NOTES:

1. Use this Detail when posts cannot be embedded to the minimum depth shown on Details ET 617-10 or ET 617-11.

2. Unless otherwise specified, use either the circular or the oblong hole configuration for Case 1 conditions.

3. Use crushed coarse aggregate backfill that conforms to “coarse aggregate for concrete” or “granular backfill for underdrain pipe with geosynthetic” in Section 703.

4. Place crushed coarse aggregate according to the post requirements in Section 627.

5. Treat field cut galvanized steel post surfaces that expose the base metal with two coats of zinc-oxide paint.

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**ELEVATION**

**Case 1**: Overlying material depth (A) is 18” or less.

**Case 2**: Overlying material depth (A) is greater than 18”.

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**POST EMBEDMENT DIMENSIONS**

<table>
<thead>
<tr>
<th>HOLE TYPE</th>
<th>EMBEDMENT DEPTH</th>
<th>OVERLAYING MATERIAL</th>
<th>DRILLING DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>Case 1</td>
<td>24” to 42”</td>
<td>0 to 18”</td>
<td>24”</td>
</tr>
<tr>
<td>Case 2</td>
<td>30” to 42”</td>
<td>&gt; 18” to 30”</td>
<td>12”</td>
</tr>
<tr>
<td></td>
<td>42”</td>
<td>&gt; 30”</td>
<td>42” - A</td>
</tr>
</tbody>
</table>

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**PLAN VIEW**

Wood Post

Steel Post