRED FOR ERECTION
 - 6 - H.D. BOLTS SUPPLIED UNDER SEPARATE CONTRACT.
 - 7 - ALL WELDING SHALL CONFORM TO 10044
 - 8 - ALL PORTIONS OF WELDED JOINTS, NOT SEALED BY STRUCTURAL WELD, SHALL BE SEAL WELDED
 - 9 - ALL MARKS TO BE STAMPED ONTO STEELWORK AND SHALL BE CLEARLY LEGIBLE AFTER GALVANIZING

REVISION DESCRIPTION		REV
REDAWN ON CAD		1
APPROVED BY		
P.L.B.		
DATE		23/10/62
CHECKED BY		
F.J.S.		
DATE		21/1/62
DRAWN BY		
C.A.		
DATE		14/6/62
SCALE		M.T.S.

0.54/3776	0	1
132 kV YARD STEELWORK (BOLTED)		
10800 BEAM ARRANGEMENT		
ESKOM Transmission		
SHEET NUMBER		
REVISION		

REV	DESCRIPTION	DATE	BY	CHKD	AUTH
1	REDAWN ON CAD	30/04/07	T.S.		
2	10800 BEAM DETAIL	3777			
3	LIGHTING SPIKE	340			
4	ANTI-Climbing Device	339			
5	132kV COL. FOUND DETAIL	341			
6	132kV COL. BEAM DETAIL	337			

0.54/