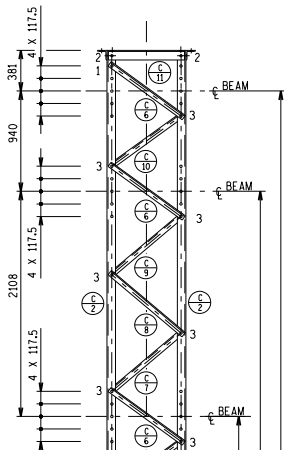
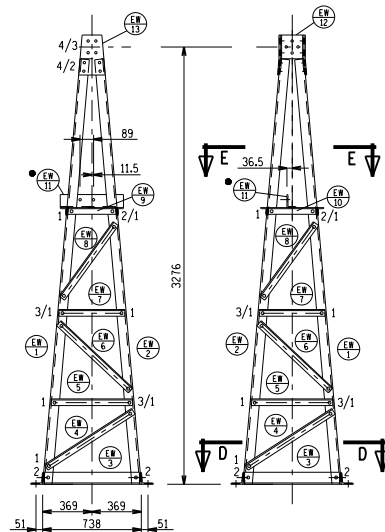
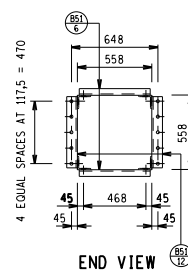
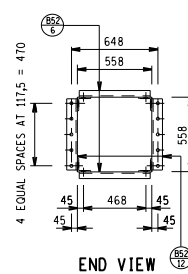


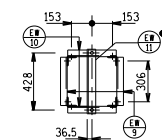
EARTHWIRE SUPPORTS ARE NOT REQUIRED FOR ALL COLUMNS, BUT ONLY WHEN ORDERED FOR A SPECIFIC COLUMN, AS SHOWN AND SCHEDULED ON STEEL MARKING PLAN AND / OR GEN. ARRG'T. DRG.



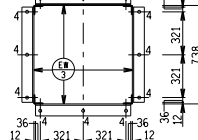
WHERE
CONNECTION
COLUMN
C6 IS
REMOVED



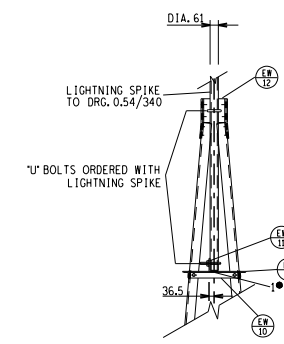
EARTHWIRE SUPPORT "EW"
1:20



SECTION E-E

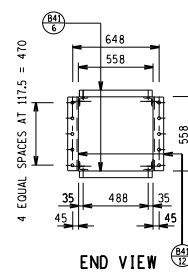


SECTION D-D

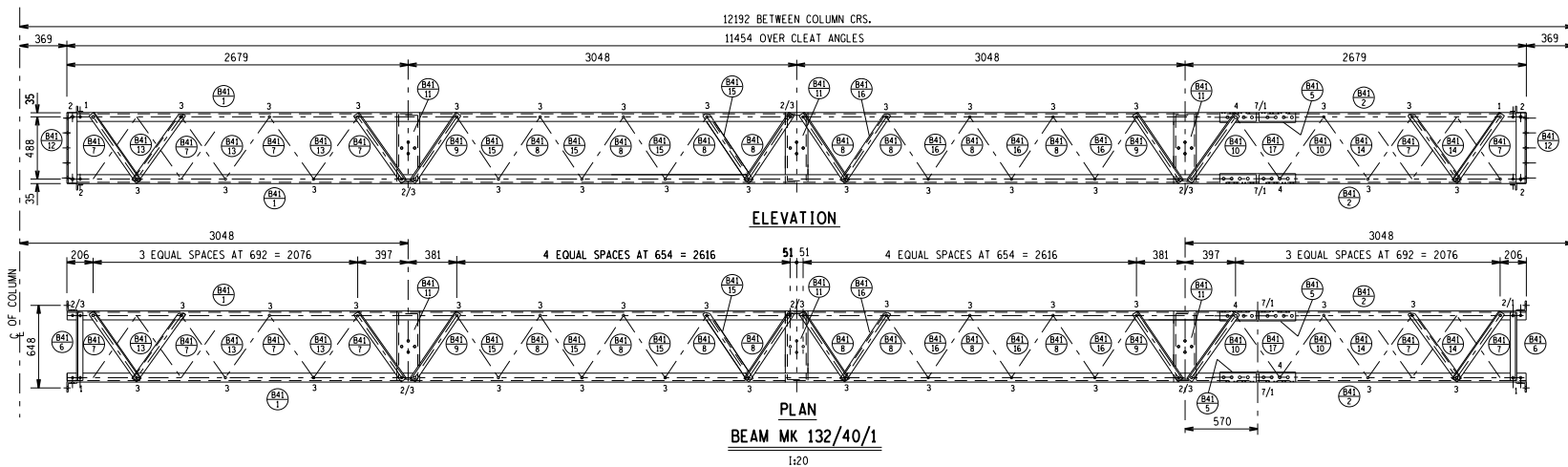


ASSEMBLY OF EARTHWIRE SUPPORT WITH LIGHTNING SPIKE

(● ADDITIONAL ITEMS REQUIRED FOR
EARTHWIRE SUPPORT WHEN LIGHTNING
SPIKE IS FITTED)



END VIEW

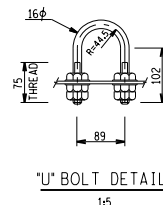


BEAM MK 132/40/1

BOLT SCHEDULE (STRENGTH GRADE 4.8)						
ITEM	MK	DIA	LENGTH	No OF WASHERS	No OFF	
COLUMN MK 132/C	1	M20	45	2	4	
	2	M20	45	1	12	
	3	M20	50	1	60	
	4	M20	55	2	48	
	5	M20	60	1	8	
BEAM MK 132/50/2	1	M20	45	1	16	
	2	M20	50	1	96	
	3	M20	55	2	168	
	4	M20	55	1	4	
	5	M20	60	1	8	
BEAM MK 132/50/1	1	M20	40	2	88	
	2	M20	45	1	8	
	3	M20	50	2	168	
	4	M20	50	1	24	
	5	M20	55	1	4	
BEAM MK 132/40/1	1	M16	40	2	72	
	2	M16	40	1	8	
	3	M16	45	2	128	
	4	M16	50	2	8	
	5	M20	50	1	16	
EARTHWIRE SUPPORT (WITHOUT LIGHTNING SPIKE)	1	M20	40	2	48	
	2	M20	45	1	16	
	3	M20	50	1 BEVEL	8	
ADDITIONAL BOLTS FOR EARTHWIRE SUPPORT WHEN LIGHTNING SPIKE IS FITTED)	1	M20	40	2	2	
	4	M20	50	1	12	

BOLTS NOTES: 1. WASHERS TO BE PLACED UNDER BOLT.
2. ALL BOLTS/WASHERS TO BE HOT DIP GALVANISED
3. BOLTS POSITIONS INDICATED - No OFF/MARK

1. QUANTITIES SHOWN ARE FOR ONE ITEM ONLY.
2. ALL STEELWORK TO BE HOT DIP GALVANISED TO S.A.B.S. 150 1461.
3. FABRICATION TOLERANCE TO BE + OR - 1mm.
4. HOLE DIA. TO BE AS MARKED.
5. THE CONTRACTOR SHALL SUPPLY ALL NUTS, BOLTS, WASHERS, ETC, REQUIRED FOR ERECTION.
6. H.B. BOLTS SUPPLIED UNDER SEPARATE CONTRACT.
7. ALL WELDING SYMBOLS TO S.A.B.S. 044.
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 GALVANISING.



"U" BOLT DETAIL

MASS SCHEDULE in kg.		
ITEM	STRUCTURE	BOLTS
COLUMN MK 132/C	1158	37
BEAM MK 132/50/2	1508	84
BEAM MK 132/50/1	1043	61
BEAM MK 132/40/1	800	38
EARTHWIRE SUPPORT	199	22
ADDITIONAL ITEM TO E/WIRE SUPPT. (WHEN LIGHTNING SPIKE IS FITTED)	4	0,5
TOTAL BOLTS	-	0.9

MASS OF BOLTS IN SCHEDULE INCLUSIVE
OF NUTS AND WASHERS.[illegible]