Top View

1. All dimensions are variable based on manufacturer.
# Anchor Block Detail

**Table 1. Anchor Block Foundation Dimensions**

<table>
<thead>
<tr>
<th>Size</th>
<th>Hole Diameter &quot;a&quot;</th>
<th>Bolt Projection &quot;b&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot; x 8&quot;</td>
<td>35/32&quot;</td>
<td>2-1/4&quot;</td>
</tr>
</tbody>
</table>

- All concrete and masonry blocks for all the top hole must be neatly installed before concrete is applied. Anchor block shall be spaced by means of a factory formed template or spacers at the center of which shall coincide with the center of the base.
- All concrete used in the work shall meet the requirements of the Portland cement code and shall be equivalent concrete (C600, 6,000 psi). Placement shall not exceed until concrete has reached 3,000 psi.
- Reinforcing steel shall have 0.5% yield strength. Minimum 1-1/8" minimum clearance from reinforcing steel to edge of hole.
- The drilled anchor foundation details presented herein are intended for installation in soil foundations. All special foundation investigation and design shall be conducted for specific soils with on 0.11 value of C or less or characterized as very soft soils only.
- Reinforcing steel and concrete are required to be specified in type and grade.
- All concrete shall be of a minimum compressive strength of 10,000 psi at 28 days.
- Steel reinforcing material will be considered as a cast-in-place. Cast-in-place in steel must satisfy the dimensions on SDR 8.

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# Rebar Cage Detail

**DMS Grounding Detail**

- **Table 2. Signal Pole Foundation Drilled Shank Dimensions**

<table>
<thead>
<tr>
<th>Shank Diameter &quot;d&quot;</th>
<th>Shank Neck Diameter &quot;D&quot;</th>
<th>Shank Length &quot;L&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>3&quot;</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

- All reinforcing steel shall be ASTM A416 Type.
- All concrete surfaces should be treated and sealed with curing compound.
- Shall be ASTM A416 Type.
- All concrete shall be cast in place. Curing should be done immediately after pouring.