**REVISION NO.**

**INDEX NO.**

**DESCRIPTION:**

**REV IS IO N**

**NO. SHEET**

**INDEX NO.**

**REV IS IO N**

**NO. SHEET**

**INDEX NO. 200**

**GENERAL NOTES**

1. This inlet is designed for use in ditches, medians, pavement areas or other areas subject to heavy wheel loads with minimal cover. 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 structure bottom details and hole reinforcement.

3. All exposed edges and corners shall be 1/4" chamer or tooled to 3/8" 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.

**HORIZONTAL WALL REINFORCING SCHEDULE (TABLE 1)**

<table>
<thead>
<tr>
<th>WALL DEPTH</th>
<th>SCHEDULE</th>
<th>AREA (in²/ft)</th>
<th>MAX. SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 4'</td>
<td>A12</td>
<td>0.20</td>
<td>12&quot;</td>
</tr>
<tr>
<td>4' - 9'</td>
<td>A12</td>
<td>0.20</td>
<td>12&quot;</td>
</tr>
<tr>
<td>9' - 12'</td>
<td>A4</td>
<td>0.20</td>
<td>12&quot;</td>
</tr>
<tr>
<td>12' - 15'</td>
<td>A5.5</td>
<td>0.24</td>
<td>30&quot;</td>
</tr>
</tbody>
</table>

**RECOMMENDED MAXIMUM PIPE SIZES**

<table>
<thead>
<tr>
<th>INLET INSIDE WIDTH</th>
<th>PIPE SIZE</th>
<th>WALL DEPTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-11&quot; or 3'-3&quot;</td>
<td>24&quot;</td>
<td>2'-11&quot;</td>
</tr>
<tr>
<td>3'-10&quot; or 4'-0&quot;</td>
<td>30&quot;</td>
<td>3'-10&quot;</td>
</tr>
</tbody>
</table>

**NOTE:** All B Structure Bottom only.  See Index No. 200 for structure bottom details and hole reinforcement.

**DITCH BOTTOM INLET TYPE J**

**SECTION BB**

**SECTION AA**

**INLET WITH STRUCTURE BOTTOM**

**PIPE OPENING Shown**

**PIPE OPENING Not Shown**

**Location Reference**

**Center Of Box**

**No. 201**

**See Index**

**Eyebolt**

**Grating**

**Steel**

**Below Grate Seat**

1 ~ Extra #4 Bar @ 12" Ctrs.

**4"x4"-W4xW4 WWF**

**C-I-P Only**

2" (Typ.)

**Shown On Plans**

**Inlet Elevation As (See Table 1)**

**Horiz. Wall Reinforcement**

**(See Table 1)**

**#4 Bars @ 12" Ctrs.**

**Opening Above Pipe**

1 ~ Extra #4 Bar @ 12" Ctrs.

**Steel Grating, See Detail**

**Inlet (Typ.)**

**For Precast**

**See Inset A**

**INDEX NO. 200**

**INDEX NO. 201**

**NOTE:** All B Structure Bottom only.  See Index No. 200 for structure bottom details and hole reinforcement.

**GENERAL NOTES**

1. This inlet is designed for use in ditches, medians, pavement areas or other areas subject to heavy wheel loads with minimal cover. 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 1/4" chamer or tooled to 3/8" 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**
- Ditch Bottom
- Toe Wall Required (Paved or Unpaved Ditches)

**SECTION DD**
- Ditch Block (Low Side Of Inlet On Continuous Ditches)

**PAVEMENT & SODDING**
- 4'-3" Out To Out
- 1'-5"
- 1'-6"
- 2 Soil All Around (Total 9 SF)

**STEEL GRATING**
- 1/2" Preformed Joint Filler
- 3" Conc. Ditch Pavt. (Total 9 SY)
- 2' Sod All Around

**DETAIL**
- Main Bars 5" x 1/2" (Notched For Cross Bars)
- Cross Bars 1/2" x 1/2" (Continuously Welded At Main Bar Notches) Main Bars And Cross Bars Flush On Top

Note: Two Required Per Inlet