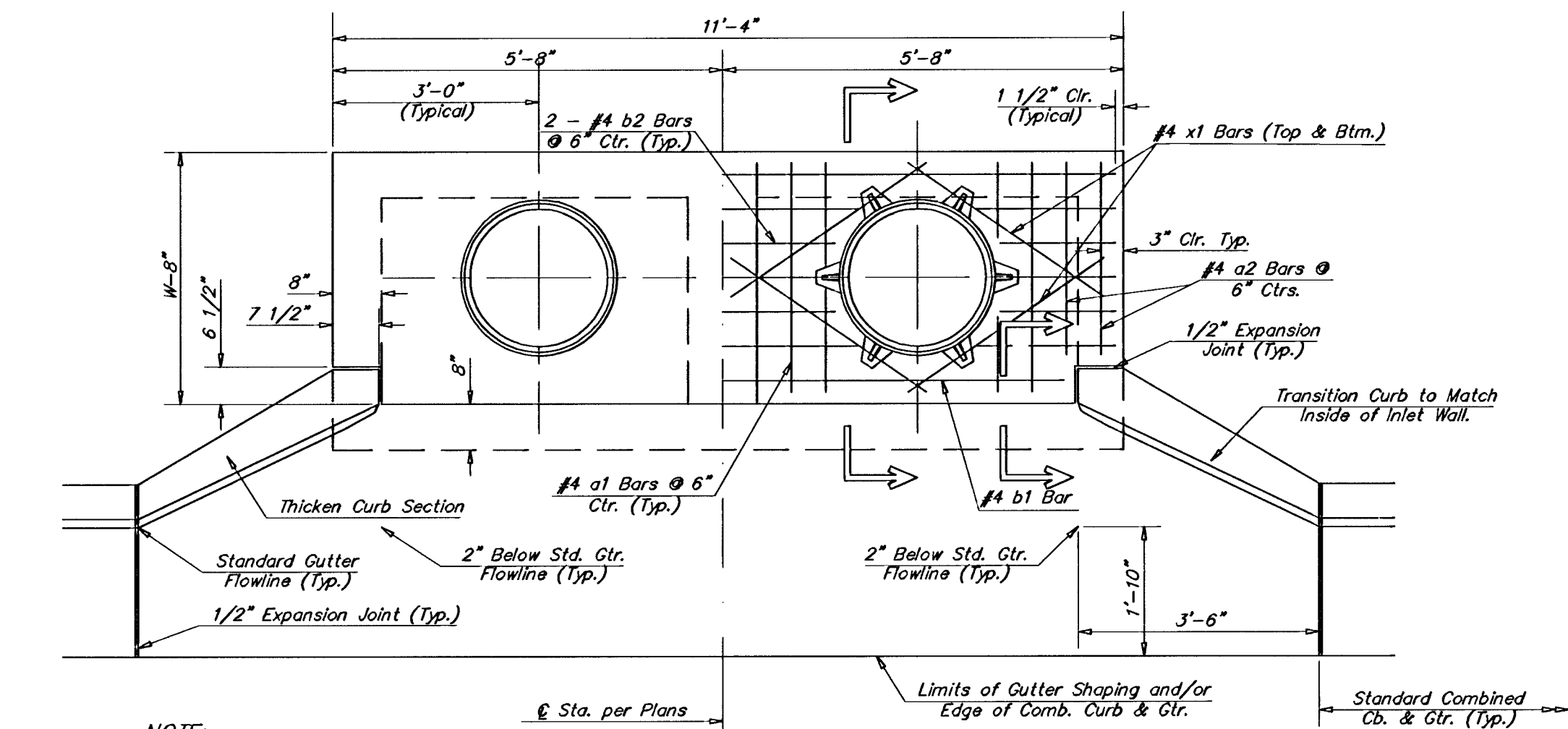
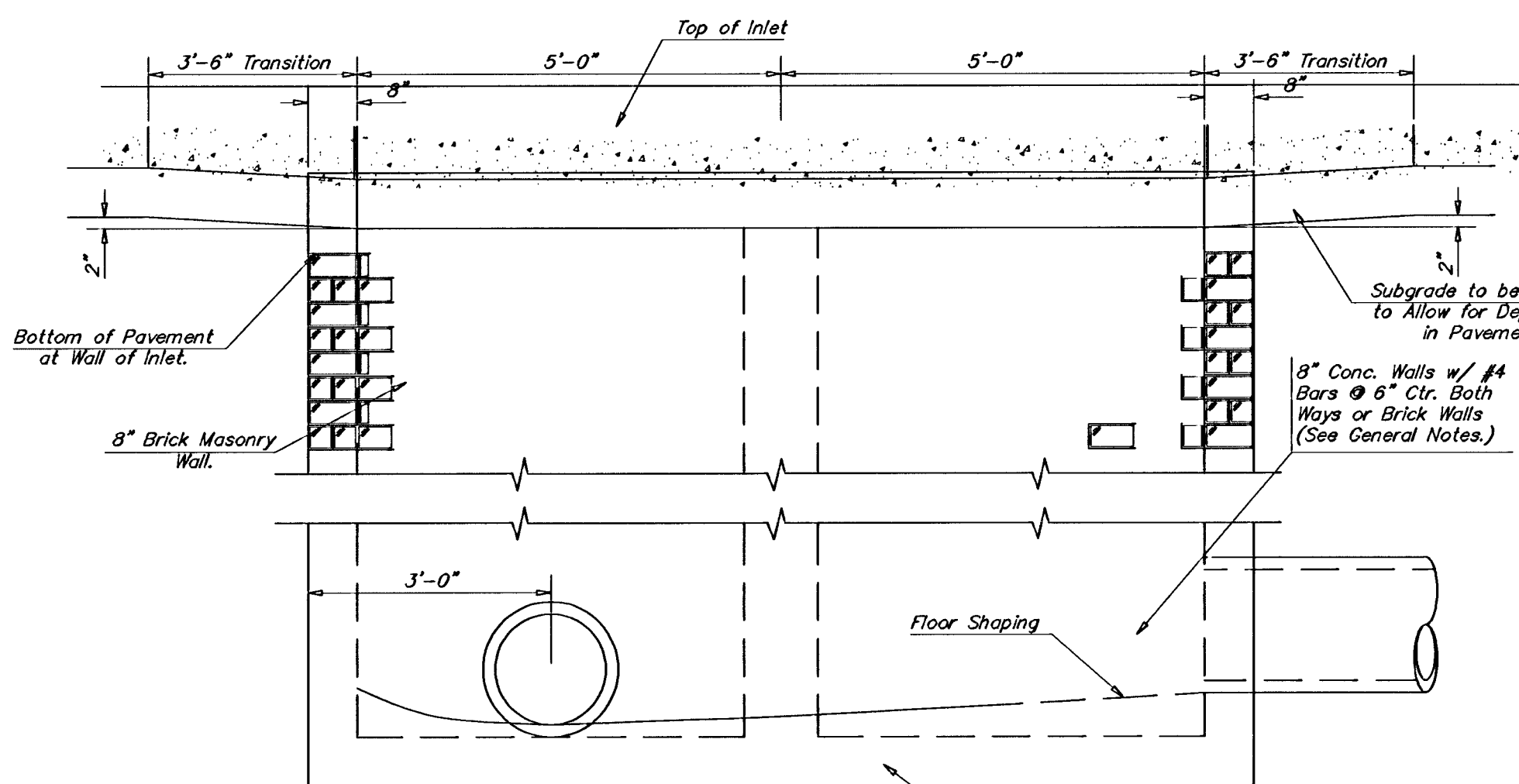




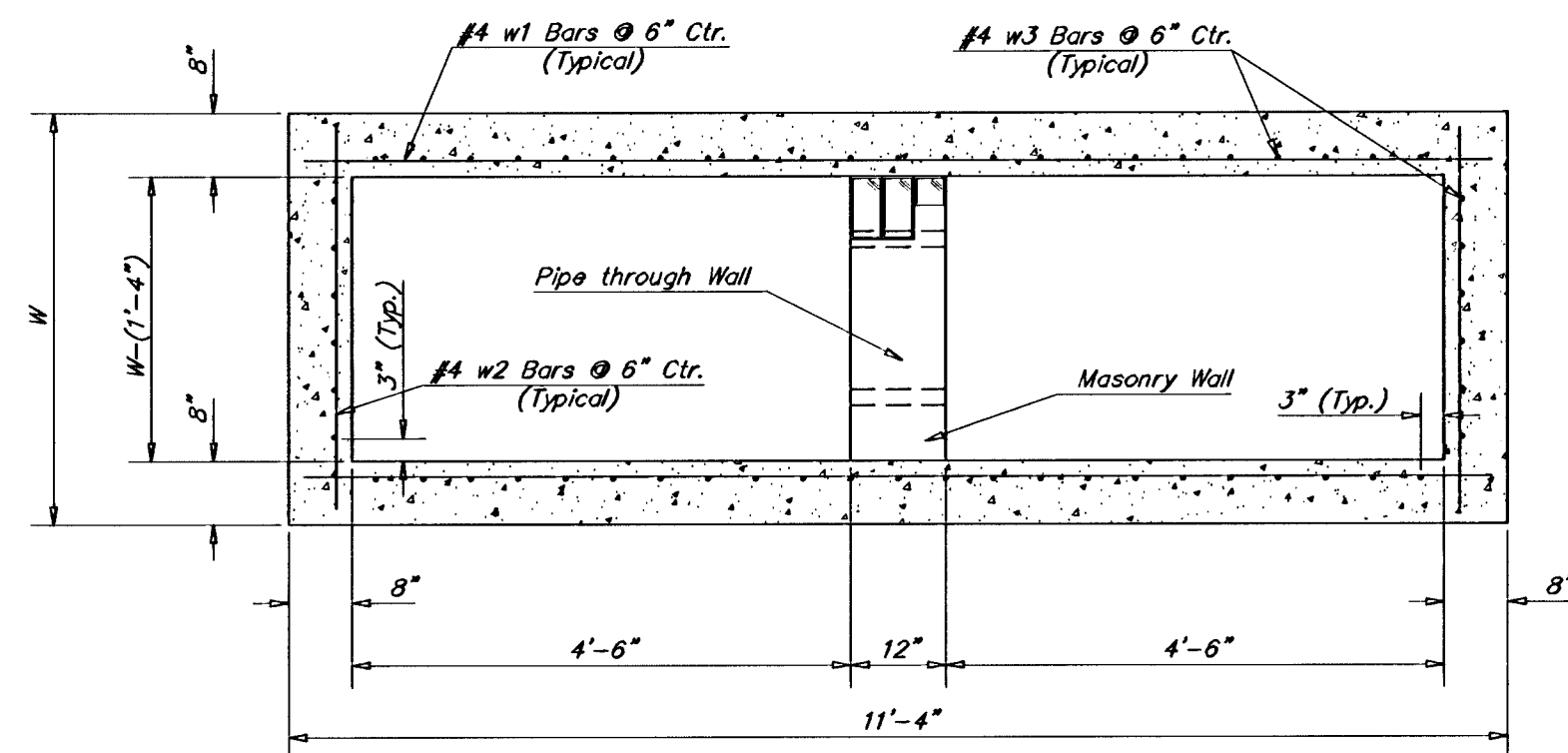
NOTE:
Expansion Joint Only in Curb Area with Concrete Pavement.

PLAN

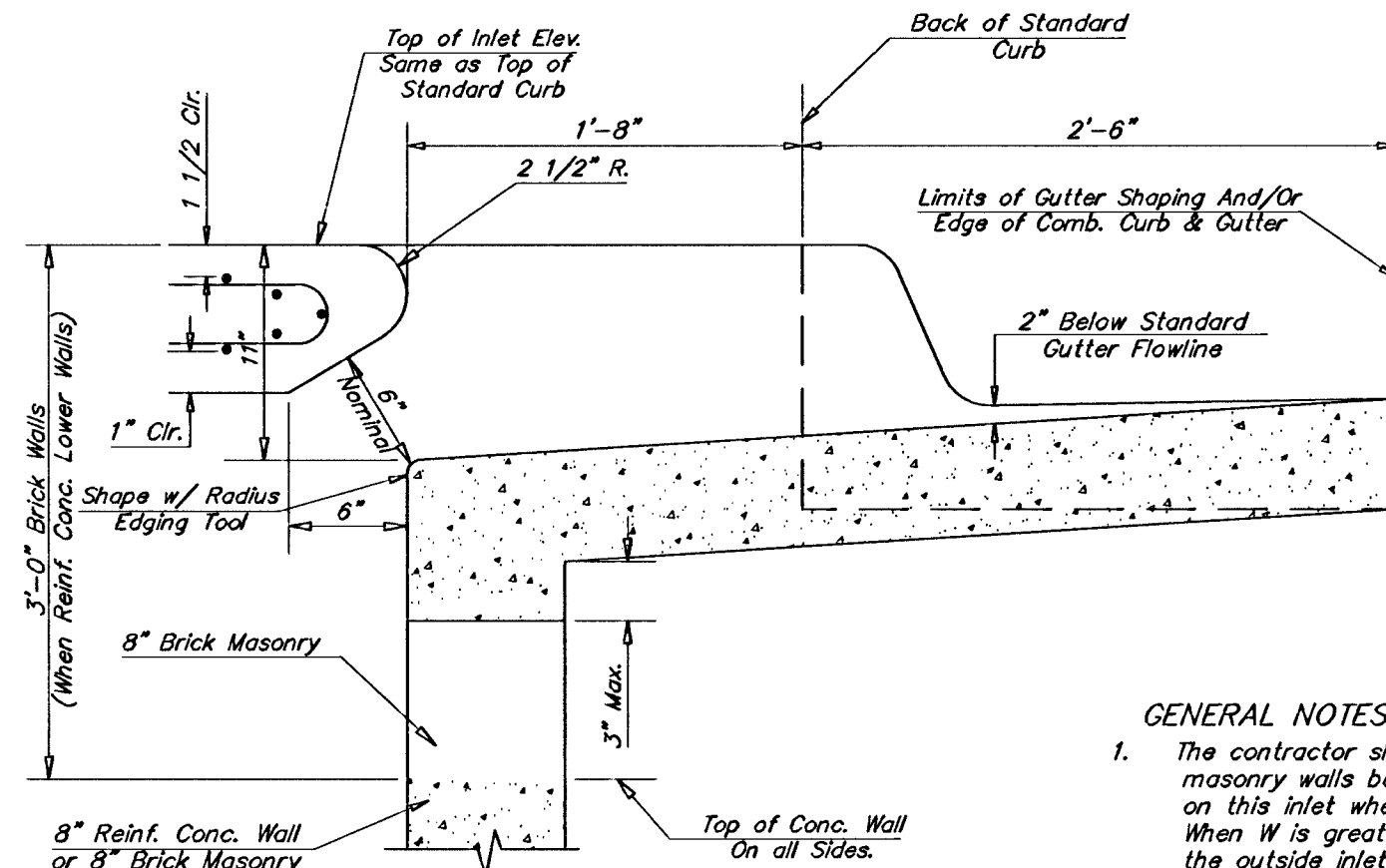
*Left Side Shown Without Slab Reinforcing,
Right Side Shown With Slab Reinforcing



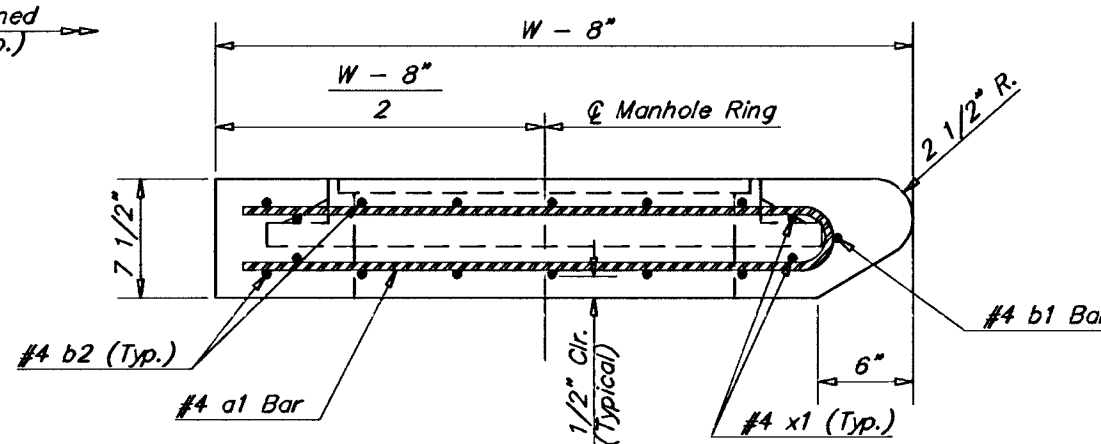
ELEVATION



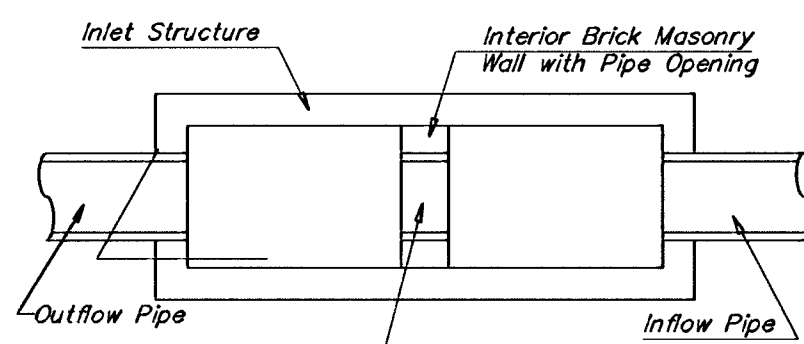
SECTION B-B



SECTION C-C

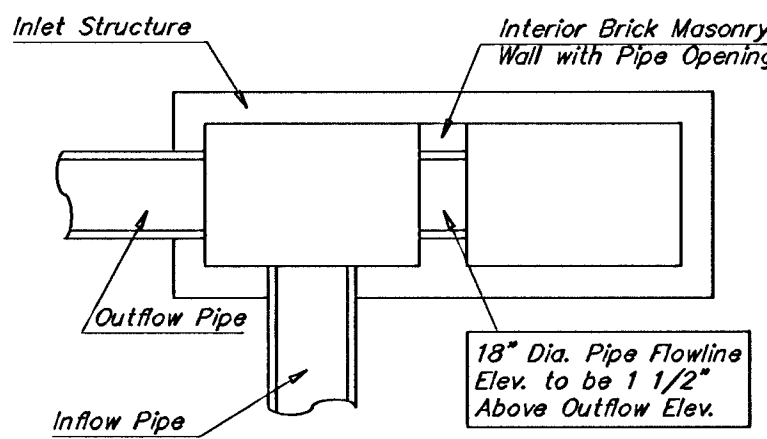


SECTION A-A

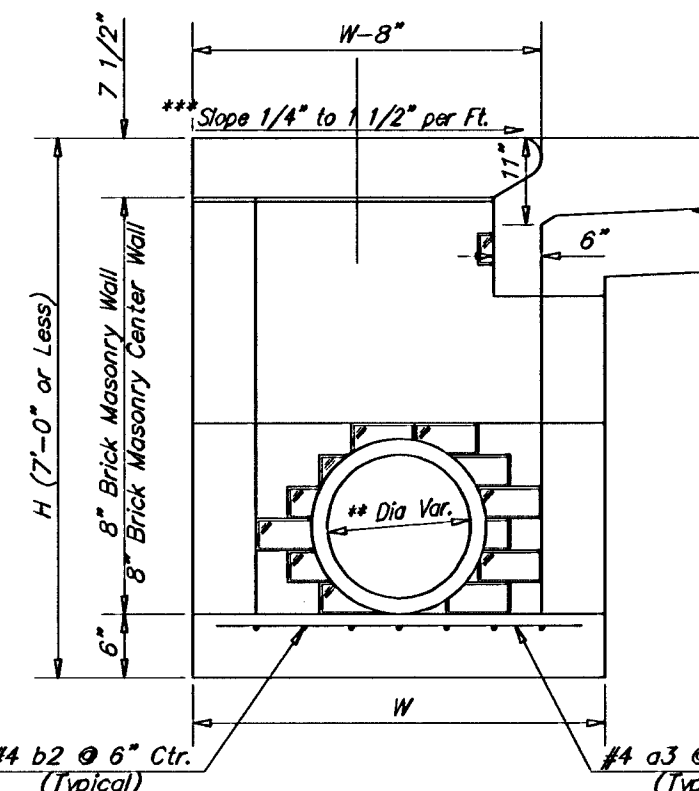


CASE I

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

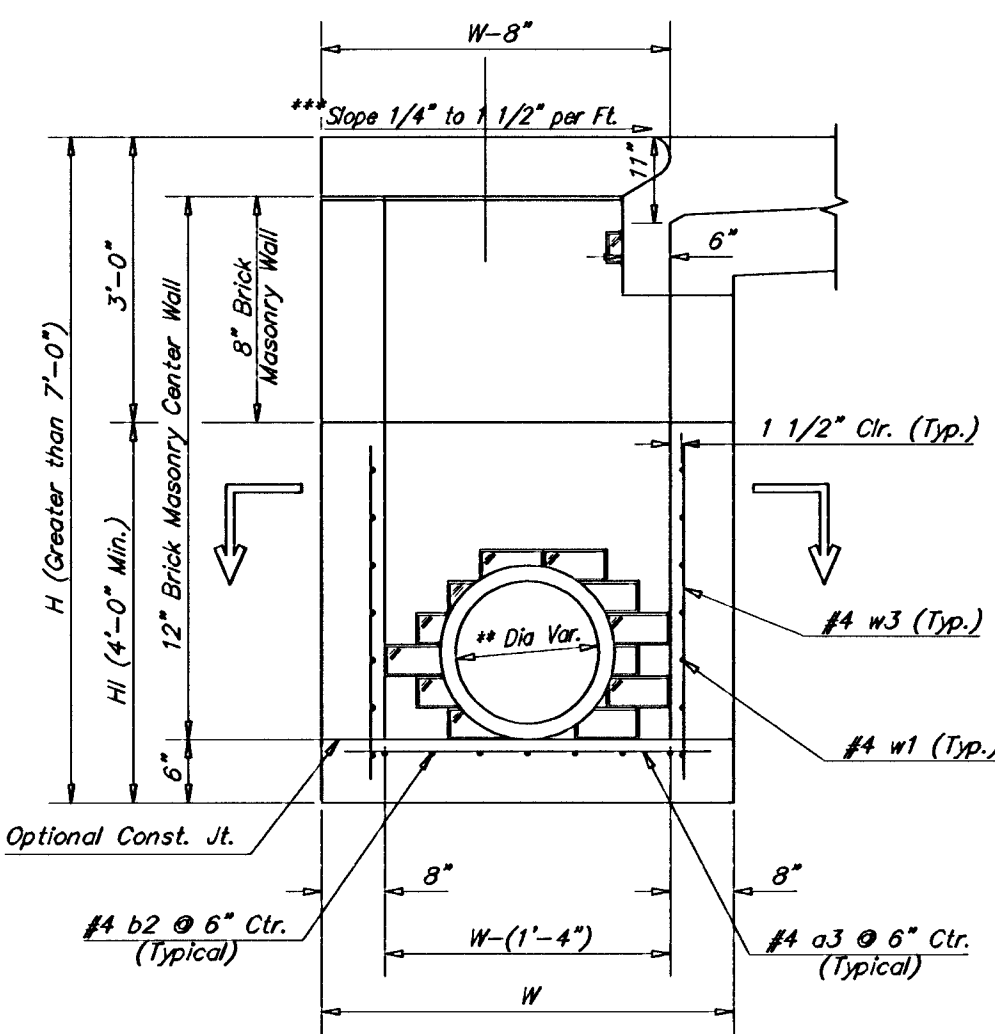


CASE II



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



TYPICAL INLET SECTION AT CENTER WALL (Reinforced Concrete Walls)

CRUSHED ROCK GRADATION REQUIREMENTS

Percent of Aggregate Retained	
1 1/2"	0
3/4"	15-60
#4	40-80
#40	74-92
P-200	4-12

Rock Quality Shall Be The Same As Specified For Coarse Aggregate For Asphalt Concrete Mixes.

(Min. 16 Perforations Per Lin. Ft. ϕ 1/4" Dia.)
Perforations To Be on Bottom Half

4" Dia. PVC Perforated Pipe (SDR-35)

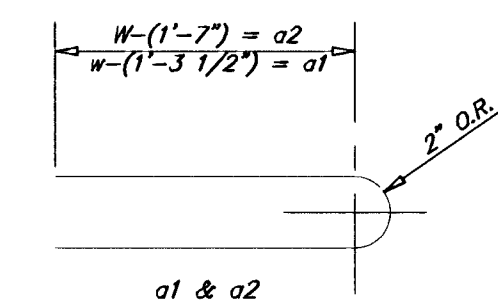
Type 1 & 2 Inlet

PAVEMENT UNDERDRAIN DETAIL

PRECAST SLAB AND FLOOR REINFORCING									
MARK	SIZE	NQ.	LENGTH	NQ.	LENGTH	NQ.	LENGTH	NQ.	LENGTH
a1	#4	13	6'-7"	13	8'-7"	13	10'-7"	13	12'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"
a3	#4	23	4'-1"	23	5'-1"	23	6'-1"	23	7'-1"
b1	#4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
b2	#4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"
x1	#4	16	3'-10"	16	4'-2"	16	4'-6"	16	5'-2"

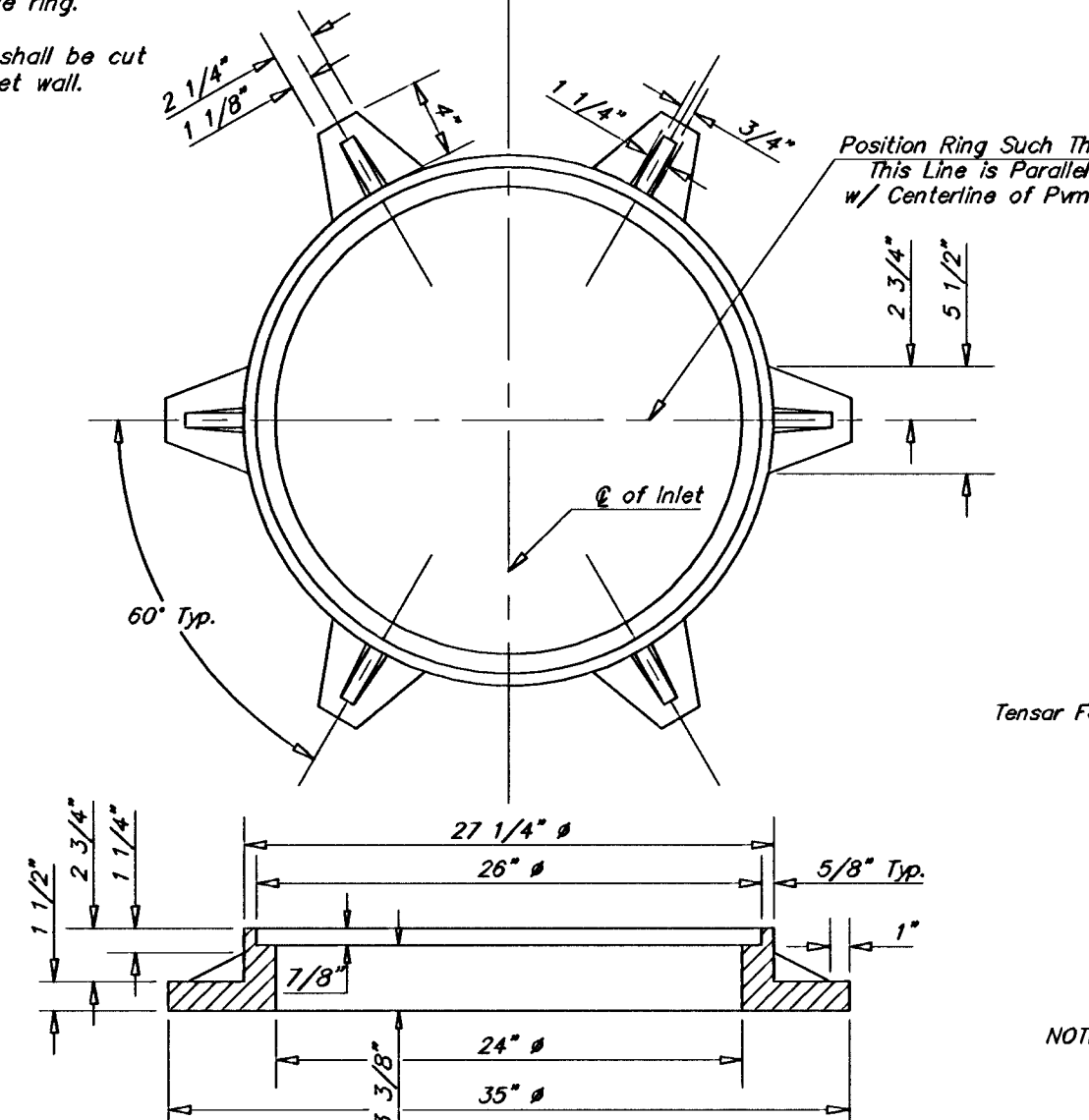
WALL REINFORCING									
MARK	SIZE	NQ.	LENGTH	NQ.	LENGTH	NQ.	LENGTH	NQ.	LENGTH
w1	#4	1	11'-1"	1	11'-1"	1	11'-1"	1	11'-1"
w2	#4	1	4'-1"	1	5'-1"	1	6'-1"	1	7'-1"
w3	#4	52	2	56	2	60	2	64	2

* Field Band or Cut Reinforcing as Required for Clearance.
① 4 (H - 12") (H - 21") Rounded down to nearest 0.5"
② H - 3"



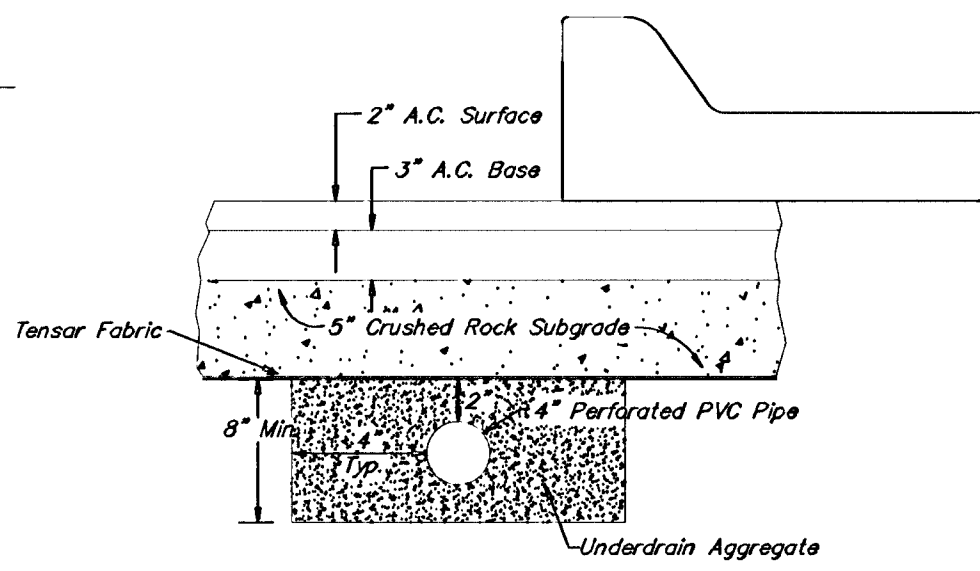
BENDING DIAGRAM

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8"	21" & SMALLER	0.83±
5'-4"	4'-8"	24" & 30"	1.09±
6'-4"	5'-8"	36" & 42"	1.35±
7'-4"	6'-8"	48" & 54"	1.61±
8'-4"	7'-8"	60" & 66"	1.87±

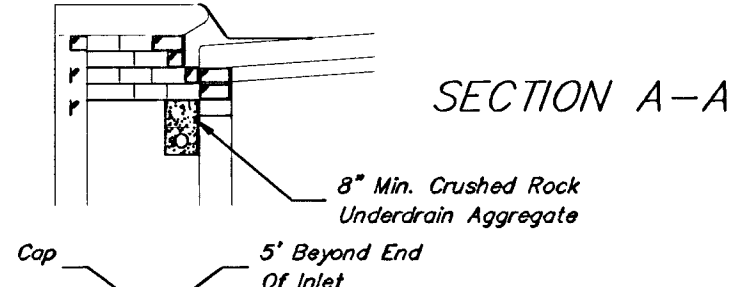


MANHOLE RING AND COVER

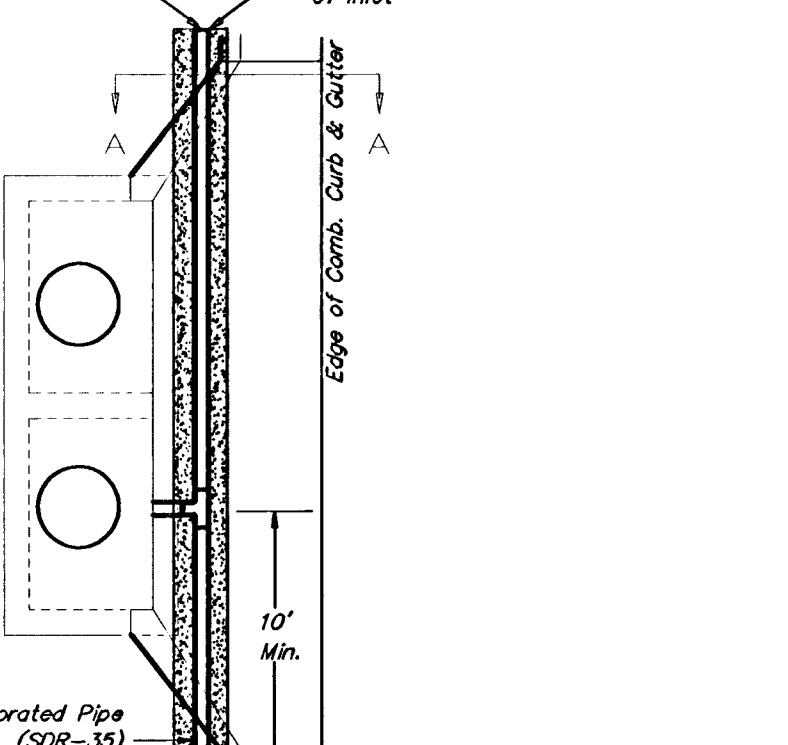
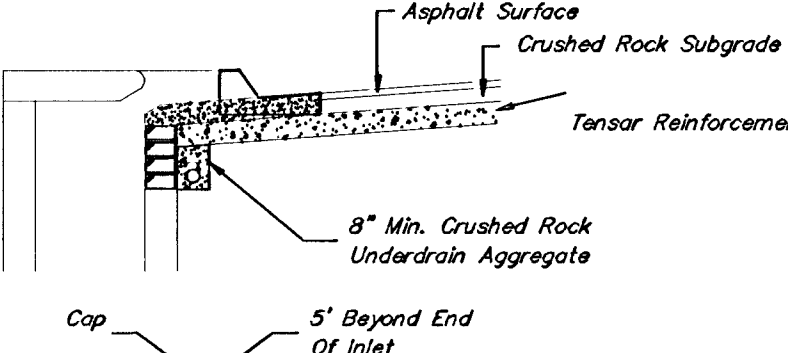
Weight = 180 lbs.
*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



NOTE: Place 4" PVC Perforated Pipe at all drainage sump locations.
Cast of Underdrain System to be incidental to the Reinforced Crushed Rock Subgrade.



SECTION A-A



Type 1-A Inlet

FINAL

Engineer: J. Ubert
Drawn By: B. Kulla
Poe Job No.: 1656B
Date: May 2001

THE LOOKS AT ABERDEEN
STREET IMPROVEMENTS
10'-0" CURB INLET DETAILS
CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, P.E. - CITY ENGINEER
Proj.# 472-83359 O.C.A.# 765681

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E. Central, Suite 200 ■ Wichita, KS 67208-4242
Phone 316/685-4114 ■ FAX 316/685-4444