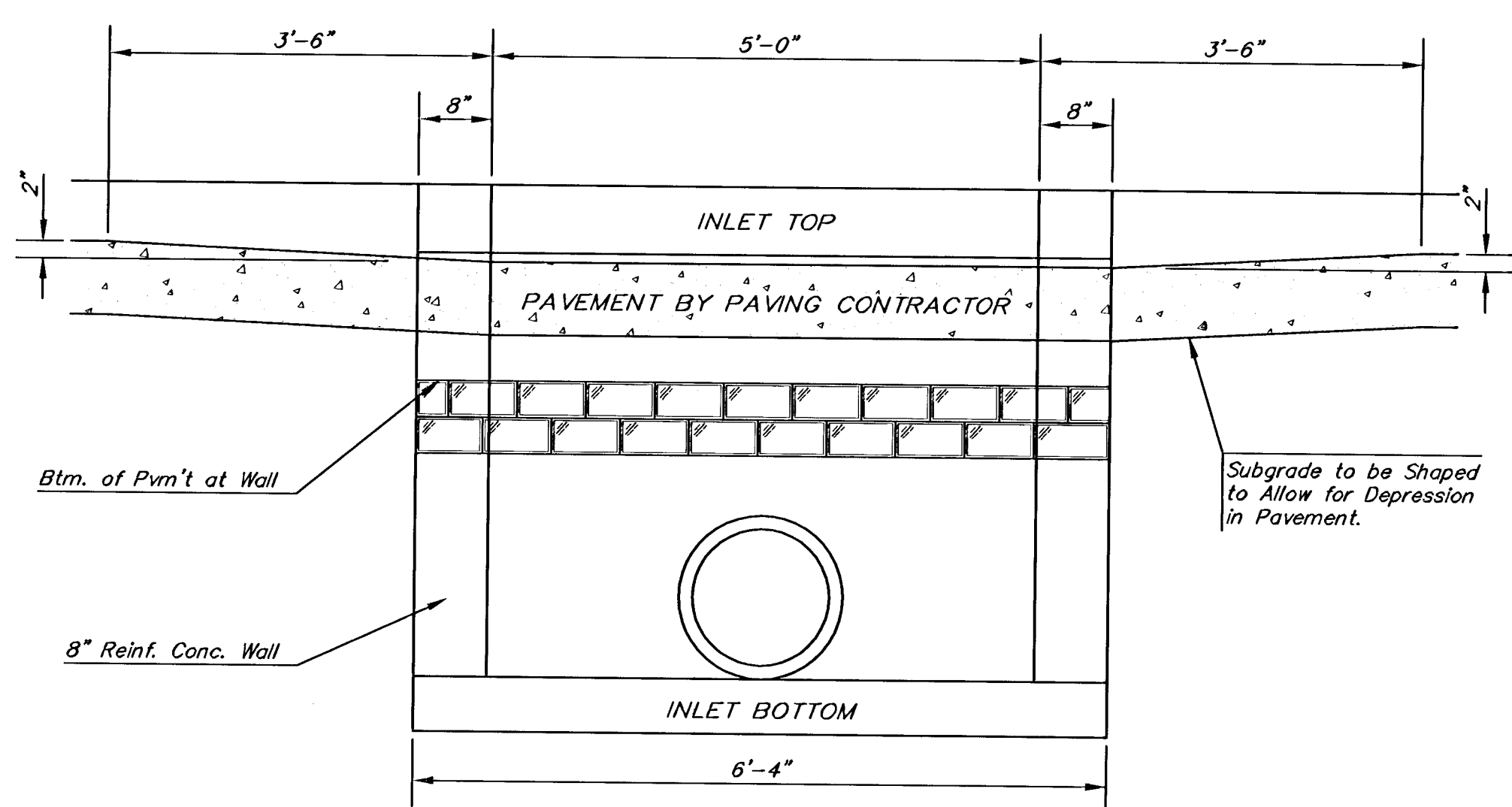
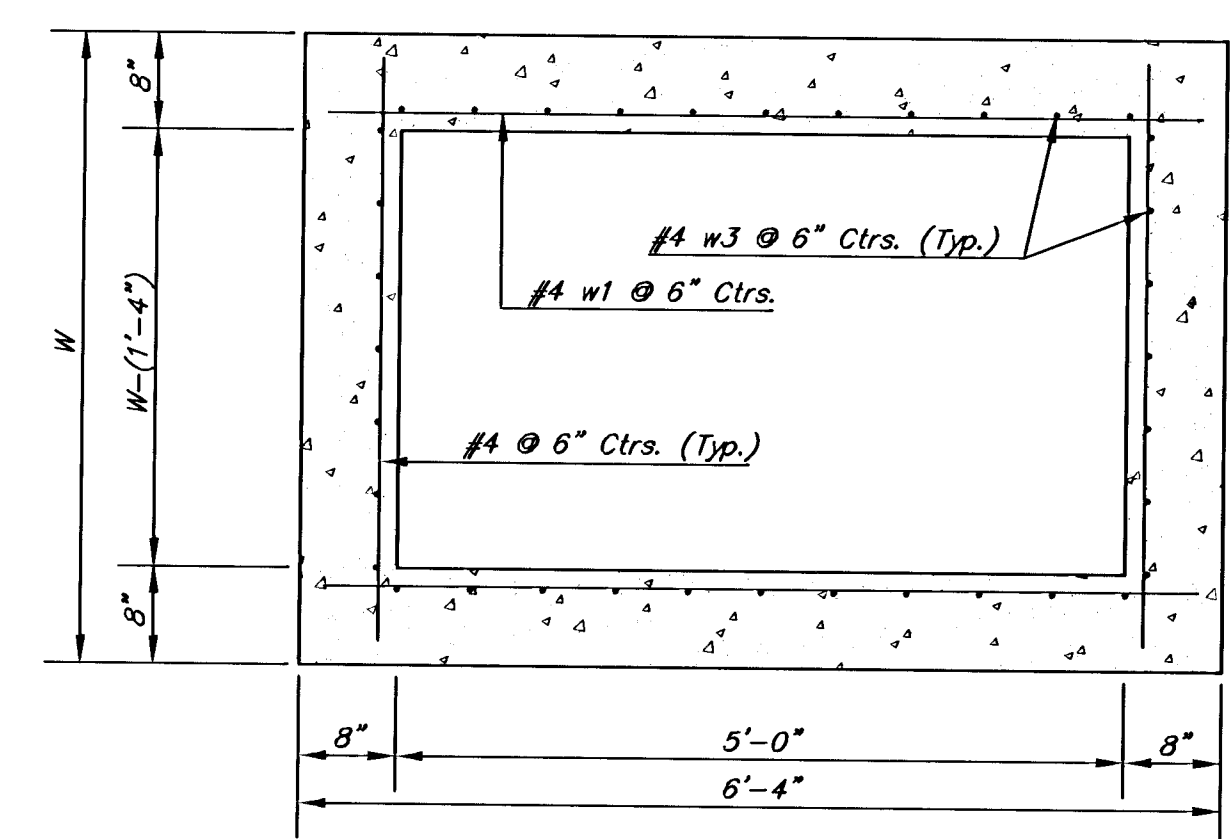


NOTE:  
Expansion Joint Only in Curb Area With Concrete Pavement.

PLAN



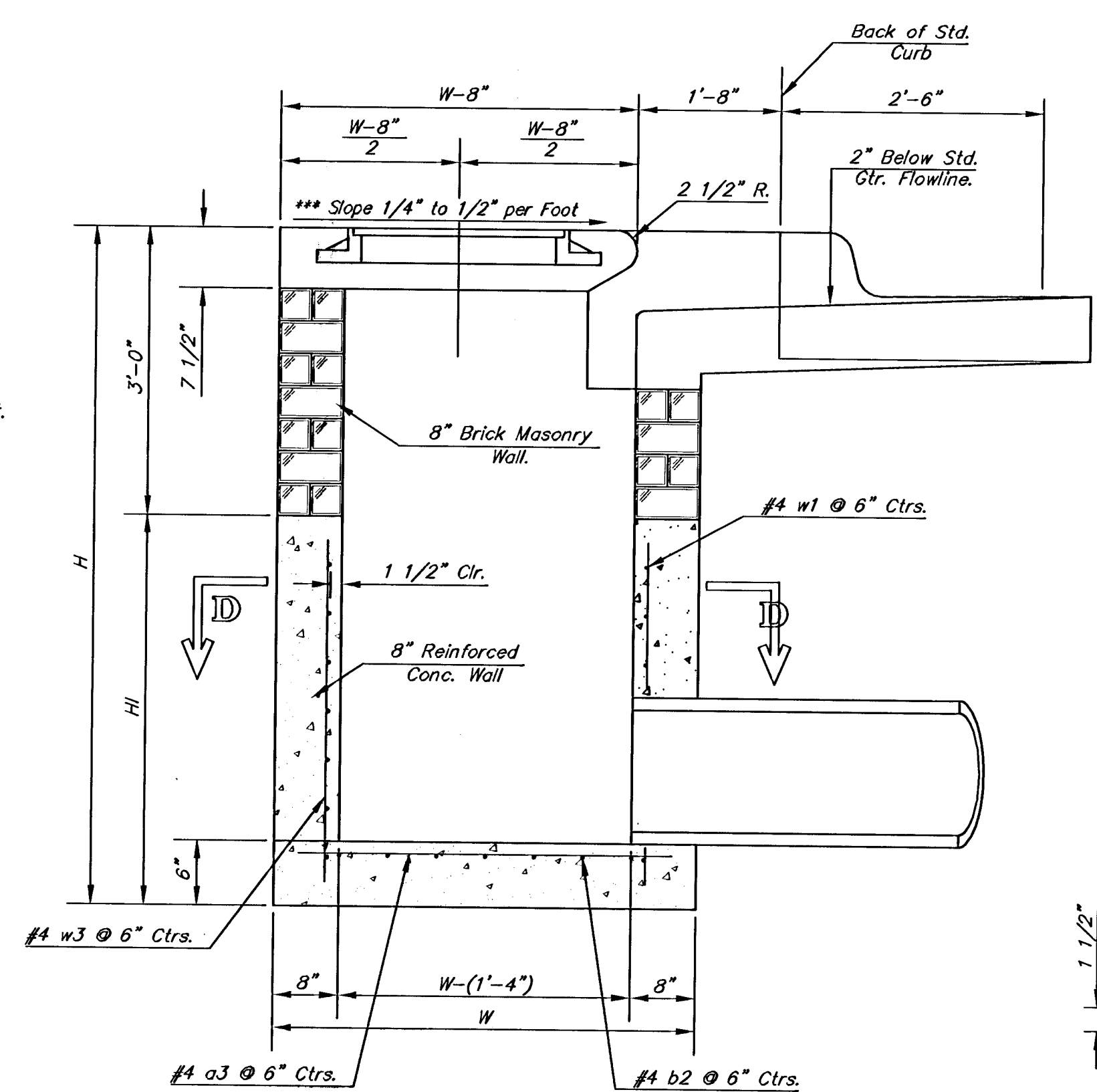
SECTION E-E



SECTION D-D

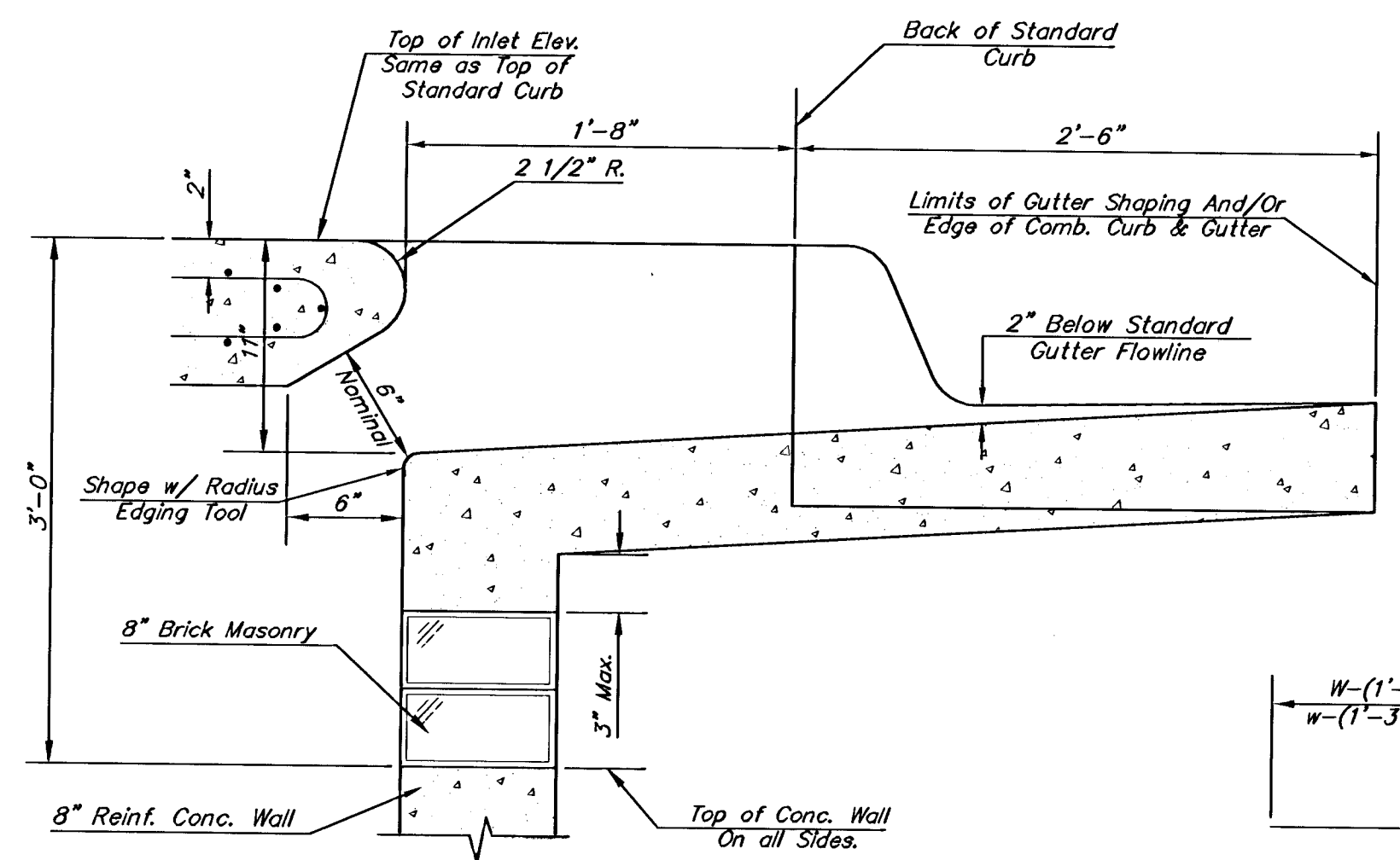
NOTE:  
Inlet Top Reinforcing shall be Spaced on 6\"/>

NOTE:  
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 with air entrainment.

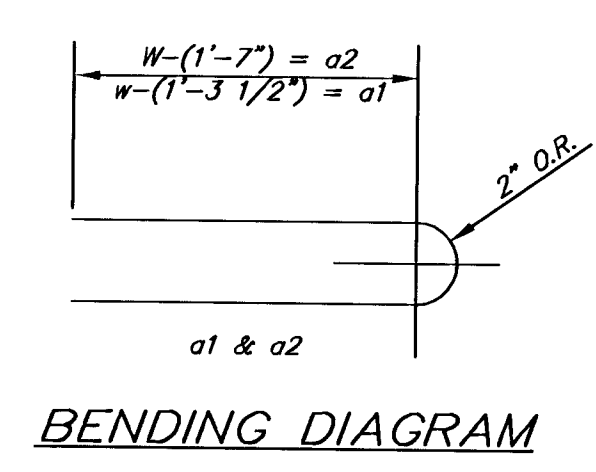


SECTION A-A

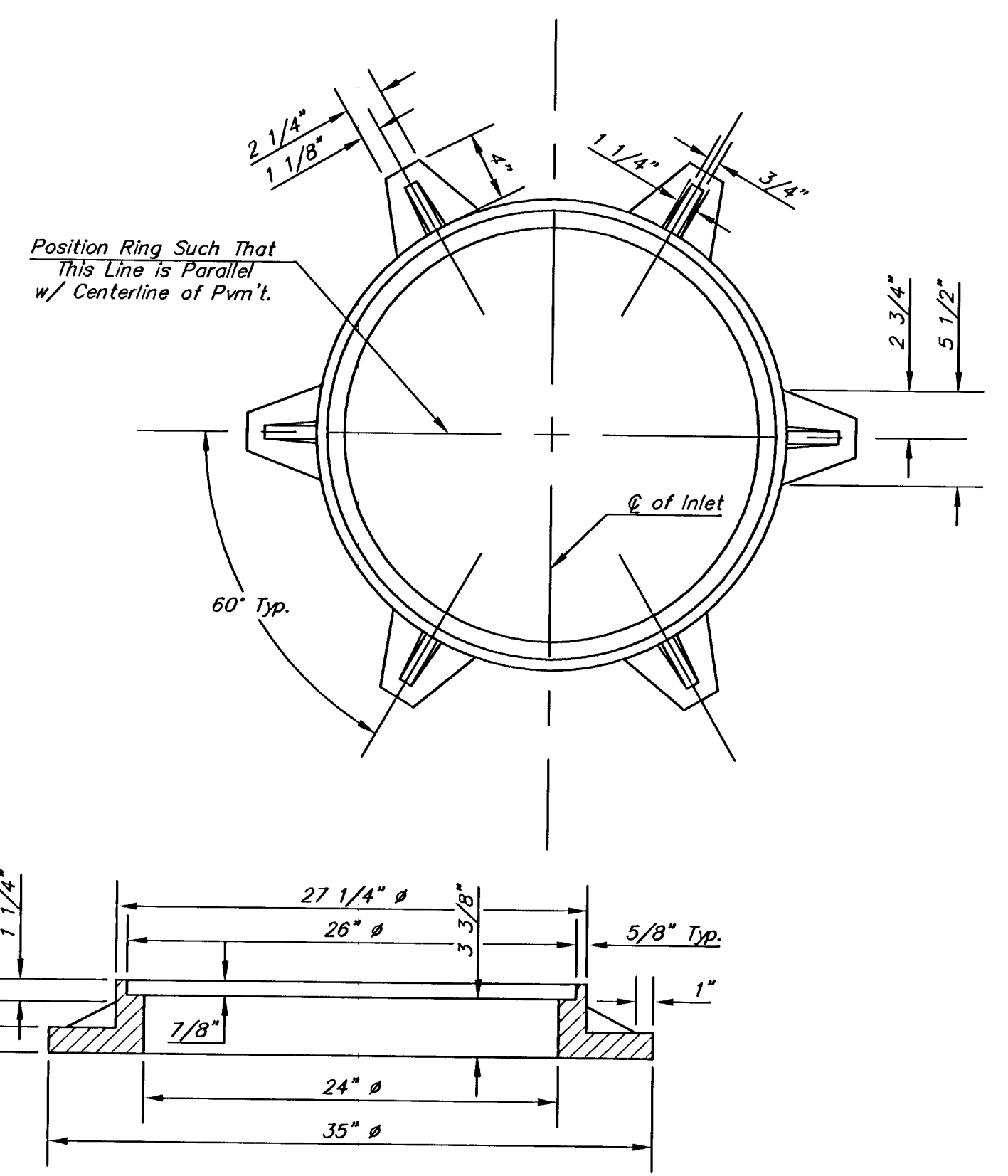
\*\*\*NOTE: Slope of Inlet tops to Match Sidewalk or Parking Slopes within Limits Indicated.



SECTION B-B

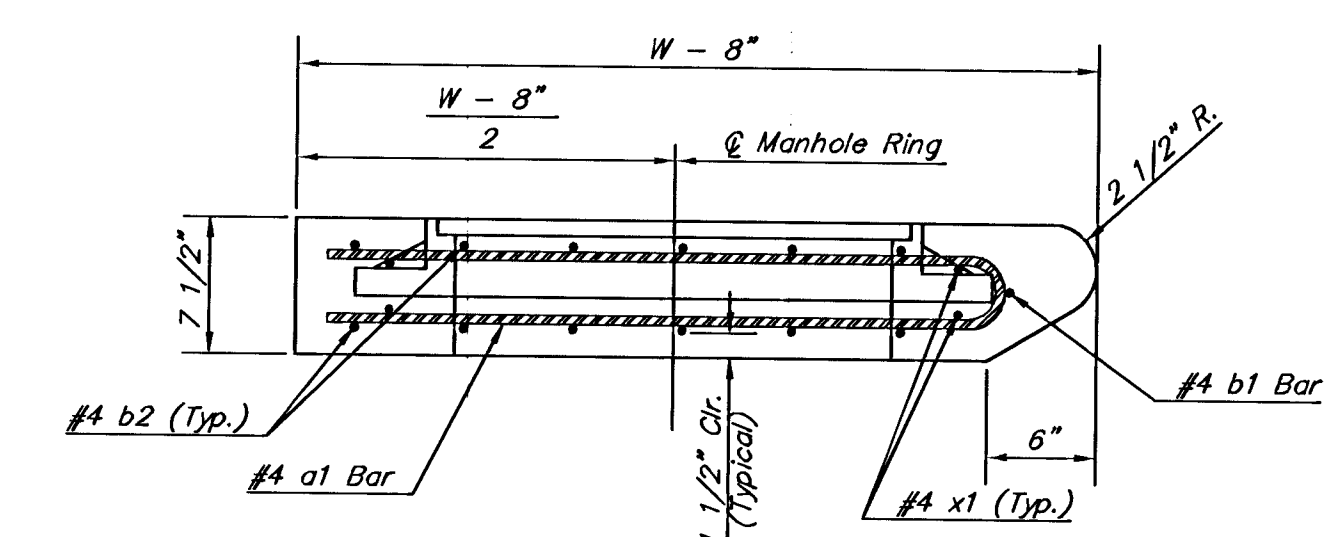


BENDING DIAGRAM



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.



SECTION A-A

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.38t
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.51t
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.64t
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.77t
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.90t

NOTE: Contractor shall have the option of constructing 8" brick masonry walls between the concrete inlet base and top on this inlet when W=6'-4" and H=7'-0" or less.

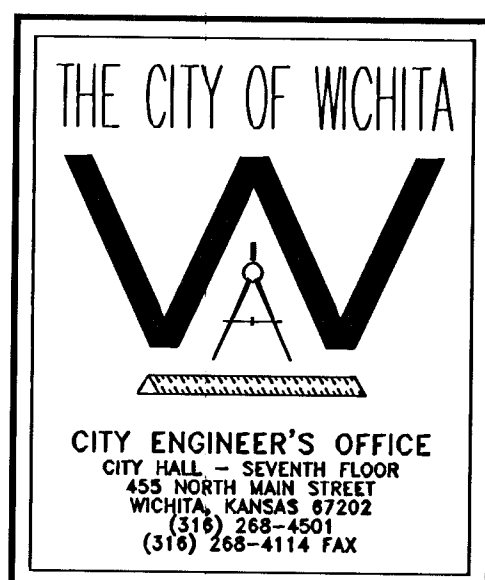
Additional curb and gutter construction necessary to connect set-back inlet to pavement will be paid for at the unit price bid for each inlet hookup.

Inlet invert shall be shaped with 3 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.

The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

PRECAST SLAB AND FLOOR REINFORCING											
MARK	SIZE	W = 4'-4"		W = 5'-4"		W = 6'-4"		W = 7'-4"		W = 8'-4"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	6	6'-7"	6	8'-7"	6	10'-7"	6	12'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"	13	8'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
b2	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"	47	6'-1"
x1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"	8	5'-2"

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



**STANDARD TYPE 1-A  
CURB INLET  
OPENING = 6" x 5'-0"**

JIM ARMOUR, P.E. - CITY ENGINEER

PROJECT NUMBER 468-83998	INDEX CODE 751399
DATE JULY 2005	SHEET NUMBER 2 / 16

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