### 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 Wt. (Kg/m)</th>
<th>Wt./Leg. (Kg)</th>
<th>Wt./Tower (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td></td>
<td>2020</td>
<td>10</td>
<td>2020</td>
<td>24</td>
<td>0.617</td>
<td>24.928</td>
</tr>
<tr>
<td>B</td>
<td></td>
<td>700</td>
<td>10</td>
<td>1440</td>
<td>6</td>
<td>0.617</td>
<td>5.33</td>
</tr>
<tr>
<td>C</td>
<td></td>
<td>1626</td>
<td>10</td>
<td>2244</td>
<td>12</td>
<td>0.617</td>
<td>16.614</td>
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<tr>
<td>D</td>
<td></td>
<td>3000</td>
<td>20</td>
<td>3350</td>
<td>8</td>
<td>2.466</td>
<td>66.088</td>
</tr>
<tr>
<td>E</td>
<td></td>
<td>8</td>
<td>1550</td>
<td>13</td>
<td>0.390</td>
<td>7.95</td>
<td>31.434</td>
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<tr>
<td>F</td>
<td></td>
<td>8</td>
<td>1166</td>
<td>13</td>
<td>0.390</td>
<td>5.912</td>
<td>23.646</td>
</tr>
</tbody>
</table>

**TOTAL REINFORCEMENT:** 506.912

### Quantities/Tower

- **Excavation Volume:** 70.277 Cu.M
- **Concrete (1:1.5:3):** 7.261 Cu.M
- **Concrete (1:5:6):** 0.899 Cu.M
- **Reinforcement:** 506.912 Kgs.

### Type of Tower: DA+3/6/9

**Tower Slope Tan Alpha:** 0.097860541

### Notes:
1. Drawing not to scale.
2. All dimensions are in mm unless otherwise stated.
3. Reinforced bar used per IS 4195 conforming to IS 1786-1985.
5. Concrete mix used grade M-20 (Normal Mix 1:1.5:3).
6. Lean Concrete Mix used grade M-15 (Normal Mix 1:5:6).
7. Whenever necessary to clear stub and clean stirrups and bars are to be adjusted at site.
8. Clear cover to the main reinforcement bars shall be 50mm unless otherwise specified.
9. For clear and stub template details please refer respective stub DRG.
10. 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

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**Bihar State Power Transmission Company Ltd**

**Description:** 132KV D/C "DA+3/69" Tower Foundation Drawing of Type - WET

**Drawn by:** DRG NO: 132KV-D/C+3/6/9-Fdn-Wet-12

**Checked by:** Sheet No: 1-1

**Approved by:** Rev: 0