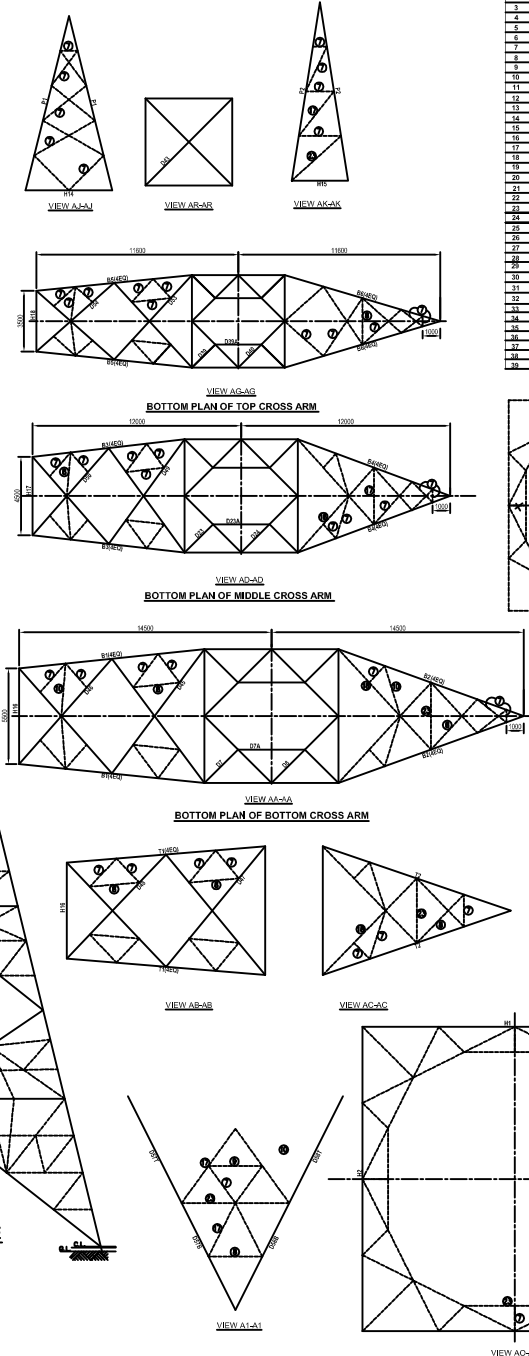
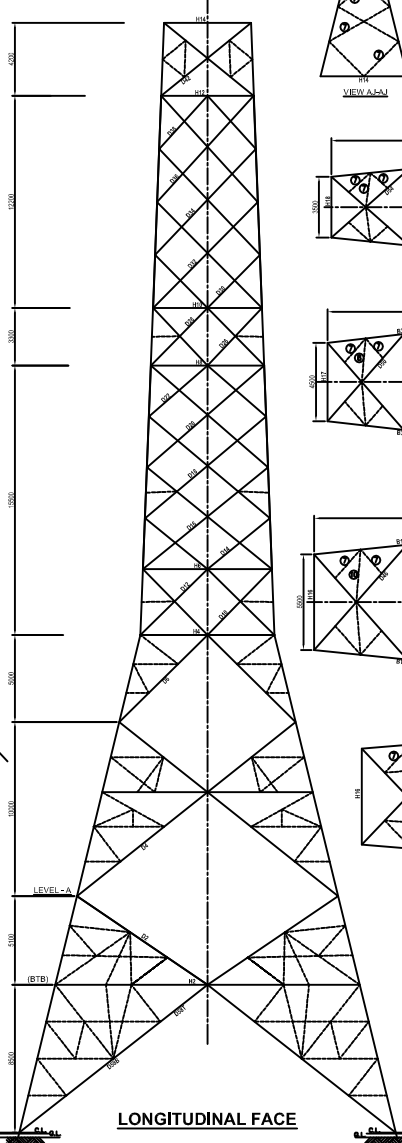
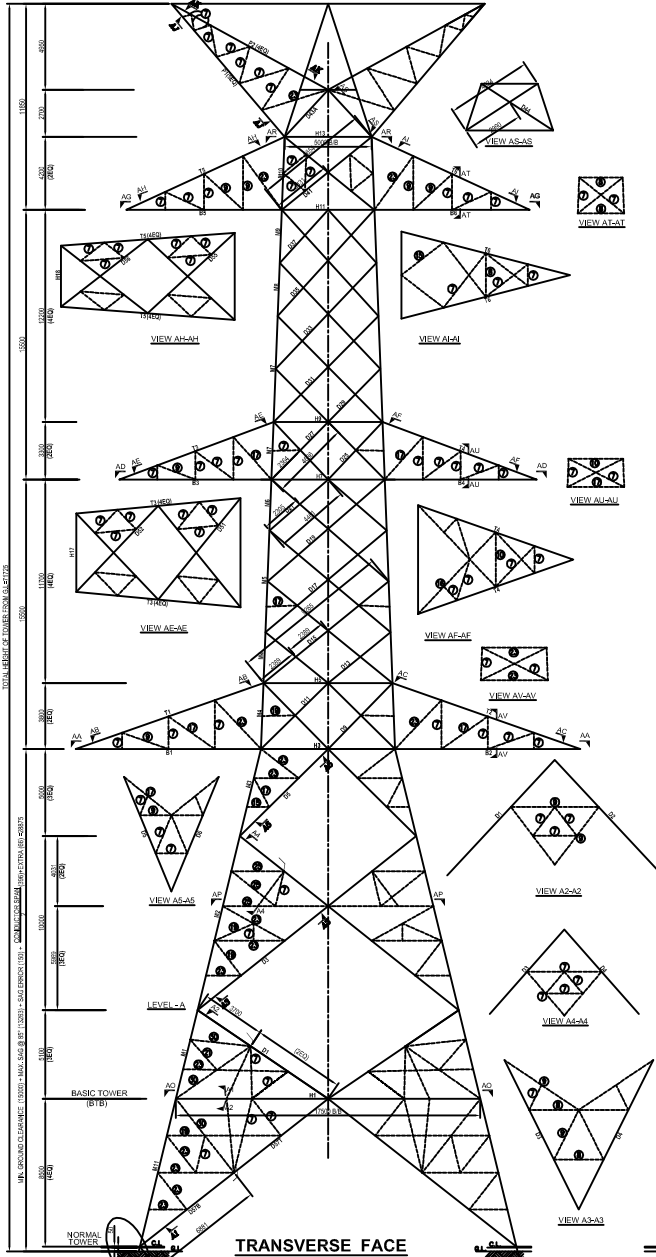
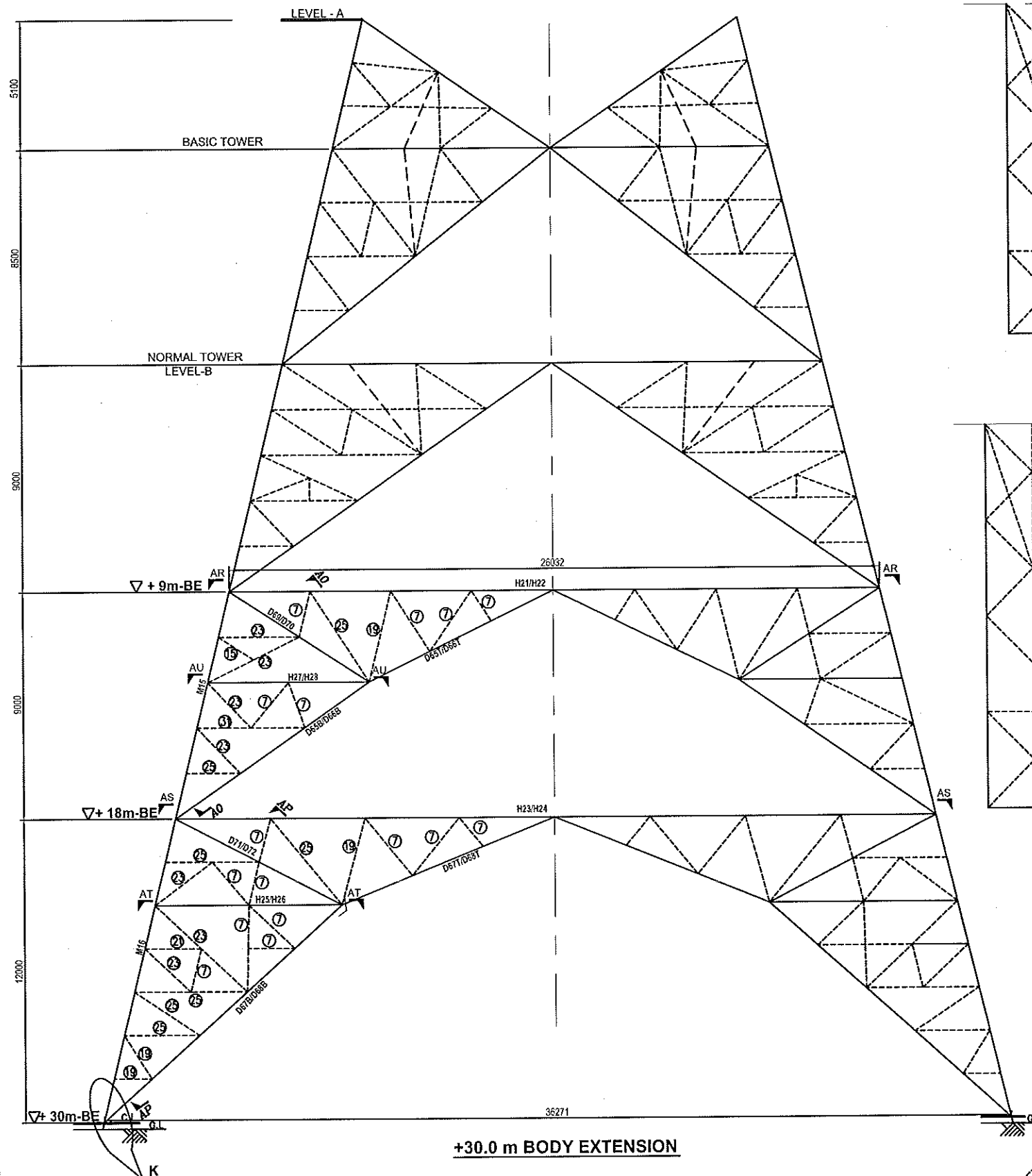
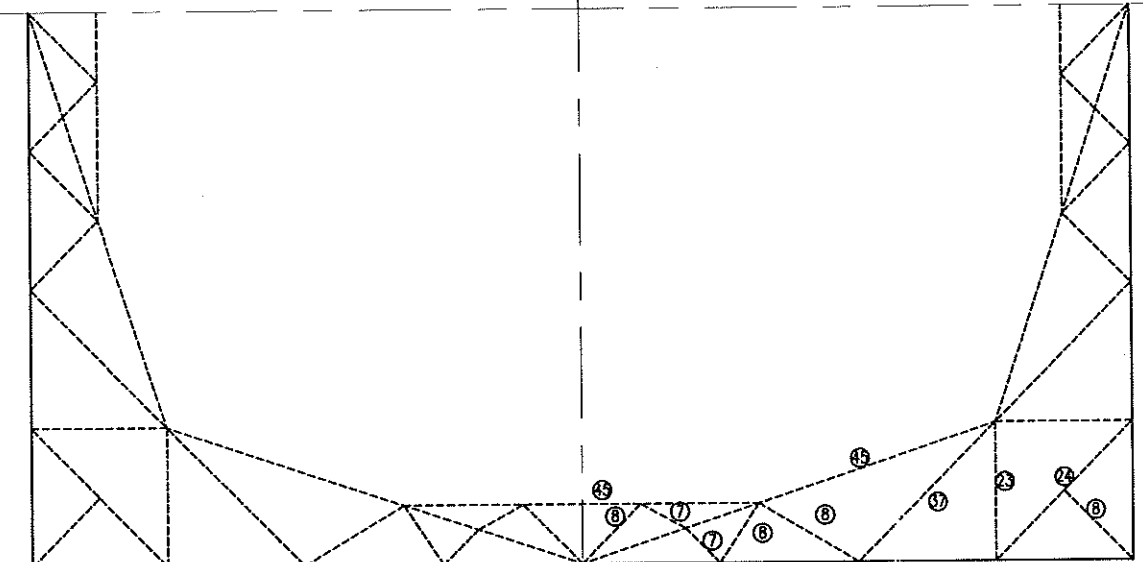






VIEW AR-AR



VIEW AS-AS

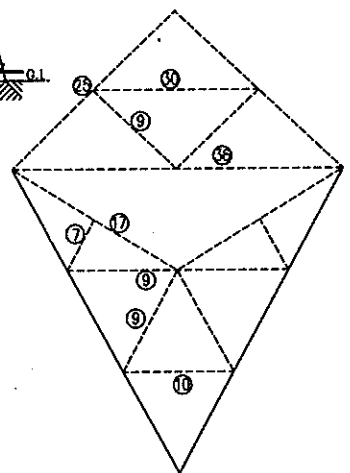
NOTES:-

1. ALL DIMENSIONS ARE IN mm.
2. H - INDICATE HIGH TENSILE STEEL SECTION.
3. M - INDICATE MILD STEEL SECTION.
4. L - SINGLE ANGLE, JL - DOUBLE ANGLE.
5. TR - TRANSVERSE FACE & LG - LONGITUDINAL FACE.
6. SS - INDICATE SINGLE SHEAR.
7. DS - INDICATE DOUBLE SHEAR.
8. 24mm ϕ BOLTS ARE USED FOR LEG JOINTS & 20mm ϕ FOR ALL OTHER MEMBERS.
9. ALL REDUNDANTS SHALL BE CONNECTED WITH 20mm ϕ BOLTS.
10. C.L - CONCRETE LEVEL & G.L - GROUND LEVEL.
11. B/B - BACK TO BACK & BTB - BASIC TOWER BODY.
12. TC - TOP CROSS ARM, MC - MIDDLE CROSS ARM, & BC - BOTTOM CROSS ARM.

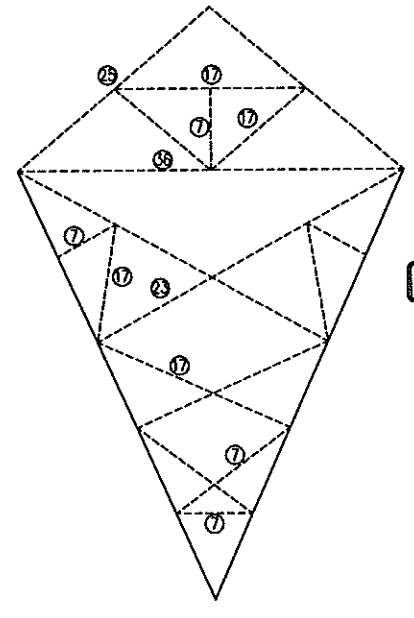
RED. MKD.	SECTION	REDUNDANT TABLE	
		MAX LENGTH IN mm	MAX LENGTH IN mm
		L/F MIN < 250	L/F MED. < 250
1	45x45x4	2175	3425
2	H 45x45x4	2175	3425
3	50x50x4	2425	3825
4	H 50x50x4	2425	3825
5	55x55x4	2650	4175
6	H 55x55x4	2650	4175
7	60x60x4	2950	4625
8	H 60x60x4	2950	4625
9	65x65x4	3150	4975
10	H 65x65x4	3150	4975
11	55x55x5	2650	4175
12	H 55x55x5	2650	4175
13	60x60x5	2900	4550
14	H 60x60x5	2900	4550
15	65x65x5	3150	4975
16	H 65x65x5	3150	4975
17	70x70x5	3400	5375
18	H 70x70x5	3400	5375
19	75x75x5	3650	5775
20	H 75x75x5	3650	5775
21	75x75x6	3650	5750
22	H 75x75x6	3650	5750
23	80x80x6	3900	6150
24	H 80x80x6	3900	6150
25	90x90x6	4375	6925
26	H 90x90x6	4375	6925
27	H 90x90x7	4425	6900
28	90x90x8	4375	6875
29	H 90x90x8	4375	6875
30	100x100x6	4875	7725
31	100x100x7	4925	7700
32	H 100x100x7	4925	7700
33	100x100x8	4875	7675
34	H 100x100x8	4875	7675
35	110x110x8	5450	8500
36	H 110x110x8	5450	8500
37	110x110x10	5400	8425
38	H 110x110x10	5400	8425
39	120x120x10	5900	9175
40	H 120x120x10	5900	9175
41	130x130x10	6425	10050
42	H 130x130x10	6425	10050
43	130x130x12	6400	9975
44	150x150x12	7425	11575
45	JL 90x90x6	6925	9700

MEMBER NO.	SECTION DESCRIPTION	BOLTS
LEG MEMBERS		
M15	H L 250X250X35	20 DS
M16	H L 250X250X35	20 DS
LATTICES		
D65B	M JL 100X100X7	4 DS
D65T	M JL 120X120X10	4 DS
D66B	M JL 90X90X6	4 DS
D66T	M JL 110X110X8	4 DS
D67B	M JL 110X110X8	4 DS
D67T	M JL 130X130X12	4 DS
D68B	M JL 100X100X7	4 DS
D68T	M JL 120X120X10	4 DS
D69	M JL 90X90X7	2 DS
D70	M JL 90X90X7	2 DS
D71	M JL 100X100X7	2 DS
D72	M JL 90X90X7	2 DS
BELT MEMBERS		
H21	H JL 110X110X8	2 DS
H22	H JL 110X110X8	2 DS
H23	H JL 120X120X10	3 DS
H24	H JL 120X120X10	3 DS
H25	H L 100X100X7	2 SS
H26	H L 100X100X7	2 SS
H27	H L 100X100X7	2 SS
H28	H L 100X100X7	2 SS

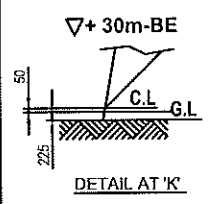
AS BUILT



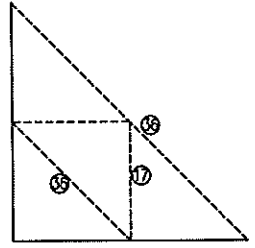
VIEW AO-AO



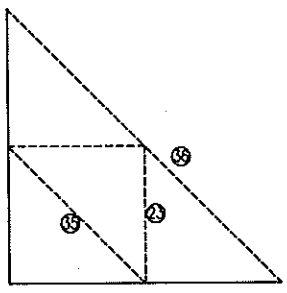
VIEW AP-AP



DETAIL AT 'K'



VIEW AU-AU



VIEW AT-AT

REV	DATE	DESCRIPTION	DRAWN	CHKD	APPD
SUPPLIER :- SAE					
PURCHASER :- Sterlite Grid Limited					
SPECIFICATION NUMBER :- SGL/765KV/ENGG/11-12/TS/01					
PROJECT :- 765 KV D/C HEXA ACSR ZEBRA TRANSMISSION LINE (WIND ZONE - 2)					
TITLE:- LINE DIAGRAM FOR " T.T-DD +18/ +30 M BODY EXTENSIONS (30-55°DEV.) "					
(TENSION TOWER)					
DRAWN BY	05.09.11	SCALE			
DESIGN BY	05.09.11	1:100			
CHECKED BY	05.09.11				
APPD. BY	05.09.11				
REVISION					
			SHEET NO.: 28 OF 28		