**NOT TO SCALE**

**BASE CONNECTION DATA TABLE**

<table>
<thead>
<tr>
<th>POST SIZE AND TORQUE</th>
<th>Dimensions for Post Sizes</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>W6x9</td>
<td></td>
<td>3/8&quot;</td>
<td>9/32&quot;</td>
<td>1/2&quot;</td>
<td>2 1/4&quot;</td>
</tr>
<tr>
<td>W6x12</td>
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<td>3/8&quot;</td>
<td>10&quot;</td>
<td>1/2&quot;</td>
<td>2 1/4&quot;</td>
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<tr>
<td>W6x18</td>
<td></td>
<td>3/8&quot;</td>
<td>12&quot;</td>
<td>1/2&quot;</td>
<td>2 1/4&quot;</td>
</tr>
<tr>
<td>W10x22</td>
<td></td>
<td>7/16&quot;</td>
<td>13/32&quot;</td>
<td>1 1/4&quot;</td>
<td>2 1/2&quot;</td>
</tr>
</tbody>
</table>

**NOTES:**

1. All stub posts shall be galvanized a minimum of 12" down from the base of plate.
2. Where solid rock is encountered, foundation shall be plain depth or extended 2' minimum into the rock.
3. All plate holes shall be drilled. All plate cuts shall preferably be sawcuts; flame cutting will be permitted. Provided all edges are ground smooth.
4. Do not burr threads at junction.

**SECTION A-A**

**SECTION B-B**

**SHIM DETAIL**

**FINISHED GRADE**

**STUB POST**

**SLOPE CONCRETE TO DRAIN**

**6 VERTICAL BARS SEE TABLE FOR SIZE**

**2-1/2" PITCH THREE FLAT TURNS TOP & ONE FLAT TURN BOTTOM**

**STUB POST**

**EXISTING GROUND**

**SHOT CRETE MAX.**

**STUB PROJECTION LIMITS**

**NOTES:**

1. All stub posts shall be galvanized a minimum of 12" down from the base of plate.
2. Where solid rock is encountered, foundation shall be plain depth or extended 2' minimum into the rock.
3. All plate holes shall be drilled. All plate cuts shall preferably be sawcuts; flame cutting will be permitted. Provided all edges are ground smooth.
4. Do not burr threads at junction.

**SECTION**

**BOLT RETAINER FOR W SHAPE POST**

**HOLE DIA. - U**

**28 GAUGE (0.049 IN.) GALVANIZED STEEL**

**NOTED**

**ARCHIVED**

**ARIZONA DEPARTMENT OF TRANSPORTATION**

**BREAKAWAY POST DETAILS FOR W SHAPE GUIDE SIGNS**

**S-5**