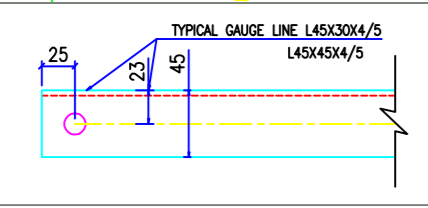


**TOWER SLOPE**  
(FOR ±0M TOWER)

Tan B = 0.097605410  
2 Tan B = 0.195210830  
Face = 1.004753381  
Dev = 1.009481860

**In Face Slopes**

Tan B = 0.097143771  
Sec B = 1.003962122



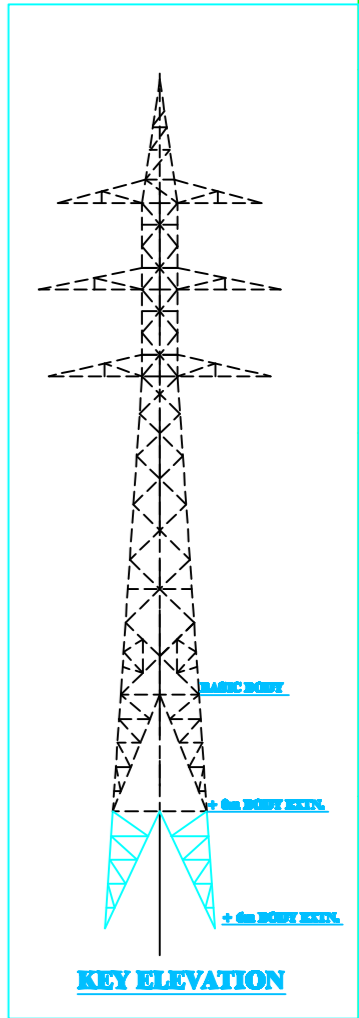
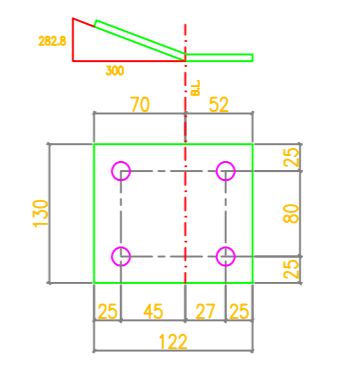
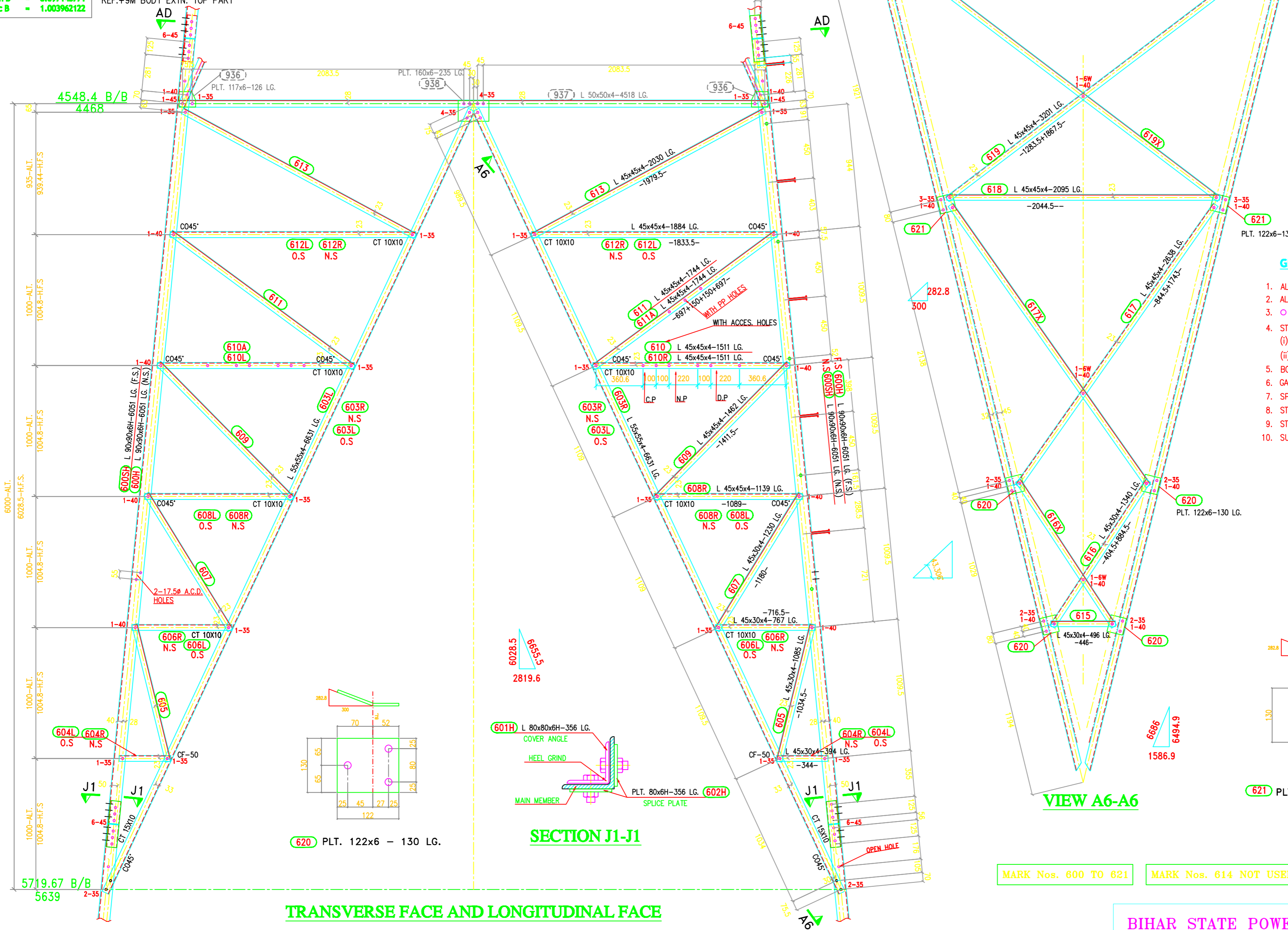
REF.+9M BODY EXTN. TOP PART

**SUMMARY OF BOLTS FOR +6M BODY EXTENSION**

BOLT SIZE	QUANTITY	GRADE	REMARKS
16ø x 35 LG	192	5.6	-
16ø x 40 LG	72	5.6	-
16ø x 45 LG	56	5.6	-
16ø x 50 LG	-	5.6	-
16ø x 55 LG	-	5.6	-
16ø x 60 LG	-	5.6	-
16ø x 65 LG	-	5.6	-
16ø x 3.5 THK	320	-	SPRING WASHERS
16øx175 LG.	18	4.6	STEP BOLT
4THK. WASHER	-	-	PACK WASHERS
6THK. WASHER	12	-	PACK WASHERS
8THK. WASHER	-	-	PACK WASHERS
10THK. WASHER	-	-	PACK WASHERS

**GENERAL NOTES :**

- ALL DIMENSIONS ARE IN "mm" UNLESS OTHERWISE SPECIFIED.
- ALL ERECTION MARKS ARE TO BE PREFIXED WITH - "1DA"
- INDICATES ø17.5 HOLE FOR M16 BOLT U.O.S.
- STRUCTURAL STEEL SHALL BE AS FOLLOWS  
(i) MILD STEEL - IS:2062 WITH YIELD STRESS  $F_y$ -2550 KG/SQ.CM.  
(ii) HIGH TENSILE STEEL - IS:8500 GR490B
- BOLTS AND NUTS AS PER IS:12427 - 1988. CONFORM TO GRADE-5.6
- GALVANISING SHALL CONFORM TO IS:2629-1985 & IS:4759-1996.
- SPRING WASHER SHALL BE CONFORM TO IS 3063-1994
- STEP BOLTS SHALL BE DIAGONALLY OPPOSITE LEGS
- STEP BOLTS SHALL BE IS:10238-1982
- SUFFIX "H" INDICATES HIGH TENSILE STEEL



620 PLT. 122x6 - 130 LG.

**SECTION J1-J1**

**VIEW A6-A6**

MARK Nos. 600 TO 621      MARK Nos. 614 NOT USED

**TRANSVERSE FACE AND LONGITUDINAL FACE**

**BIHAR STATE POWER TRANSMISSION COMPANY LTD**

DRAWN BY	DESCRIPTION	132KV D/C TOWER TYPE "DA" +6M BODY EXTENSION	SCALE	-
CHECKED BY	DRG NO	132KV-DC-Struct.+6M-Extn-17	SHEET NO	1-1
APPROVED BY	REV.	0		