## CANTILEVER STRUCTURE BASE PLATE AND ANCHOR BASE DATA

<table>
<thead>
<tr>
<th>POLE SIZE</th>
<th>D</th>
<th>BOLT CIRCLE</th>
<th>T</th>
<th>S</th>
<th>ANCHOR BOLT DIA.</th>
<th>MINIMUM EMBEDMENT LENGTH</th>
<th>ANCHOR PLATE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>24&quot; O.D. x 0.562&quot; THK.</td>
<td>40&quot;</td>
<td>32&quot;</td>
<td>2&quot;</td>
<td>10(\frac{1}{4})&quot;</td>
<td>2(\frac{1}{2})&quot;</td>
<td>6'-0&quot;</td>
<td>3(\frac{1}{4})&quot; THK. x 40&quot; DIA.</td>
</tr>
<tr>
<td>24&quot; O.D. x 0.625&quot; THK.</td>
<td>41&quot;</td>
<td>32&quot;</td>
<td>2&quot;</td>
<td>11&quot;</td>
<td>2(\frac{3}{4})&quot;</td>
<td>6'-0&quot;</td>
<td>3(\frac{1}{4})&quot; THK. x 41&quot; DIA.</td>
</tr>
<tr>
<td>24&quot; O.D. x 0.688&quot; THK.</td>
<td>42&quot;</td>
<td>32&quot;</td>
<td>2&quot;</td>
<td>11(\frac{3}{4})&quot;</td>
<td>3&quot;</td>
<td>6'-6&quot;</td>
<td>3(\frac{1}{4})&quot; THK. x 42&quot; DIA.</td>
</tr>
<tr>
<td>24&quot; O.D. x 0.750&quot; THK.</td>
<td>42&quot;</td>
<td>32&quot;</td>
<td>2&quot;</td>
<td>11(\frac{3}{4})&quot;</td>
<td>3&quot;</td>
<td>6'-6&quot;</td>
<td>3(\frac{1}{4})&quot; THK. x 42&quot; DIA.</td>
</tr>
<tr>
<td>24&quot; O.D. x 1.000&quot; THK.</td>
<td>42&quot;</td>
<td>32&quot;</td>
<td>2&quot;</td>
<td>12(\frac{1}{2})&quot;</td>
<td>3(\frac{1}{4})&quot;</td>
<td>7'-6&quot;</td>
<td>3(\frac{1}{4})&quot; THK. x 42&quot; DIA.</td>
</tr>
</tbody>
</table>

### PLAN - BASE PLATE

- **Stiffener Plate with Base Plate Only**

### SECTION

- **Dimension of Truss**
  - Base Plate & Pole
  - Anchor Bolt Holes: 3\(\frac{1}{2}\)" larger for 2" Dia. and smaller bolts,
  - \(\frac{1}{4}\)" larger for over 2" Dia. Bolts

**NOTES:**

1. For detail A and anchor plate plan, refer to box truss cantilever sign structures pole anchor base details / data standard plate.
2. For anchor bolt embedment lengths, refer to cantilever sign structure foundation standard plates.
3. All anchor bolts shall be plumb after foundation installation. Steel template plate shall be used to set anchor bolts.
4. Base plate shall be in full contact with all flat washers.
5. All anchor bolt nuts shall be tightened using turn of nut method (30° min. to 45° max. turn after snug tight)
6. Grout shall not be placed between the base plate and concrete base.
7. For additional anchor base details and data, refer to cantilever sign structures anchor base details and anchor base data standard plates.
8. For foundation details, refer to cantilever sign structure foundation standard plates.
9. For additional pole sizes, refer to single plane cantilever sign structures anchor base data standard plate.