BAR BENDING SCHEDULE FOR FOUNDATION

<table>
<thead>
<tr>
<th>MARK No.</th>
<th>SHAPE OF THE BAR</th>
<th>Dia (mm)</th>
<th>LENGTH (mm)</th>
<th>Nos. Leg</th>
<th>Unit WI (Kg/mt)</th>
<th>WM/Leg. (Kg)</th>
<th>WT/Tower (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td>2300</td>
<td>10</td>
<td>24</td>
<td>0.617</td>
<td>35.391</td>
<td>141.564</td>
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<td>B</td>
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<td>640</td>
<td>10</td>
<td>6</td>
<td>0.617</td>
<td>5.108</td>
<td>20.432</td>
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<tr>
<td>C</td>
<td></td>
<td>1900</td>
<td>10</td>
<td>14</td>
<td>0.617</td>
<td>22.578</td>
<td>90.316</td>
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<tr>
<td>D</td>
<td></td>
<td>3000</td>
<td>20</td>
<td>8</td>
<td>2.466</td>
<td>66.088</td>
<td>264.352</td>
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<tr>
<td>E</td>
<td></td>
<td>350</td>
<td>8</td>
<td>13</td>
<td>0.390</td>
<td>7.965</td>
<td>31.434</td>
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<td>F</td>
<td></td>
<td>350</td>
<td>8</td>
<td>13</td>
<td>0.390</td>
<td>5.912</td>
<td>23.646</td>
</tr>
</tbody>
</table>

TOTAL REINFORCEMENT = 571.74

TYPE OF TOWER : DA+0

TOWER SLOPE TAN ALPHA = 0.09780541

LEVEL | STUD | COG OF STUD | P | M | N | CLEAT DETAILS

4DM | HT 90° | 24.2 | 4548 | 5041 | 7129 | M & N RODS NO. OF PAIR 3 1 ROD NO PAIR

QUANTITIES/TOWER

EXCAVATION VOLUME = 93.409 Cu.M
CONCRETE (1:1.5:3) = 9.153 Cu.M
CONCRETE (1:5:8) = 1.24 Cu.M
REINFORCEMENT = 571.74 Kgs.

NOTES:
1. DRAWING NOT TO SCALE
2. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
3. REINFORCED BAR USED PER I.S. 416 CONFORMING TO I.S. 1786-1985
4. MIX PROPERTIES CONFORMING TO I.S. 456-2000
5. CONCRETE MIX USED GRADE M-20 (NORMAL MIX 1:1.5:3)
   LEAN CONCRETE MIX USED GRADE M-15 (NORMAL MIX 1:5:8)
6. WHENEVER NECESSARY TO CLEAR STUB AND CLEAT
   STRIPS AND BARS ARE TO BE ADJUSTED AT SITE
7. CLEAR COVER TO THE MAIN REINFORCEMENT BARS SHALL BE
   50MM UNLESS OTHERWISE SPECIFIED
8. FOR CLEAT AND STUD TEMPLATE DETAILS PLEASE REFER
   RESPECTIVE STUD DRG.

THE FOUNDATION HAS BEEN DESIGNED
FOR THE FOLLOWING PARAMETERS:

TYPE OF SOIL : FS
UNIT WEIGHT : 940 Kg/CLM
BEARING CAPACITY : 13675 Kg/Sq.M
ANGLE OF REPOSE : 15 Degrees
WATER TABLE : 0m TO 0.75m BELOW G.L

BIHAR STATE POWER TRANSMISSION COMPANY LTD

DRAWN BY
CHECKED BY
APPROVED BY
DRG NO 132KV-D/C-D-Fdn-FS-14 SHEET NO 1-1 REV. 0