Attention: All B Structure Bottom Only. See Index 425-010 for structure bottom details and hole reinforcement.

**Inlet with Structure Bottom**

### 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>
<th>Bars WWF</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 4'</td>
<td>A12</td>
<td>0.20</td>
<td>12'</td>
<td>8'</td>
</tr>
<tr>
<td>4' - 9'</td>
<td>A6</td>
<td>0.20</td>
<td>6'</td>
<td>5'</td>
</tr>
<tr>
<td>9' - 12'</td>
<td>A4</td>
<td>0.20</td>
<td>4'</td>
<td>3'</td>
</tr>
<tr>
<td>12' -</td>
<td>05.5</td>
<td>0.24</td>
<td>50'</td>
<td>5'</td>
</tr>
</tbody>
</table>

### 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 425-001 for equivalent area of welded wire fabric. Cut or bend bars out of way of pipe when necessary; bars to clear pipe by 1½".

3. All exposed edges and corners shall be 1½ chamfer or tooled to 1½ 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 425-001.

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.

### Recommended Maximum Pipe Sizes

<table>
<thead>
<tr>
<th>Inlet Inside Width</th>
<th>Pipe Size</th>
<th>Recommended Sizes</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-11&quot; or 3'-3&quot;</td>
<td>24&quot;</td>
<td>2'-11&quot; or 3'-3&quot;</td>
</tr>
<tr>
<td>3'-10&quot; or 4'-6&quot;</td>
<td>30&quot;</td>
<td>3'-10&quot; or 4'-6&quot;</td>
</tr>
</tbody>
</table>

Note: Recommended sizes are for concrete pipe. Sizes for other types of pipe must be verified for fit in accordance with Index 425-001. For larger pipe, see Structure Bottom detail above and Index 425-010.
SECTION CC

Ditch Bottom

Ditch Block (low side of inlet on continuous ditches)

SECTION DD

PAVEMENT & SODDING

Ditch Bottom

Detail

STEEL GRATING

Note: Two required per inlet

Ditch Block (low side of inlet on continuous ditches)

Side Slope

SIDE SLOPE

Toewall Required (Paved Or Unpaved Ditches)