GENERAL NOTES

1. The finished grade and slope of the inlet top are to conform with the finished cross slope and grade of the proposed sidewalk and/or border.

2. If Inlets are to be constructed on a curve, refer to the plans to determine the radius and, where necessary, modify the inlet details accordingly. Bend steel when necessary.

3. Steeldrain have 1 1/2" minimum cover unless otherwise shown. Inlets can be either cast-in-place or prestressed concrete. Channel or exposed edges 1/8".

4. Reinforcement is ASTM A516/A516M. Grade 60 steel, either smooth or deformed. Equivalent or grade 40 steel or 65 ksi welded wire fabric may be substituted.

5. Inlets to be paid for under the contract unit price for Inlets (Closed Flume) EA.

DESIGN NOTES

1. These inlets are designed for use with Type F curb and gutter only. Locate inlet outside of curb ramp area.

2. The Single Barrel Flume is intended for locations with light to moderate flows. Multiple Barrel Flumes must be selected to meet design heavy flows.

3. The designer must specify Flume Type, "D" dimension, number of barrels and girders/requirements in plans.

4. The designer must specify where energy dissipating bricks are required.
SLOPES, DITCH APRON AND ENDWALLS

See Plans for Guiderail Requirements

Closed Flume Inlet

Sloped Slope

4"-0" Varies

6" Thick Sidewalk Topwall

6" Thick Sidewalk Topwall

Guiderail for Flume in Sidewalk
**INTER-WALL REINFORCING**

*NOTE:* See Single Barrel Flume for Base Dimensions.

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**SECTION CC**

**DOUBLE BARREL FLUME**

<table>
<thead>
<tr>
<th>5 Bars (Typ.)</th>
<th>4 Bars Top and Bottom (Typ.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Broken Lines</td>
<td>Denotes Inside Layer Of Reinforcing</td>
</tr>
</tbody>
</table>

- To Be Paid For
- As Curb & Gutter

**SECTION CC**

**TRIPLE BARREL FLUME**

<table>
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<tr>
<th>5 Bars (Typ.)</th>
<th>4 Bars Top and Bottom (Typ.)</th>
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**SECTION CC**

**QUADRUPLE BARREL FLUME**

<table>
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<tr>
<th>4 Bars (Typ.)</th>
<th>4 Bars Top and Bottom (Typ.)</th>
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</tbody>
</table>

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- As Curb & Gutter

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**TOP VIEW**

- Center Wall
- Intermediate Wall
- Gutter Transition
- F.L. Of Gutter

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**DESCRIPTION**

- Converted to V8.