Notes:
1. Pavement and sod to be used only where called for in the plans.
2. Cost of paving to be included in cost of inlet.

**PAVEMENT AND SODDING**

**SOD ONLY**

**PAVT. AND SOD**

**STEEL GRATE**

Steel Grating, Straight Bars 3"x3" Reticuline Bars 2"x2"

**TYPE F**

**SECTION AA**

**SECTION BB**

**SECTION CC**

**SECTION DD**

**HORIZONTAL WALL REINF. SCHEDULES TYPE F INLET (TABLE 1)**

<table>
<thead>
<tr>
<th>WALL DEPTH</th>
<th>SCHEDULE</th>
<th>AREA (in²)</th>
<th>MAX SPACING</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4&quot;</td>
<td>A12</td>
<td>0.20</td>
<td>12&quot;</td>
</tr>
<tr>
<td>4 - 7&quot;</td>
<td>A6</td>
<td>0.20</td>
<td>5&quot;</td>
</tr>
<tr>
<td>7 - 12&quot;</td>
<td>A35</td>
<td>0.24</td>
<td>9&quot;</td>
</tr>
<tr>
<td>12 - 13&quot;</td>
<td>Special 1</td>
<td>0.267</td>
<td>5&quot;</td>
</tr>
</tbody>
</table>

**RECOMMENDED MAXIMUM PIPE SIZES**

<table>
<thead>
<tr>
<th>INLET INSIDE WIDTH</th>
<th>PIPE SIZE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2'-6&quot; (Type F)</td>
<td>18&quot;</td>
</tr>
<tr>
<td>4'-0&quot; (Type F)</td>
<td>30&quot;</td>
</tr>
<tr>
<td>4'-10&quot; / 5'-0&quot; (Type G)</td>
<td>42&quot;</td>
</tr>
</tbody>
</table>

**GENERAL NOTES**

1. These inlets are designed for use in ditches, medians, pavement areas, or other areas subject to heavy wheel loads, minimal debris, and 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. When inlet is placed in areas subject to bicycle traffic, install filler bar when clearance or gap is greater than 1" as shown in Index 218 Inlet B.

2. When Alternate G grate is specified in plans, the grate is to be hot dip galvanized after fabrication.

3. These inlets may be used with Alternate B structure bottoms, Index 200. The inlet and bottom combinations are to be paid for under the contract unit price for inlets (DT Bot) (Type F or G) (J Bot, Depth), Ea.

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

5. For supplemental details, see Index 201.

6. All reinforcing is Grade 60 bars with 2" min. cover unless otherwise noted. Bars to be cut or bent for 1/2" clearance around pipe opening. Provide one additional #4 bar above and at each side of pipe opening, as shown.

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

**PIPE OPENING SCHEMATIC**

**TYPE F SHOWN. TYPE G SIMILAR**

**DITCH BOTTOM INLET TYPES F AND G**

**INDEX NO. 201**

**DESIGN STANDARDS**

**FY 2017-18**