BAR BENDING SCHEDULE FOR FOUNDATION

<table>
<thead>
<tr>
<th>MARK</th>
<th>SHAPE OF THE BAR</th>
<th>DIA (mm)</th>
<th>LENGTH (mm)</th>
<th>Nos. Leg</th>
<th>Unit We (kg/m)</th>
<th>Wt/Leg (kg)</th>
<th>Wt./Tower (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td>2760</td>
<td>2760</td>
<td>56</td>
<td>0.617</td>
<td>95.363</td>
<td>381.402</td>
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<tr>
<td>B</td>
<td></td>
<td>780</td>
<td>1520</td>
<td>10</td>
<td>0.617</td>
<td>9.376</td>
<td>37.512</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td>2560</td>
<td>2884</td>
<td>24</td>
<td>0.617</td>
<td>44.187</td>
<td>176.748</td>
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<tr>
<td>D</td>
<td></td>
<td>3000</td>
<td>3350</td>
<td>8</td>
<td>3.854</td>
<td>103.287</td>
<td>413.148</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>360</td>
<td>1590</td>
<td>13</td>
<td>0.390</td>
<td>6.061</td>
<td>24.294</td>
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<tr>
<td>F</td>
<td></td>
<td>360</td>
<td>1198</td>
<td>13</td>
<td>0.390</td>
<td>6.074</td>
<td>24.295</td>
</tr>
</tbody>
</table>

TOTAL REINFORCEMENT = 1065.599

QUANTITIES/TOWER

- EXCAVATION VOLUME = 119,827 Cu.M
- CONCRETE (1:1.5:3) = 11,502 Cu.M
- CONCRETE (1:5:6) = 1,636 Cu.M
- REINFORCEMENT = 1065.599 Kg.

NOTES:
1. DRAWING NOT TO SCALE.
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
3. REINFORCED BAR USED Fe 415 CONFORMING TO IS 1786-1985.
4. MIX PROPERTIES CONFORMING TO IS 456-2000.
5. CONCRETE MIX USED GRADE M-20 (NOMINAL MIX 1:1.5:3).
6. CONCRETE MIX USED GRADE M-10 (NOMINAL MIX 1:3:6).
7. WHENEVER NECESSARY TO CLEAR STUD AND CLEAT, STIRRUPS AND BARS SHOULD BE CUT TO THE MAIN REINFORCEMENT BARS SHALL BE 50MM UNLESS OTHERWISE SPECIFIED.
8. FOR CLEAT AND STUD TEMPLATE DETAILS PLEASE REFER RESPECTIVE STUD DRAW.

THE FOUNDATION HAS BEEN DESIGNED FOR THE FOLLOWING PARAMETERS:
- TYPE OF SOIL : WET
- UNIT WEIGHT : 1440/940 Kg/Cu.M
- BEARING CAPACITY : 13675 Kg/Sq.M
- ANGLE OF REPOSE : 30/15 Degrees
- WATER TABLE : 1.5M TO 3.0M BELOW G.L

BIHAR STATE POWER TRANSMISSION COMPANY LTD

220KV D/C "DB/0/3/6" TOWER FOUNDATION DRAWING OF TYPE - WET

DESCRIPTION

- 220KV-D/C+0/3/6-Fdn-Wet-22

DRAWN BY

CHECKED BY

APPROVED BY

DRG NO

SHEET NO 1-1

REV. 0