**Placing sequence:** 1. Base; 2. Walls and Extension; 3. Top; 4. Insert

### REINFORCING BAR LIST

<table>
<thead>
<tr>
<th>BAR</th>
<th>SIZE</th>
<th>LOCATION</th>
<th>SHAPE</th>
<th>NO.</th>
<th>LENGTH</th>
<th>WEIGHT</th>
<th>SPACING</th>
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</thead>
<tbody>
<tr>
<td>g4</td>
<td>4</td>
<td>Top</td>
<td></td>
<td>3</td>
<td>6'-6&quot;</td>
<td>6.0</td>
<td>9&quot;</td>
</tr>
<tr>
<td>g4</td>
<td>4</td>
<td>Top</td>
<td></td>
<td>4</td>
<td>1'-7&quot;</td>
<td>6.0</td>
<td>18&quot;</td>
</tr>
<tr>
<td>g2</td>
<td>4</td>
<td>Wall</td>
<td></td>
<td>3</td>
<td>4'-9&quot;</td>
<td>9.5</td>
<td>9&quot;</td>
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<tr>
<td>g3</td>
<td>4</td>
<td>Wall</td>
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<td>1'-7&quot;</td>
<td>6.0</td>
<td>18&quot;</td>
</tr>
<tr>
<td>g2</td>
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<td></td>
<td>1</td>
<td>4'-8&quot;</td>
<td>6.0</td>
<td>18&quot;</td>
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<tr>
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<td>Top</td>
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<td>3</td>
<td>1'-3&quot;</td>
<td>6.0</td>
<td>18&quot;</td>
</tr>
</tbody>
</table>

**Extension unit** may be used on either or both sides of SW-541 intakes. Details are similar when extension unit is on the opposite side.

1. **g3** for 6 inch standard curb; **g5** for 4 inch sloped curb.
2. **c1** for 6 inch standard curb; **c2** for 4 inch sloped curb. See SW-541 for reinforcing.
3. The location station is where the centerline of intake meets the back of the curb line.
SECTION A-A

11" 18"
30" 21"

Keyed Construction Joint

Back of Curb

SECTION B-B

11" 18"
10" 21"
6" 7" 8"
4" 4" 4"

6 INCH STANDARD CURB

SECTION C-C

11" 18"
33"
10" 18"
8"
2" Clear

Form Grade Elevation

Face of 6" Standard Curb

Pavement Slab

2:1 Slope (Horizontal:Vertical)

See SW-541 for reinforcing.

REVISIONS:

Removed Interim from standard.

EXTENSION UNIT FOR
OPEN-THROAT CURB
INTAKE UNDER PAVEMENT
SECTION D-D

SECTION E-E

Note: See SW-541 for reinforcing.

1. c1 for 6 inch standard curb; c2 for 4 inch sloped curb.
2. g3 for 6 inch standard curb; g5 for 4 inch sloped curb.
3. g1 for 6 inch standard curb; g5 for 4 inch sloped curb.
4. See SW-541 for reinforcing.