1. PERMANENT INSTALLATION requirements: Embed barrier 3" (in) minimum; install 3/8" (in) Premolded Joint Filler between segments; fill the Connection Blockout with grout, centering the Rebar Grid in the blockout before adding grout.

2. TEMPORARY INSTALLATION requirement: Place a Rebar Grid in the Connection Blockout between barrier segments.

3. Installation on a horizontal curve with a radius less than 2,000' (ft) requires a modified end design.

4. For Barrier with a 2' - 10" reveal, see Sheet 2. For High-Performance Barrier with a 3' - 6" reveal, see Sheet 3.

NOTE: STEEL WELDED WIRE REINFORCEMENT DEFORMED FOR CONCRETE MAY BE SUBSTITUTED FOR REINFORCING STEEL IN ACCORDANCE WITH STANDARD SPECIFICATION 6-10.3

REINFORCING STEEL BENDING DIAGRAM

SEE DIMENSION TABLE

DIMENSION TABLE

<table>
<thead>
<tr>
<th>BARRIER HEIGHT</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>HORIZONTAL BARS (QTY.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3' - 6&quot;</td>
<td>8&quot;</td>
<td>2' - 0&quot;</td>
<td>2' - 10&quot;</td>
<td>1' - 7&quot;</td>
<td></td>
<td></td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>4' - 0&quot;</td>
<td>10 1/4&quot;</td>
<td>2' - 4 1/2&quot;</td>
<td>3' - 6&quot;</td>
<td>2' - 10&quot;</td>
<td>1' - 11&quot;</td>
<td></td>
<td>12</td>
<td></td>
</tr>
<tr>
<td>4' - 6&quot;</td>
<td>9 1/8&quot;</td>
<td>2' - 2 1/4&quot;</td>
<td>3' - 2&quot;</td>
<td>3' - 6&quot;</td>
<td>1' - 9&quot;</td>
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</tbody>
</table>

NOTE: PREPARED GRADED BASE HYPOTHETICAL GRADE DIFFERENTIAL

BARRIER TRANSITION DETAIL

TOP OF BARRIER

42" HIGH

48" HIGH

54" HIGH

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

SINGLE-SLOPE CONCRETE BARRIER (PRECAST)

STANDARD PLAN C-70.10-01

APPROVED FOR PUBLICATION

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