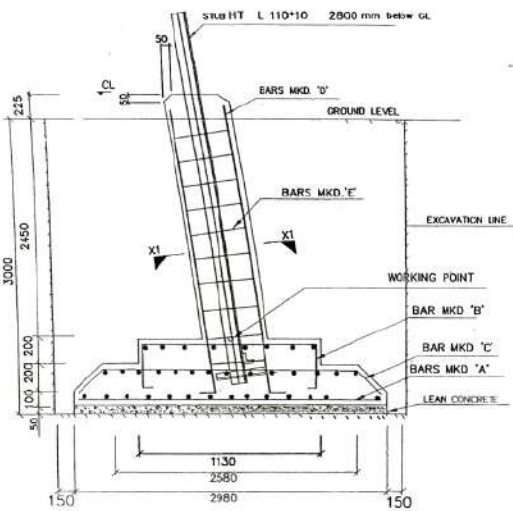
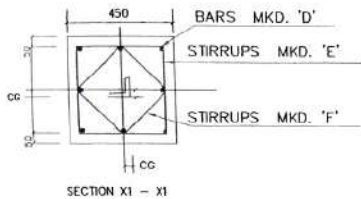


000019

| BAR TYPE                 | SKETCH | BAR DIA. (mm) | LENGTH (mm) | NOS. / LEG | UNIT WEIGHT (KG/M) | WEIGHT PER LEG (KG) | WEIGHT PER TOWER (KG) |
|--------------------------|--------|---------------|-------------|------------|--------------------|---------------------|-----------------------|
| A                        |        | 10            | 2880        | 34         | 0.617              | 60.42               | 241.67                |
| B                        |        | 10            | 1030        | 18         | 0.617              | 22.10               | 88.40                 |
| C                        |        | 10            | 3104        | 24         | 0.617              | 45.96               | 183.85                |
| D                        |        | 20            | 3545        | 8          | 2.466              | 69.936              | 279.743               |
| E                        |        | 8             | 1550        | 11         | 0.395              | 6.74                | 26.94                 |
| F                        |        | 8             | 1138        | 11         | 0.395              | 4.95                | 19.78                 |
| TOTAL REINFORCEMENT (Kg) |        |               |             |            |                    | 210.098             | 840.391               |

|                    |   |         |                |
|--------------------|---|---------|----------------|
| EXCAVATION         | = | 129.10  | m <sup>3</sup> |
| CONCRETE (1:1.5:3) | = | 12.93   | m <sup>3</sup> |
| CONCRETE (1:1.5:6) | = | 1.78    | m <sup>3</sup> |
| REINFORCEMENT      | = | 840.391 | kgs            |

- NOTES:
- DRAWING NOT TO SCALE
  - ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED
  - REINFORCED BAR USED Fe 500 CONFORMING TO IS 1786-1985
  - MIX PROPERTIES CONFORMING TO IS 456-2000
  - CONCRETE MIX USED GRADE M 20 (NOMINAL MIX 1:1.5:3). LEAN CONCRETE MIX GRADE M10 (NOMINAL MIX 1:3:6).
  - WHENEVER NECESSARY TO CLEAR STUB AND CLEAT STIRRUPS AND BARS ARE TO BE ADJUSTED AT SITE.
  - CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE 50 MM UNLESS OTHERWISE SPECIFIED
  - FOR CLEAT AND STUB TEMPLATE DETAILS PLEASE REFER STUB DRG.
  - STUB SETTING/PROP SETTING TEMPLATE HAS TO BE USED IN EACH LOCATION OF TOWER.
  - AT SITE PROPER COMPACTION OF BACK FILLED EARTH MUST BE DONE.

|                   |                         |
|-------------------|-------------------------|
| TYPE OF SOIL :    | WET                     |
| UNIT WEIGHT:      | 1440 / 840 Kg/Cu.M      |
| BEARING CAPACITY: | 12500 kg/m <sup>2</sup> |
| ANGLE OF REPOSE : | 30 / 15 Degrees         |
| WATER TABLE :     | 1.5 TO 3 M. FROM GL     |

TOWER SLOPE TAN ALPHA = 0.18980

| LEVEL | STUB        | CG OF STUB | P     | M     | N     |
|-------|-------------|------------|-------|-------|-------|
| 0     | HT L 110*10 | 31         | 9263  | 10234 | 14474 |
| 3     | HT L 110*10 | 31         | 10402 | 11373 | 16084 |
| 6     | HT L 110*10 | 31         | 11541 | 12512 | 17695 |
| 9     | HT L 110*10 | 31         | 12679 | 13651 | 19305 |

Date: 26.06.22

☒ APPROVED

☐ Approved With Correction

Checked by: *[Signature]*

Approved by: *[Signature]*

अधिकृत एवं परामर्श प्रदाता  
Design & Consultancy Cell  
दूरत पेशिया केन्द्र/Tower Technical Station

BIHAR STATE POWER TRANSMISSION COMPANY LTD. (BSPTCL)

TITLE : 220 KV D/C SINGLE ZEBRA "DC" MKD "2SD"  
FOUNDATION DRAWING OF TT DC (NT+0/+3/+6/+9) EQUAL LEG & SOIL TYPE-WET

DWG. NO. CD\_DC(NT+0/+3/+6/+9)\_WETSOIL\_22(i)(c)

SCALE : NTS

SHEET 01 OF 01

ELEVATION  
*[Signature]*  
06.06.22  
Vinay Kumar  
AE (C), BSPTCL

*[Signature]*  
06.06.22  
KUMAR ANAND  
AE (CIVIL)  
BSPTCL

*[Signature]*  
ANJANI K. SHARMA  
CE (CIVIL)  
BSPTCL