



NOTES:-

1. ALL DIMENSIONS ARE IN M.M
2. STRIPE IS TO BE PROVIDED ONLY ONE LEG OF EACH TOWER
3. STRIPE WITH PIPE TYPE EARTH ARRANGEMENT IS TO BE PROVIDED ONLY FOR LOCATION WHERE TOWER FOOTING RESISTANCE IS GREATER THAN 10 OHMS
4. 17.5mmØ HOLES ARE REQUIRED FOR 16Ø BOLTS OF EARTHING DEVICES
5. FOR COUNTERPOISE EARTHING STRIPE 'C' SHALL BE CONNECTED WITH COUNTERPOISE WIRE THROUGH 'A' LUG.

| S.NO | LIST OF 16mmØ BOLTS,NUTS & WASHERS PER TOWER | | | | QTY | |
|------|--|------|-------|-------|-------|---|
| | SIZE | | | | | |
| 1 | STUB | 7-11 | 12-18 | 17-21 | 22-28 | 2 |
| | LENGHT OF M16 BOLTS (mm) | 40 | 45 | 50 | 55 | |
| 2 | M16x35 LG. BOLT | | | | 2 | |
| 3 | M12x35 LG. BOLT | | | | 2 | |
| 4 | M16-3.5 THK SP. WASHER | | | | 4 | |
| 5 | M12-2.5 THK SP. WASHER | | | | 2 | |

BIHAR STATE POWER TRANSMISSION COMPANY LTD

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|-------------|--|-------------|--|--|--------|-----------------------------|
| DRAWN BY | | DESCRIPTION | 220 KV D/C TOWER DETAILS OF PIPE TYPE EARTHING | | SCALE | |
| CHECKED BY | | | | | - | |
| APPROVED BY | | | | | DRG NO | 220KV-Pipe-type-earthing-05 |