

PRECAST SLAB AND FLOOR REINFORCING

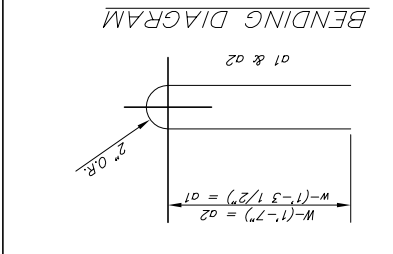
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
* 01	4	13	6'-7"	13	10'-7"	13	12'-7"	4	14'-7"	4	14'-7"
02	4	13	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
03	4	1	4'-1"	23	6'-1"	23	6'-1"	1	7'-1"	1	8'-1"
04	4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
* b1	4	23	11'-1"	23	11'-1"	23	11'-1"	1	11'-1"	1	11'-1"
* b2	4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"	47	11'-1"
x1	4	16	3'-10"	16	4'-2"	16	4'-6"	16	4'-10"	16	5'-2"

WALL REINFORCING

MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	11	1	11'-1"	1	11'-1"	1	11'-1"	1	11'-1"	1	11'-1"
w2	11	1	6'-1"	1	6'-1"	1	6'-1"	1	6'-1"	1	6'-1"
w3	4	52	4'-1"	56	5'-1"	60	6'-1"	64	7'-1"	68	8'-1"

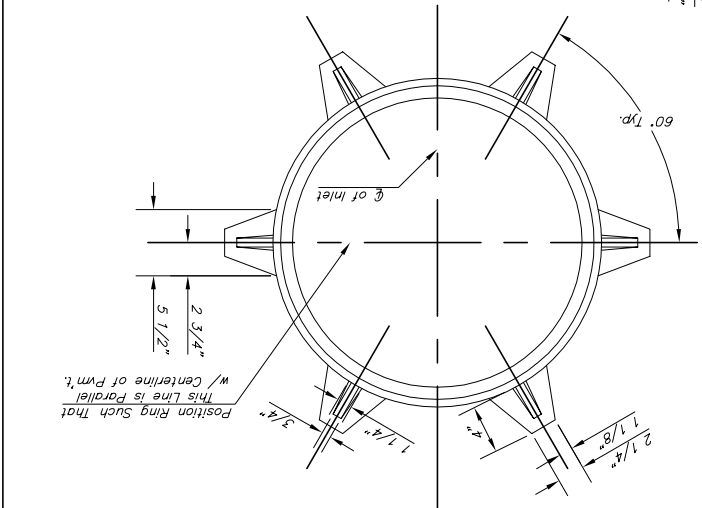
* Field Bend or Cut Reinforcing as Required for Clearance.

① 4 (H1 - 12") (H1 - 21") Rounded down to nearest 0.5"
 ② H1 - 3"



STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.	0.833	1.094	1.354	1.614	1.874
4'-4"	3'-8" 11'-4" 7 1/2"	21" & SMALLER	0.833	1.094	1.354	1.614	1.874	
5'-4"	4'-8" 11'-4" 7 1/2"	24" & 30"	1.094	1.354	1.614	1.874		
6'-4"	5'-8" 11'-4" 7 1/2"	36" & 42"	1.354	1.614	1.874			
7'-4"	6'-8" 11'-4" 7 1/2"	48" & 54"	1.614	1.874				
8'-4"	7'-8" 11'-4" 7 1/2"	60" & 66"	1.874					



STANDARD TYPE 1-A CURB INLET OPENING = 6" x 10'-0"

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PROJECT NUMBER 706875

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DATE JUN 01

SHEET 20 OF 36

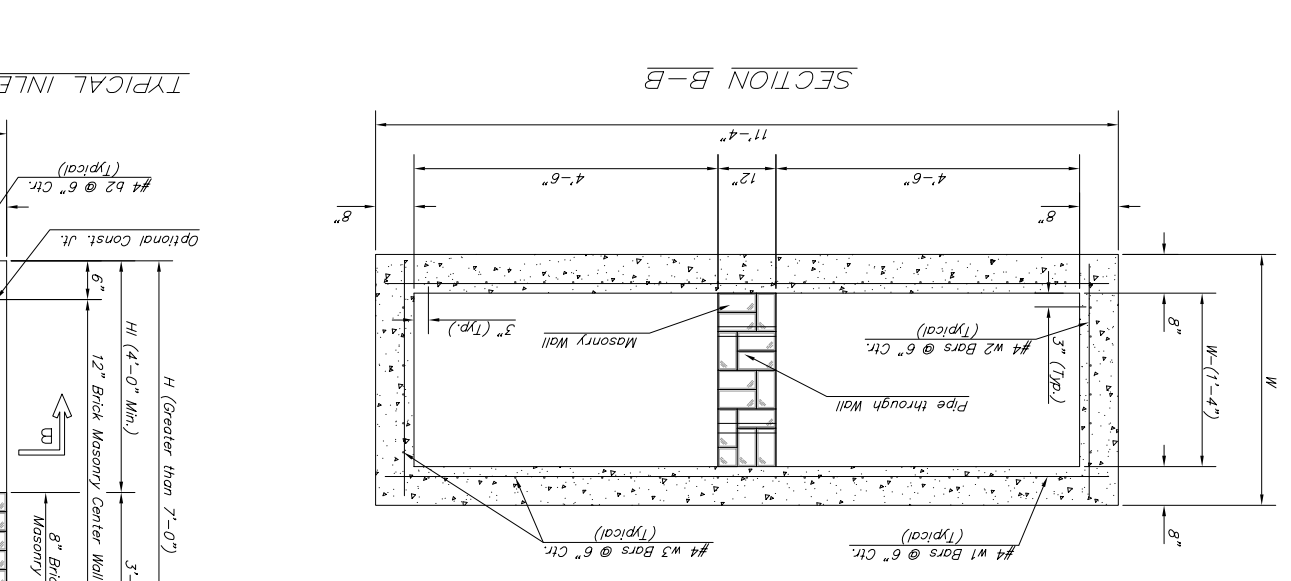
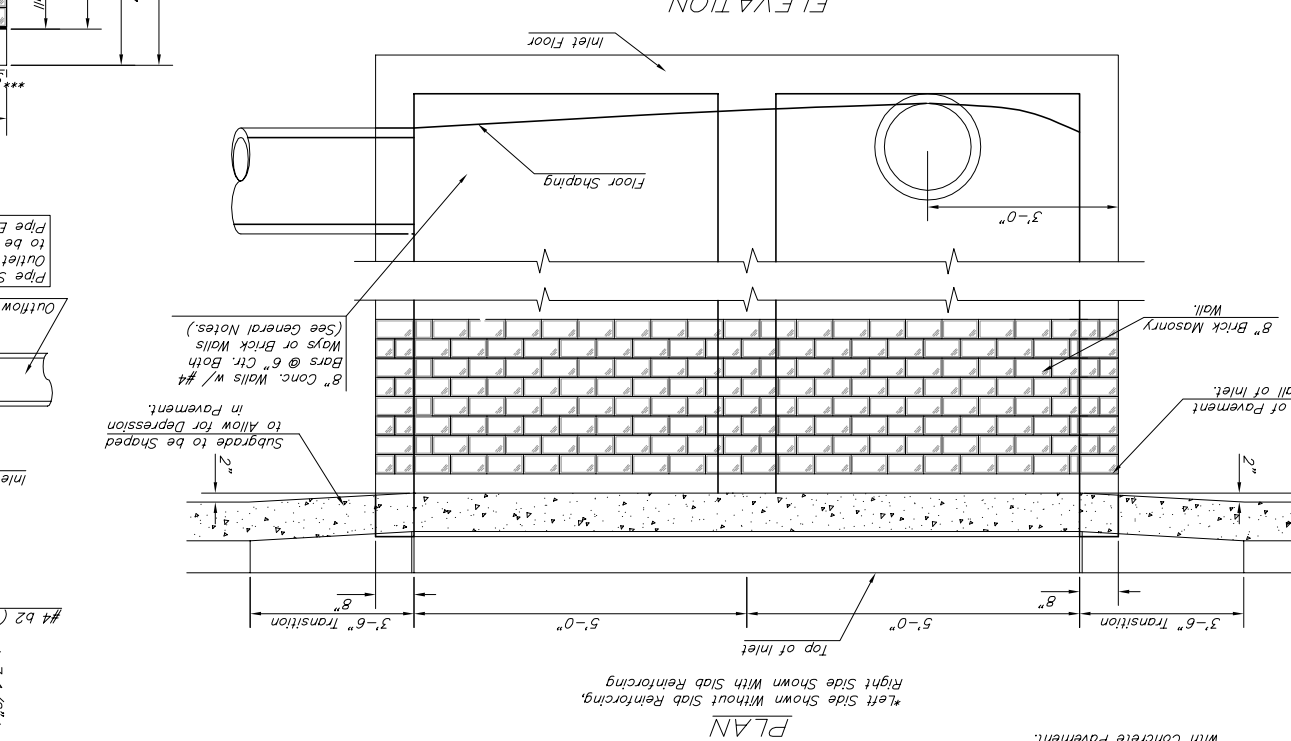
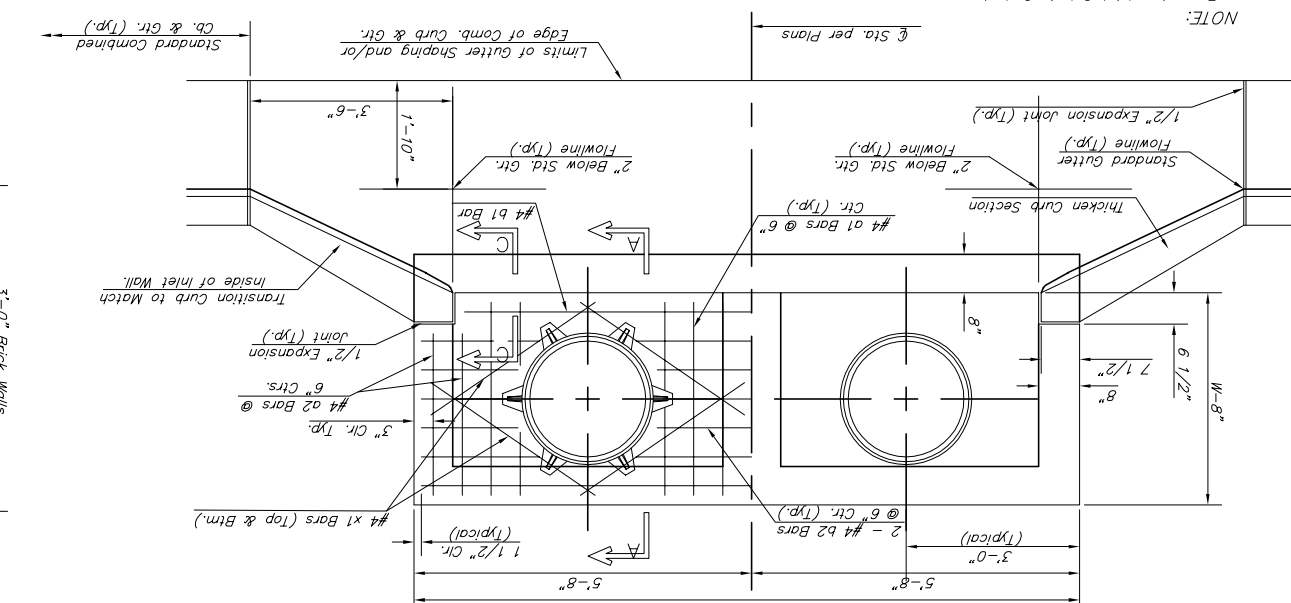
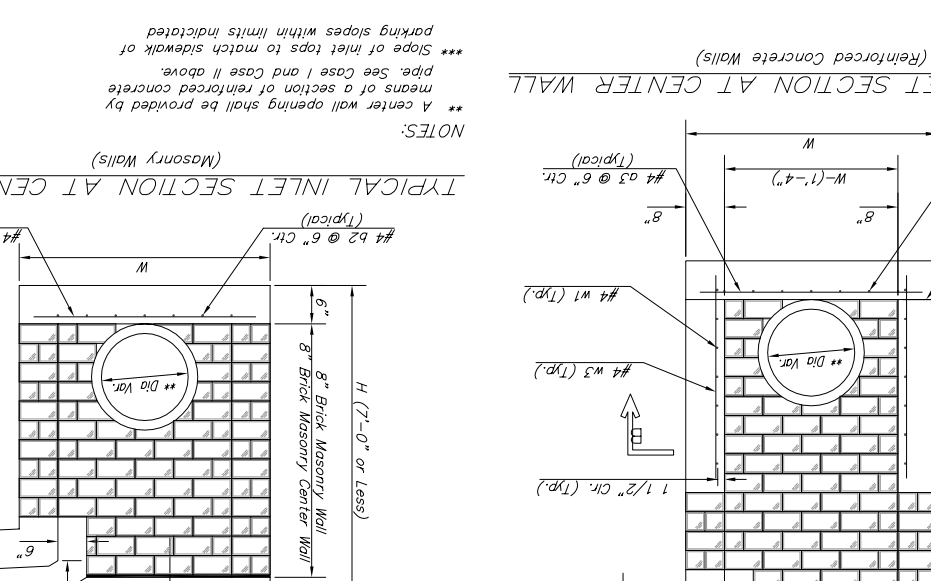
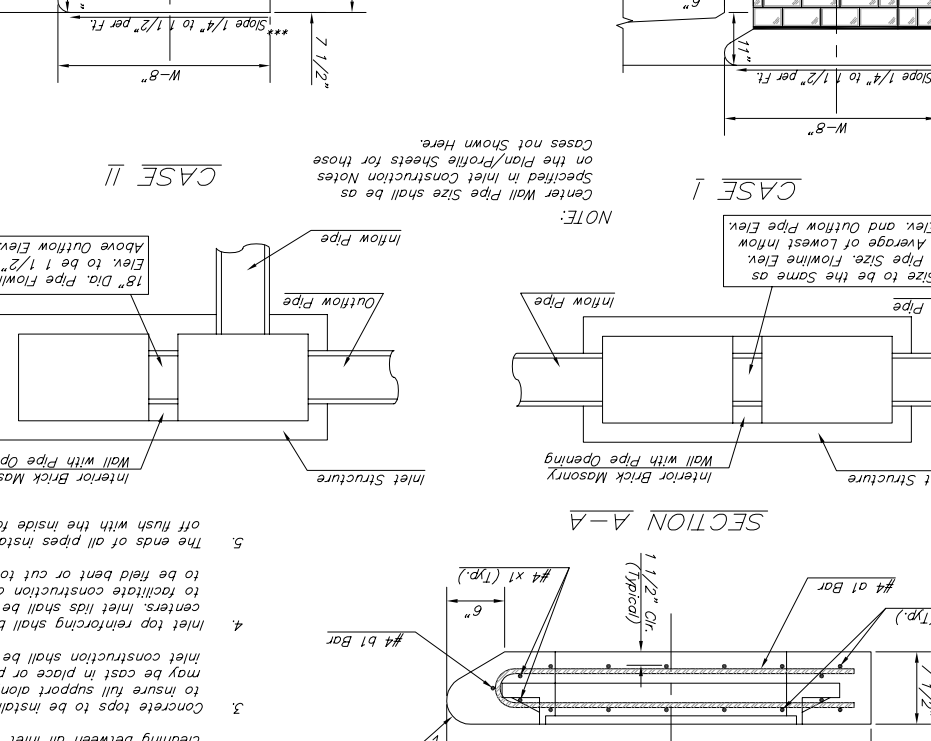
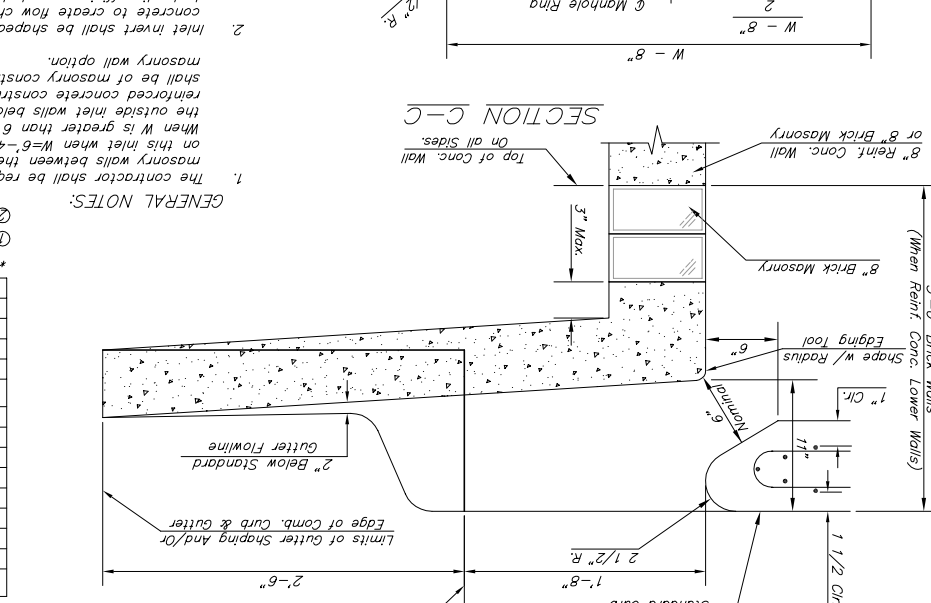
GENERAL NOTES:

- The contractor shall be required to construct 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" or less and H=7'-0" or less. When W is greater than 6'-4" and H is less than 7'-0" the outside inlet walls below the brick stack shall be reinforced concrete construction and the center wall shall be of masonry construction as shown for the masonry wall option.
- Inlet invert shall be shaped with 8 sack sand mix concrete to create flow channels and to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet pipes.
- Concrete tops to be installed on thin mortar cushion to insure full support along brick walls. Concrete tops may be cast in place or precast. Concrete used for inlet construction shall be concrete pavement mix.
- Inlet top reinforcing shall be spaced on 6" max. centers. Inlet lids shall be notched out as indicated to facilitate construction of curb. Bars in inlet top to be field bent or cut to clear manhole ring.
- The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

SECTION A-A

CASE II

TYPICAL INLET SECTION AT CENTER WALL (Masonry Walls)



NOTES:

- A center wall opening shall be provided by means of a section of reinforced concrete pipe. See Case I and Case II above.
- Slope of inlet tops to match sidewalk of parking slopes within limits indicated.

NOTE:

Expansion Joint Only in Curb Area with Concrete Pavement.

Left Side Shown Without Slab Reinforcing.
 Right Side Shown With Slab Reinforcing.

Subgrade to be Shaped to Allow for Depression in Pavement.

8" Conc. Walls w/ #4 Bars @ 6" Ctr. Both Ways or Brick Walls (See General Notes).

8" Brick Masonry Wall.

Bottom of Pavement at Wall of Inlet.

3'-6" Transition

5'-0" Top of Inlet

5'-0" Transition

3'-6" Transition

8" Floor Shaping

Inlet Floor

NOTE:

Pipe Size to be the Same as Outlet Pipe Size. Flowline Elev. to be Average of Lowest Inflow Pipe Elev. and Outflow Pipe Elev.

CASE I

Inlet Structure

Interior Brick Masonry Wall with Pipe Opening

Outflow Pipe

Inflow Pipe

NOTE:

Center Wall Pipe Size shall be as Specified in Inlet Construction Notes on the Plan/Profile Sheets for those Cases not Shown Here.

NOTE:

Optional Const. It.

8" Brick Masonry Center Wall

8" Brick Masonry Wall

1 1/2" Cir. (Typ.)

#4 w3 (Typ.)

#4 w1 (Typ.)

#4 b2 @ 6" Ctr. (Typical)

W-(1'-4")

8"

8"

H (Greater than 7'-0")

12" Brick Masonry Center Wall

6"

3'-0"

Slope 1/4" to 1 1/2" per Ft.

6"

W-8"