CONSTRUCTION JOINT W/ ROUGHENED SURFACE

- Clamp conductor to reinforcing with listed connector suitable for use embedded in concrete.

- Use centralizer to place shaft reinforcement. See this sheet for details and notes.

- Provide 3'-0" minimum slack. Route conductor to ground wire terminal shown in detail 1 on sheets 10.1-A1-2, 10.1-A2-2, or 10.1-A3-2.

- Temporary casing.

- Deformed bar.

- Grounding conductor.

- Non-insulated #4 stranded copper.

- Spiral or hoop bar.

<table>
<thead>
<tr>
<th>SPAN</th>
<th>LENGTH</th>
<th>MIN. DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>less than 20'-0&quot;</td>
<td>11'-6&quot;</td>
<td>0</td>
</tr>
<tr>
<td>20'-0&quot; to 30'-0&quot;</td>
<td>14'-0&quot;</td>
<td>2</td>
</tr>
<tr>
<td>30'-0&quot; to 60'-0&quot;</td>
<td>14'-0&quot;</td>
<td>4</td>
</tr>
<tr>
<td>60'-0&quot; to 90'-0&quot;</td>
<td>18'-0&quot;</td>
<td>5</td>
</tr>
<tr>
<td>90'-0&quot; to 120'-0&quot;</td>
<td>20'-9&quot;</td>
<td>7</td>
</tr>
<tr>
<td>120'-0&quot; to 180'-0&quot;</td>
<td>20'-9&quot;</td>
<td>7</td>
</tr>
</tbody>
</table>

- Foundation reinforcement.

- Type 1 foundation table.

- Shaft depth "Z" is based on allowable lateral bearing pressure of 2500 PSF or more. Designer to verify slope angle of internal friction & soil weight corresponds to allowable lateral bearing pressure of 2500 PSF.

- Notes:
  1. Provide 3'-0" min. slack. Route conductor to ground wire terminal shown in detail 1 on sheets 10.1-A1-2, 10.1-A2-2, or 10.1-A3-2.
  2. Minimum concrete cover 8".
  3. See Std. Spec. 6-18.3(5).3 for minimum concrete cover.
  4. See Std. Spec. 6-18.3(5) for spacing requirements.
  5. Centralizers shall be epoxy coated or painted with paint conforming to standard specification 2-08.2.0 or 2-08.2.0 after fabrication.
  6. Each leg shall be tied to two (2) vertical bar and two (2) spiral wraps or two (2) hoops.
  7. Casteelaser® rebar cage spacers by Foundation Technologies may be used in lieu of detail shown. Spacing requirements shall be per manufacturer's recommendations. Each leg shall be tied to a minimum of two (2) spiral wraps or hoops.
  8. Welding shall meet the requirements of Std. Spec. 6-02.2.0 for weld dimensions, see shaft / hoop options table this sheet.