BEARING SEAT DETAIL

HALF ELEVATION

BARS U

BARS S

BARS Z

BEARING SEAT DETAIL

Foundation Loads based on "H" = 36'.

In areas of very soft soil or where scour is anticipated, allowable "H" heights must be evaluated by the Engineer prior to the use of this standard.

This standard may not be used for "H" heights exceeding 36'.

These bent details may be used with standard SIG-62-44-30 only.

Cover dimensions are clear dimensions, unless noted otherwise. Reinforcing bar dimensions shown are out-to-out of bar. Cover dimensions are clear dimensions, unless noted otherwise. Reinforcing bar dimensions shown are out-to-out of bar.

For each linear foot variation in "H" value, make the following adjustments:

- Bars S length, 1'-0"
- Bars U length, 3'-6"
- Foundation loads based on "H" = 36'
- Measured parallel to top of cap cross slope.

Table of Estimated Quantities

<table>
<thead>
<tr>
<th>No.</th>
<th>Size</th>
<th>Length</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6</td>
<td>71'</td>
<td>2,906'</td>
</tr>
<tr>
<td>2</td>
<td>5</td>
<td>85'</td>
<td>3,000'</td>
</tr>
<tr>
<td>3</td>
<td>4</td>
<td>105'</td>
<td>3,000'</td>
</tr>
<tr>
<td>4</td>
<td>3</td>
<td>115'</td>
<td>3,000'</td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>120'</td>
<td>3,000'</td>
</tr>
<tr>
<td>6</td>
<td>1</td>
<td>125'</td>
<td>3,000'</td>
</tr>
</tbody>
</table>

Foundation Loads

- Provide Class C, HPC concrete if shown elsewhere in the plans.
- Provide standard SIG-62-44-30 only.
- Provide Grade 60 reinforcing steel.
- Galvanized dowel bars D.

Materials:

- Provide Class C concrete (f'c = 3,600 psi).
- Provide Class "A" (HPC) concrete if shown elsewhere in the plans.
- Provide Class "B" reinforcing steel.
- Galvanized dowel bars D.

Reinforcing bar dimensions shown are out-to-out of bar. Cover dimensions are clear dimensions, unless noted otherwise. Reinforcing bar dimensions shown are out-to-out of bar.