Top Wall

#5 Bars Top and Bottom (Typ.)

4-0" Typical All Around

#4 Bars @ 6" cc

Flume W/Sidewalk Inlet (Closed Flume) Type I

## 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 45°.

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.

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**Sheet Index**

1. Last Revision: 01/17
2. Description: FY 2019-20 Standard Plans
3. Index: 425-061
4. Sheet: 1 of 3
FLUME W/O SIDEWALK INLET (CLOSED FLUME) TYPE II

SINGLE BARREL FLUME DEPICTED

SECTION AA

- #4 Steel Tie Bar
- Curb & Gutter Type "F"
- Ditch Bottom
- Swale or Slab
- 2" Typ E.P.
- 4" Thick Concrete Slab
- Sta./Offset Location Varies
- 2'-0" (Min.) Variance

SECTION BB

- Existing Ground
- 6'-0" (Min.) Variance
- 3'-0"
- 6'-0"

ENDWALL

- #4 Steel Tie Bar
- Curb & Gutter Type "F"

PLAN

- Swale or Ditch Bottom
- Slab
- 3'-0"
- 6'-0"
- 2'-0" (Min.) Variance

CLOSED FLUME INLET

REVISED 11/01/17

REVISION

DESCRIPTION:

LAST

INDEX

REVISION

FY 2019-20

STANDARD PLANS

SHEET

OF STANDARD PLANS

425-061

2 of 3
INTERMEDIATE-WALL REINFORCING
NOTE: See Barrel Flume For Base Dimensions.