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 NO.</th>
<th>LENGTH</th>
<th>WEIGHT</th>
<th>SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>b2</td>
<td>4</td>
<td>Intake Wall</td>
<td>3</td>
<td>2'-6&quot;</td>
<td>6.0</td>
<td>9&quot;</td>
</tr>
<tr>
<td>f1</td>
<td>4</td>
<td>Bottom</td>
<td>3</td>
<td>4'-9&quot;</td>
<td>9.5</td>
<td>9&quot;</td>
</tr>
<tr>
<td>f2</td>
<td>4</td>
<td>Bottom</td>
<td>4</td>
<td>1'-7&quot;</td>
<td>8.2</td>
<td>18&quot;</td>
</tr>
<tr>
<td>g1</td>
<td>4</td>
<td>Wall</td>
<td>3</td>
<td>4'-8&quot;</td>
<td>3.1</td>
<td>-</td>
</tr>
<tr>
<td>g3</td>
<td>4</td>
<td>Top</td>
<td>4</td>
<td>6'-4&quot;</td>
<td>12.7</td>
<td>-</td>
</tr>
<tr>
<td>g4</td>
<td>4</td>
<td>Top</td>
<td>4</td>
<td>6'-4&quot;</td>
<td>12.7</td>
<td>-</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.

![Diagram of standard road plan](image-url)
SECTION A-A

Back of Curb

11" 18" 10"

30" 21"

SECTION B-B

Back of Curb

11" 18" 10"

30" 21"

SECTION C-C

Back of Curb

11" 18" 33"

30" 21"

Face of 6" Standard Curb

2" Clear

8" 6"

6 INCH STANDARD CURB

2:1 Slope (Horizontal:Vertical)

See SW-541 for reinforcing.
SECTION D-D

SECTION E-E

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. See SW-541 for reinforcing.