1. **GRATING:**
   Grate and frame, Christy Foundry Company No. 71W432 (285#) or approved equal.

2. **CONNECTOR PIPE:**
   Pipe shall be located at the floor & downstream end of the basin. Pipe shall be trimmed to final length and shape before the placement of concrete.

3. **CONCRETE:**
   Concrete shall be 6 sack 3000# design mix. Floor of the basin shall slope from all walls to the outlet and shall be given a steel-troweled finished surface. Walls of the basin chamber shall be poured to the elevation and slope of the existing street surface.

4. **DIMENSIONS:**
   - T=6" if "V" 4'-6" or less
   - T=8" if "V" is 4'-6" to 8'-0"
   - T=10" if "V" is 8'-0" or more
   - W=2'-11 1/8" for one grate,
     Add 3'-5 3/8" for ea. additional grate.

5. **REINFORCEMENT:**

<table>
<thead>
<tr>
<th>V (FEET)</th>
<th>FROM</th>
<th>TO (INCL.)</th>
<th>T (IN.)</th>
<th>SIDE &amp; END WALL STEEL</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4</td>
<td>6</td>
<td>#3 @ 6&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>4</td>
<td>8</td>
<td>#4 @ 6&quot;</td>
<td></td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>12</td>
<td>#5 @ 6&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**SECTION A-A**

**SECTION B-B**