**Longitudinal Section**

- **Variable Length**
- **Standard**

**Cross Section**

- **3/8" x 19" x max. 7'-6" steel plate**
- **Non-slip diamond design**
- **Surface**
- **Tapered 8-72 rim & grating**
- **Mortar**
- **6 EA. 1/2" x 10 1/2" long welded to plate & anchored in mortar w/ std. hook**
- **3/8" steel plate shaped & welded entire width of plate (see detail A)**

**Header Course Every Fifth Course**

**Plan**

- **6 EA. 1/2" bars 10 1/2" long welded to plate**
- **Tapered 6-1/2 rim & grating**

**Detail A**

- **Curb Line**
- **Detal A**
- **Normal Gutter**

**Detail B**

**Opening Area of Inlets**

<table>
<thead>
<tr>
<th>Length of Curb Opening</th>
<th>Area of Inlet</th>
<th>Total Opening</th>
</tr>
</thead>
<tbody>
<tr>
<td>4ft</td>
<td>2.52 sq ft</td>
<td>6.12 sq ft</td>
</tr>
<tr>
<td>6ft</td>
<td>3.49 sq ft</td>
<td>6.90 sq ft</td>
</tr>
<tr>
<td>8ft</td>
<td>5.07 sq ft</td>
<td>8.05 sq ft</td>
</tr>
</tbody>
</table>

**Opening Area of 4 1/2 Grating 3.75 sq ft**

**Note:** Standard curb opening is 72". Variations only on order of engineer.

Conc. to be Class 'A'