**DITCH BOTTOM INLET TYPE J**

**GENERAL NOTES**

1. This inlet is designed for use in ditches, medians, pavement areas or other areas subject to heavy wheel loads with minimal debris. This inlet is not for use in areas subject to bicycle traffic. This inlet may be placed in areas subject to occasional pedestrian traffic such as landscaped areas and pavement areas where pedestrians can walk around the inlet.

2. All reinforcing Grade 60 bars with 2" min. cover unless otherwise noted. See Index No. 201 for equivalent area of welded wire fabric. Cut or bend bars out of way of pipe when necessary; bars to clear pipe by 1/2". See Index No. 201 for verification for fit in accordance with Index No. 201. For larger pipe, see Structure Bottom details above and Index No. 200.

3. All exposed edges and corners shall be 45° chamfer or tooled to 45° radius.

4. When alternate G grate is specified in plans the grate is to be hot dip galvanized after fabrication.

5. For supplemental details, see Index No. 201.

6. All dimensions are for both precast and cast-in-place inlets unless otherwise noted.

7. Cost of ditch paving to be included in cost of inlet. Sodding to be paid for under contract unit price for Performance Turf, SY. See Inset A for Precast Inlet (Typ.)

**RECOMMENDED MAXIMUM PIPE SIZES**

<table>
<thead>
<tr>
<th>PIPE SIZE</th>
<th>WALL INSIDE WIDTH</th>
<th>MAX. SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 4'</td>
<td>2'-11&quot; or 3'-5&quot;</td>
<td>12&quot; or 8&quot;</td>
</tr>
<tr>
<td>4' - 9'</td>
<td>6'-0&quot; Or 3'-3&quot;</td>
<td>6&quot; or 6&quot;</td>
</tr>
<tr>
<td>9'-12&quot; Or 4'-0&quot;</td>
<td>9'-15&quot; Or 6'-0&quot;</td>
<td>4&quot; or 5&quot;</td>
</tr>
</tbody>
</table>

**SITE WELDABLE FOOTING WALL MATERIAL**

- **C-I-P**
- **PreCast**

**PLACEMENT OF WALL REINF.**

- Wall reinforcing bars are to be located within the reinforced area.

**INLET WITH STRUCTURE BOTTOM**


**SCHEDULE (TABLE 1)**

<table>
<thead>
<tr>
<th>WALL</th>
<th>DEPTH</th>
<th>AREA (in²/ft)</th>
<th>MAX. SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 4'</td>
<td>2'-11&quot; or 3'-5&quot;</td>
<td>12&quot; or 8&quot;</td>
<td>12&quot; or 8&quot;</td>
</tr>
<tr>
<td>4' - 9'</td>
<td>6'-0&quot; Or 3'-3&quot;</td>
<td>6&quot; or 6&quot;</td>
<td>6&quot; or 6&quot;</td>
</tr>
<tr>
<td>9'-12&quot; Or 4'-0&quot;</td>
<td>9'-15&quot; Or 6'-0&quot;</td>
<td>4&quot; or 5&quot;</td>
<td>4&quot; or 5&quot;</td>
</tr>
</tbody>
</table>

**RECOMMENDED MAXIMUM PIPE SIZES**

- **INLET INSIDE WIDTH**
- **PIECE SIZE**
  - 2'-11" or 3'-5": 24" Pipe Size
  - 6'-0" Or 3'-3": 30" Pipe Size

**GENERAL NOTES**


**INLET WITH STRUCTURE BOTTOM**

- Wall reinforcing bars are to be located within the reinforced area.

**SCHEDULE (TABLE 1)**

<table>
<thead>
<tr>
<th>WALL</th>
<th>DEPTH</th>
<th>AREA (in²/ft)</th>
<th>MAX. SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 4'</td>
<td>2'-11&quot; or 3'-5&quot;</td>
<td>12&quot; or 8&quot;</td>
<td>12&quot; or 8&quot;</td>
</tr>
<tr>
<td>4' - 9'</td>
<td>6'-0&quot; Or 3'-3&quot;</td>
<td>6&quot; or 6&quot;</td>
<td>6&quot; or 6&quot;</td>
</tr>
<tr>
<td>9'-12&quot; Or 4'-0&quot;</td>
<td>9'-15&quot; Or 6'-0&quot;</td>
<td>4&quot; or 5&quot;</td>
<td>4&quot; or 5&quot;</td>
</tr>
</tbody>
</table>

**INSET A**

- #4 Bars @ 12" Ctrs. (8" Slab)
- Or 11" Ctrs. (Precast 6" Slab)
- #4 Bars @ 12" Ctrs. (8" Slab)
- Or 11" Ctrs. (Precast 6" Slab)

**GENERAL NOTES**

1. This inlet is designed for use in ditches, medians, pavement areas or other areas subject to heavy wheel loads with minimal debris. This inlet is not for use in areas subject to bicycle traffic. This inlet may be placed in areas subject to occasional pedestrian traffic such as landscaped areas and pavement areas where pedestrians can walk around the inlet.

2. All reinforcing Grade 60 bars with 2" min. cover unless otherwise noted. See Index No. 201 for equivalent area of welded wire fabric. Cut or bend bars out of way of pipe when necessary; bars to clear pipe by 1/2".

3. All exposed edges and corners shall be 45° chamfer or tooled to 45° radius.

4. When alternate G grate is specified in plans the grate is to be hot dip galvanized after fabrication.

5. For supplemental details, see Index No. 201.

6. All dimensions are for both precast and cast-in-place inlets unless otherwise noted.

7. Cost of ditch paving to be included in cost of inlet. Sodding to be paid for under contract unit price for Performance Turf, SY.
Ditch Bottom Inlet Type J

SECTION CC

SECTION DD

PAVEMENT & SODDING

Ditch Bottom

1. Weep Wall Required (Paved Or Unpaved Ditches)

Ditch Block (Low Side Of Inlet On Continuous Ditches)

STEEL GRATING

Main Bars 5" x ½ (Notched For Cross Bars)

Cross Bars 1½" x ½ (Continuously Welded At Main Bar Notches)

Main Bars And Cross Bars Flush On Top.

Note: Two Required Per Inlet

DETAIL