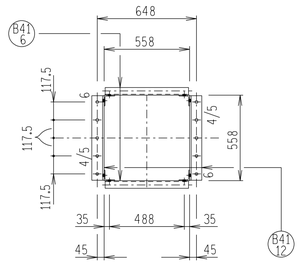
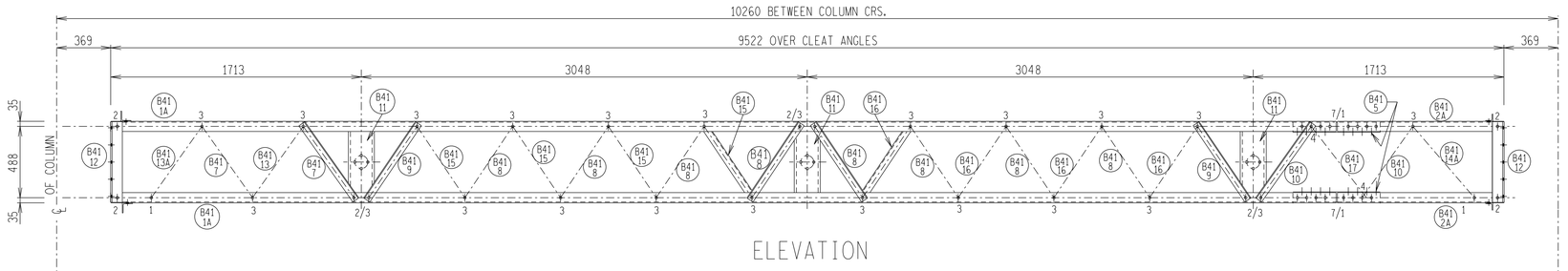
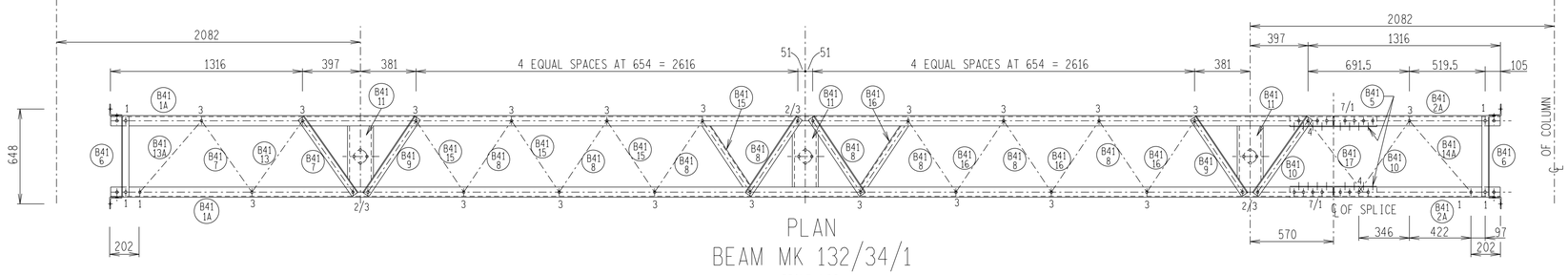


END VIEW



ELEVATION



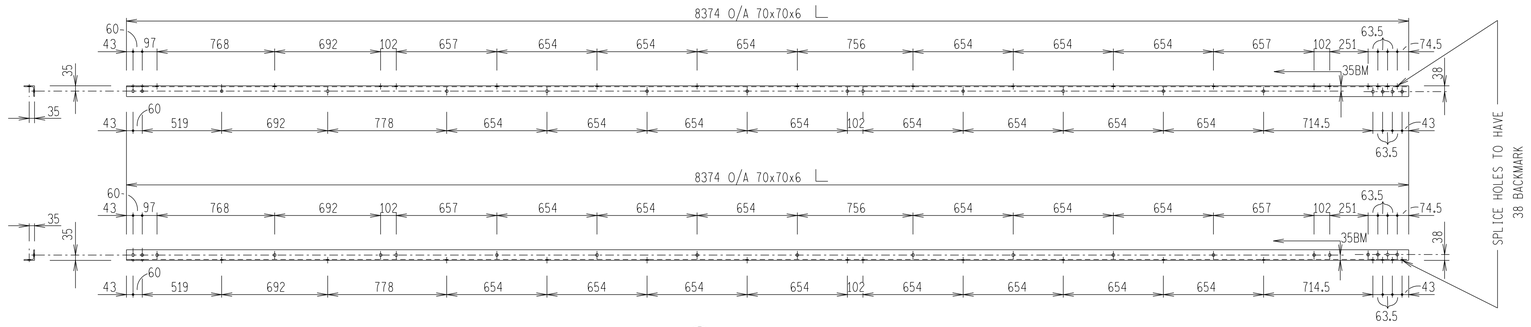
PLAN

BEAM MK 132/34/1

SCALE 1:20

NOTES:-

1. QUANTITIES FOR ONE ITEM ONLY.
2. ALL STEELWORK TO BE HOT DIP GALVANISED TO SABS 763.
3. FABRICATION TOLERANCE ± 1mm.
4. CONTRACTOR TO SUPPLY ALL STEELWORK, BOLTS, NUTS AND WASHERS REQUIRED FOR ERECTION.
5. H.D. BOLTS SUPPLIED BY OTHERS.
6. WELDING TO CONFORM TO SABS 0167 AND SYMBOLS TO SABS 044.
7. ALL PORTIONS OF WELDED JOINTS, NOT SEALED BY STRUCTURAL WELD, SHALL BE SEAL WELDED.
8. ALL MARKS TO BE STAMPED ONTO STEELWORK AND SHALL BE CLEARLY LEGIBLE AFTER GALVANISING.
9. ALL BOLTS, NUTS AND WASHERS TO BE GALVANISED.
10. WASHERS TO BE PLACED UNDER NUT.
11. BOLTS INDICATED AS MK OR NO. OFF/MK.



MK (B41 1A) 4 OFF REQD.

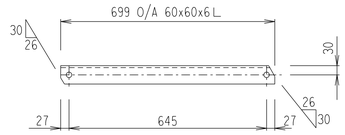
SCALE 1:20

BOLT SCHEDULE (GRADE 4.6)

ITEM	MK	DIA.	LENGTH	NO. WASHERS	NO. OFF	HOLE ϕ
BEAM 132/34/1	1	M16	40	2	72	18
	2	M16	40	1	8	18
	3	M16	45	2	104	18
	4	M16	50	2	8	18
	5	M20	50	1	16	22
	6	M20	55	2	4	22

MASS SCHEDULE (Kg)

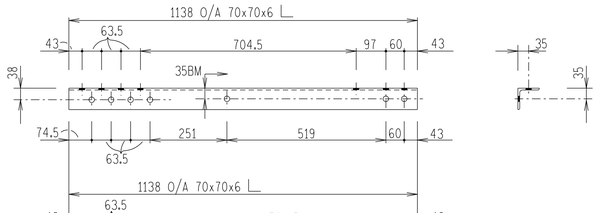
ITEM	STRUCTURE	BOLTS
BEAM 132/34/1	688	34,3



MK (B41 14A) 4 OFF AS REQD. TO OPP. HAND

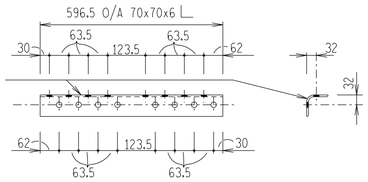
MK (B41 13A) 4 OFF AS DRAWN

SCALE 1:10



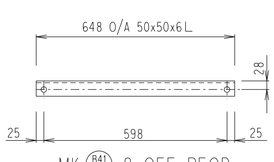
MK (B41 2A) 4 OFF REQD.

SCALE 1:10



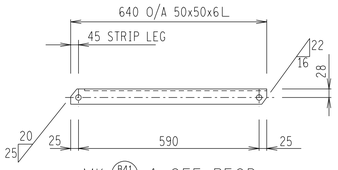
MK (B41 5) 4 OFF REQD.

SCALE 1:10



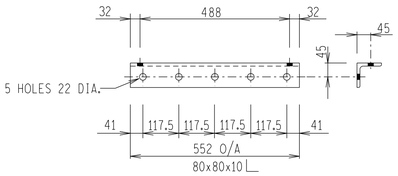
MK (B41 7) 8 OFF REQD.

SCALE 1:10



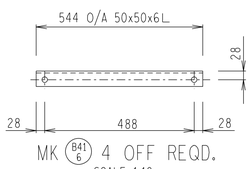
MK (B41 17) 4 OFF REQD.

SCALE 1:10



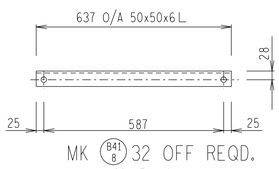
MK (B41 12) 4 OFF REQD.

SCALE 1:10



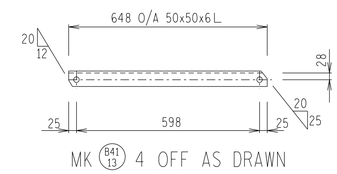
MK (B41 6) 4 OFF REQD.

SCALE 1:10



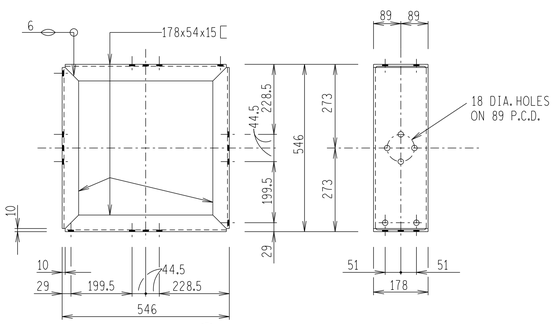
MK (B41 8) 32 OFF REQD.

SCALE 1:10



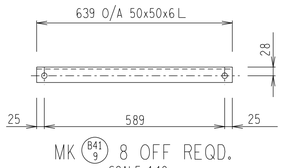
MK (B41 13) 4 OFF AS DRAWN

SCALE 1:10



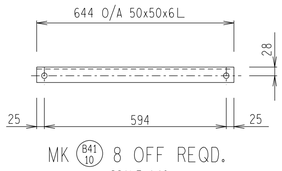
MK (B41 11) 3 OFF REQD.

SCALE 1:10



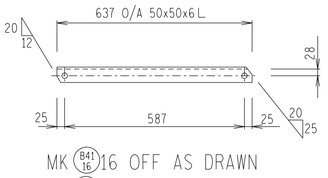
MK (B41 9) 8 OFF REQD.

SCALE 1:10



MK (B41 10) 8 OFF REQD.

SCALE 1:10



MK (B41 16) 16 OFF AS DRAWN

MK (B41 15) 16 OFF REQD.

TO OPP. HAND

SCALE 1:10

PLOT SCALE: 200

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THE C.A.D. REFERENCE NUMBER IS: MUTS0.54[100,164]04282L000.R00

REV	AUTH MAG	DATE DATUM	REVISION/REVISIES	BY DEUR	CHKD NAGES	REFERENCE DRAWINGS VERWYSINGSTEKENINGE
0			FIRST ISSUE / EERSTE UITREIKING			

DRG.TEK REGISTR

TRANSMISSION SUBSTATION TECHNOLOGY

ESKOM

132/34/1
132kV YARD
STEELWORK (BOLTED)
10260 BEAM (ARRGT. & DETAILS)

	A.J.S.G	22/10/92			
CHKD NAGES	M.V.D.E	22/10/92			
DRAWN GETEKEN	Y.HEPBURN	OCT. 1992	APPROVED GOEDGEKEUR	M. VAN DEN ENDE	K.M.PEACOCKE
SCALE SKAAL	AS SHOWN		PR.ENG.	22/10/92	02/10/92

0.54/4282

REV 0

SIZE GROOTTE A1L