DESIGN NOTES

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

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

2. Designer must specify Flume Type, "D" dimension, number of barrels and guiderail requirements in plans.

3. Designer must specify where energy dissipating bricks are required.

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. When 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. All steel shall have 2" minimum cover unless otherwise shown. Inlets can be either cast-in-place or precast concrete. Chamfer all exposed edges.

4. All reinforcement is ASTM A615/A615M Grade 60 steel, either smooth or deformed. Equivalent area 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.
#4 Steel Tie Bar

**SECTION AA**

Sta/Offset Location

<table>
<thead>
<tr>
<th>Varies</th>
<th>Varies</th>
<th>E Thick Concrete Slab</th>
<th>3'-0&quot; (Min.)</th>
</tr>
</thead>
</table>

|
| 2" Typ |
| 2'-0" C & G |


**SECTION BB**

Existing Ground

| 6'-0" |
| 3'-0" (Min.) |

| 6'-0" |

| 6'-0" |


**FLUME W/O SIDEWALK INLET (CLOSED FLUME) TYPE II**

SINGLE BARRREL FLUME DEPICTED

- "Bricks to Dissipate Energy: When Called For In Plans. Bricks To Be Included in The Cost Of The Inlet.
- Sod (Same As Right)
- *Bricks to Dissipate Energy

**ENDWALL**

|
| 2'-0" (Min.) |
| 10" |

**PLAN**

Curb & Gutter Type "F"

Sod For Flumes Without Sidewalk

Ditch Bottom

Swale or Ditch Bottom
CLOSED FLUME INLET

DESCRIPTION:

REVISED DESIGN STANDARDS FY 2017-18

REV NO.

SHEET NO.

INDEX NO.

NOTE: See Barrel Flume For Base Dimensions.