CONSTRUCTION JOINT
BY ROUGHENED SURFACE
SEE "SPIRAL TERMINATION
DETAIL" ON THIS SHEET

CLAMP CONDUCTOR TO REINFORCING
WITH LISTED CONNECTOR SUITABLE
FOR USE EMBEDDED IN CONCRETE.

1 #"X" (TYP.)
4" CLR.
2 #4 SPIRAL

GROUNDING CONDUCTOR
NON-INSULATED #4 AND
STRANDED COPPER, PROVIDE
3'-0" MIN. BLACK 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

10.1-A4-1

TYPE 1 FOUNDATION TABLE

<table>
<thead>
<tr>
<th>SHAFT DIAMETER (“S”)</th>
<th>DEPTH (“Z”)</th>
<th>DEFORMED BAR</th>
<th>WELD DIMENSIONS (IN.)</th>
<th>FOUNDATION REINFORCEMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>LESS THAN 20'-0&quot;</td>
<td>11'-6&quot;</td>
<td>0</td>
<td>2</td>
<td>12</td>
</tr>
<tr>
<td>20'-0&quot; TO 30'-0&quot;</td>
<td>14'-0&quot;</td>
<td>0</td>
<td>2</td>
<td>10</td>
</tr>
<tr>
<td>30'-0&quot; TO 60'-0&quot;</td>
<td>18'-0&quot;</td>
<td>0</td>
<td>2</td>
<td>20</td>
</tr>
<tr>
<td>60'-0&quot; TO 90'-0&quot;</td>
<td>20'-9&quot;</td>
<td>10 Bundled</td>
<td>10 Bundled</td>
<td>Painted</td>
</tr>
<tr>
<td>90'-0&quot; TO 120'-0&quot;</td>
<td>20'-9&quot;</td>
<td>10 Bundled</td>
<td>Painted</td>
<td></td>
</tr>
<tr>
<td>120'-0&quot; TO 180'-0&quot;</td>
<td>20'-9&quot;</td>
<td>10 Bundled</td>
<td>Painted</td>
<td></td>
</tr>
</tbody>
</table>

SHAFT DEPTH "Z" IS BASED ON ALLOWABLE LATERAL BEARING PRESSURE
OF 2500 PSF OR MORE. DESIGNER TO VERIFY ABOVE ANGLE OF INTERNAL
FRICTION & SOIL WEIGHT CORRESPONDS TO ALLOWABLE LATERAL BEARING
PRESSURE OF 2500 PSF.

CENTRALIZER NOTES:
1. CENTRALIZERS SHALL BE EPOXY COATED OR PAINTED WITH INORGANIC ZINC AFTER
   FABRICATION.
2. EACH LEG SHALL BE TIED TO TWO VERTICAL BARS AND TWO SPIRAL WRAPS
   OR TWO HOOPS.
3. SEE STD. SPEC. 6-18.3(5)B FOR SPACING REQUIREMENTS.