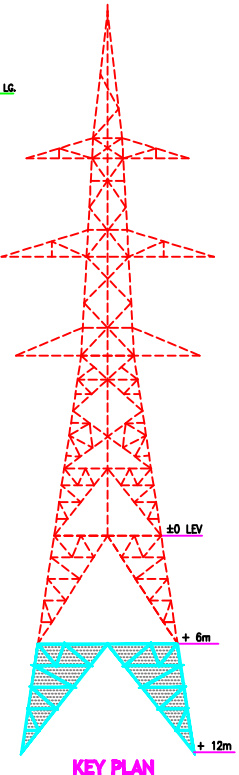


**TOWER SLOPE**

Tan A	= 0.100400
2 Tan B	= 0.366000
Pitch	= 1.074000
Dev	= 1.000111

**HT. PLATE SLOPE**

Tan B	= 0.100400
Sec B	= 1.074000



- GENERAL NOTES:**
- ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
  - MILD STEEL BOLTS & NUTS TO IS 4039/12427/4.6/5.6 Q.LTY.
  - ALL MILD STEEL BOLTS & NUTS ARE TO BE HOT DP GALVANIZED AS PER IS 1367 PART-XII.
  - ALL MILD STEEL BOLTS & NUTS ARE TO BE QUALITY CONFORMING TO IS. 2042 STANDARD.
  - GALVANIZATION OF TOWER MEMBERS AND FLAT WAGERS AS PER IS. 2023.
  - ALL HOLES #17.5 FOR M16 BOLTS U.O.S.
  - ALL HOLES #21.5 FOR M20 BOLTS U.O.S.
  - ALL HOLES #17.5 FOR M16 STEP BOLTS U.O.S.
  - STANDARD SPRING WASHERS ARE TO BE USED UNDER EACH NUT.
  - ALL FABRICATED MEMBERS SHALL HAVE THE PREFIX...100
  - STEP BOLTS ARE TO BE PROVIDED ON TWO DIAGONALLY OPPOSITE LEGS
  - (H) INDICATES HIGH TENSILE STEEL, CONFORMING TO IS 800 Gr.-40B QUALITY.

**LIST OF BOLTS, NUTS & WASHERS**

SIZE	QTY.
M16x35 LG. BOLT	108
M16x40 LG. BOLT	152
M16x45 LG. BOLT	108
M16x50 LG. BOLT	24
M16x55 LG. BOLT	64
3.5 THK SP. WASHER	450
PACK WASHER 6MM THK	16
PACK WASHER 12MM THK	8
M16x175 LG. STEP BOLT	16

MARK Nos. 1200 TO 1238

BIHAR STATE POWER TRANSMISSION COMPANY LTD

DESCRIPTION	132KV D/C TOWER TYPE "DD" +12.0M BODY EXTENSION (BOTTOM 6M)		SCALE	-
DRG NO		SHEET NO 1-1	REV.	0

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CHECKED BY  
APPROVED BY