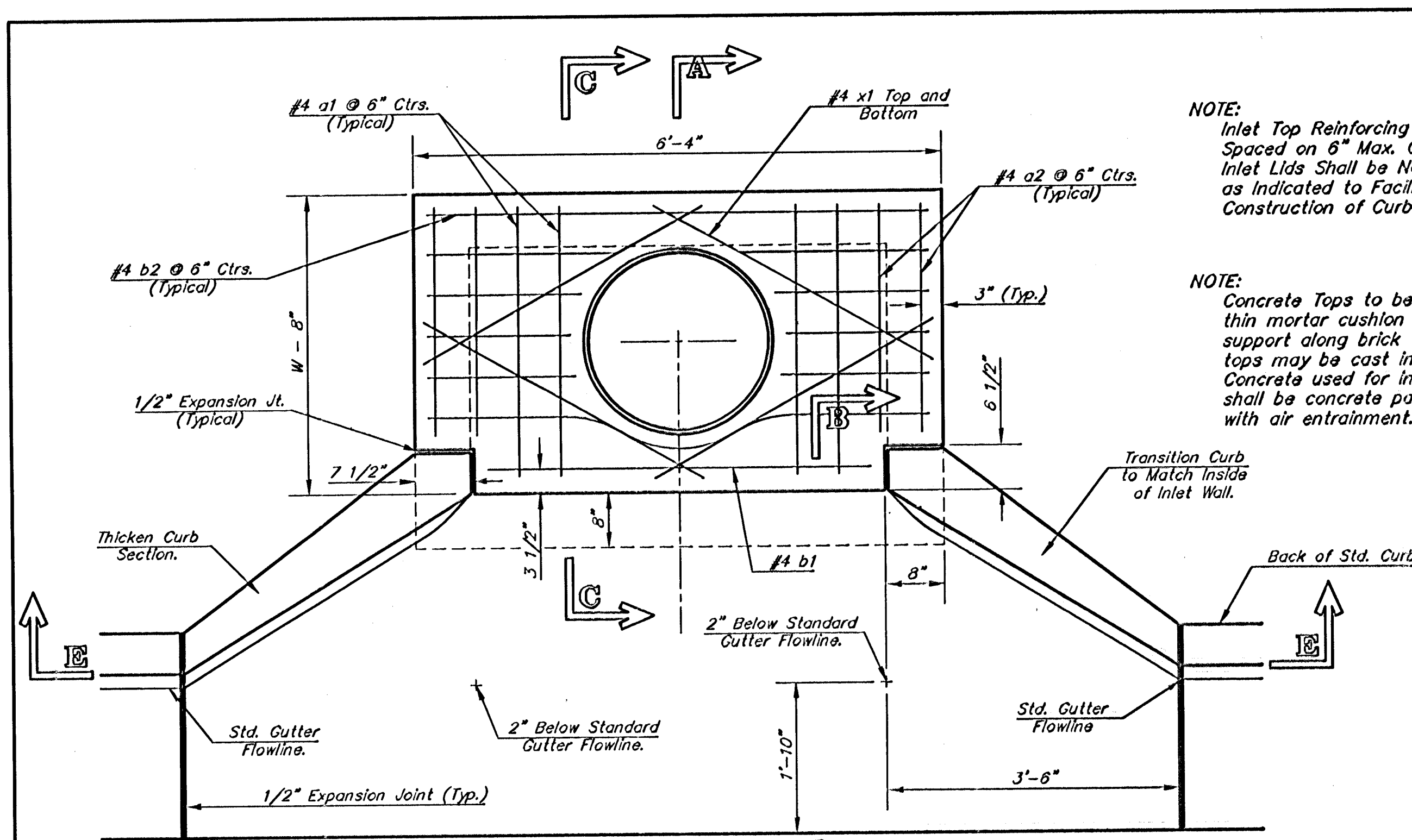


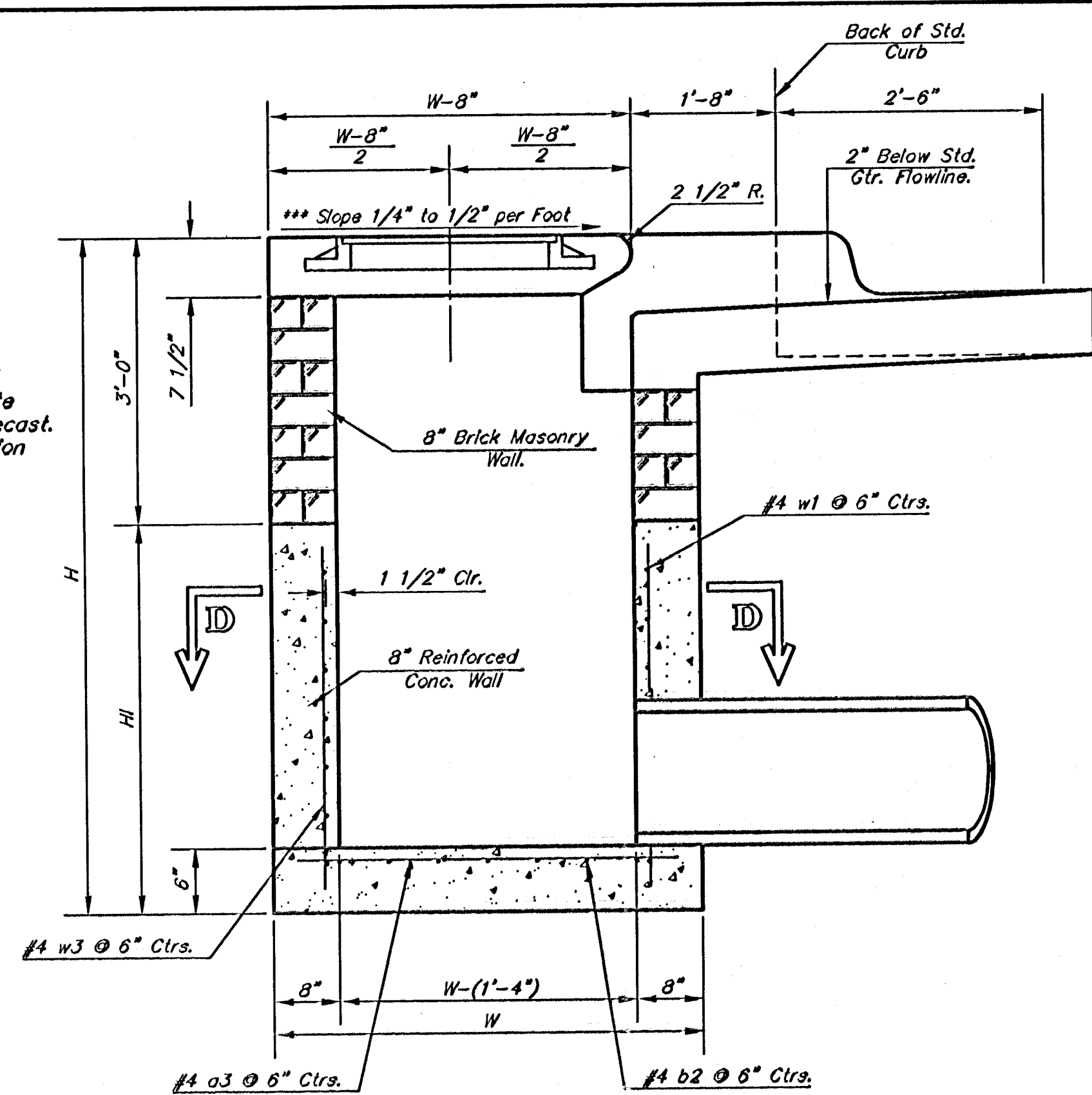


NOTE:
Expansion Joint Only in Curb
Area With Concrete Pavement.

PLAN

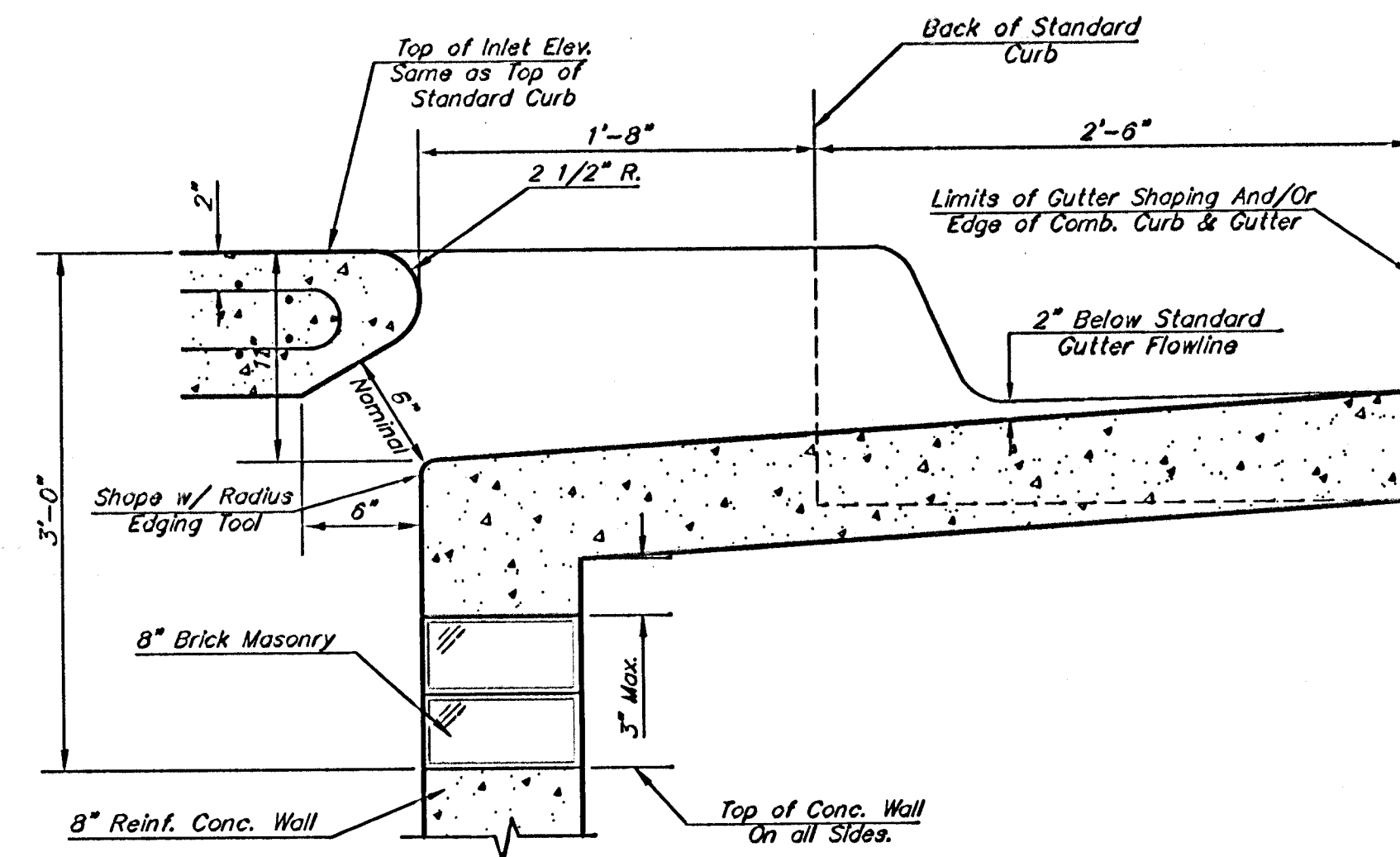
NOTE:
Inlet Top Reinforcing shall be
Spaced on 6" Max. Centers.
Inlet Lids Shall be Notched Out
as Indicated to Facilitate
Construction of Curb.

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.

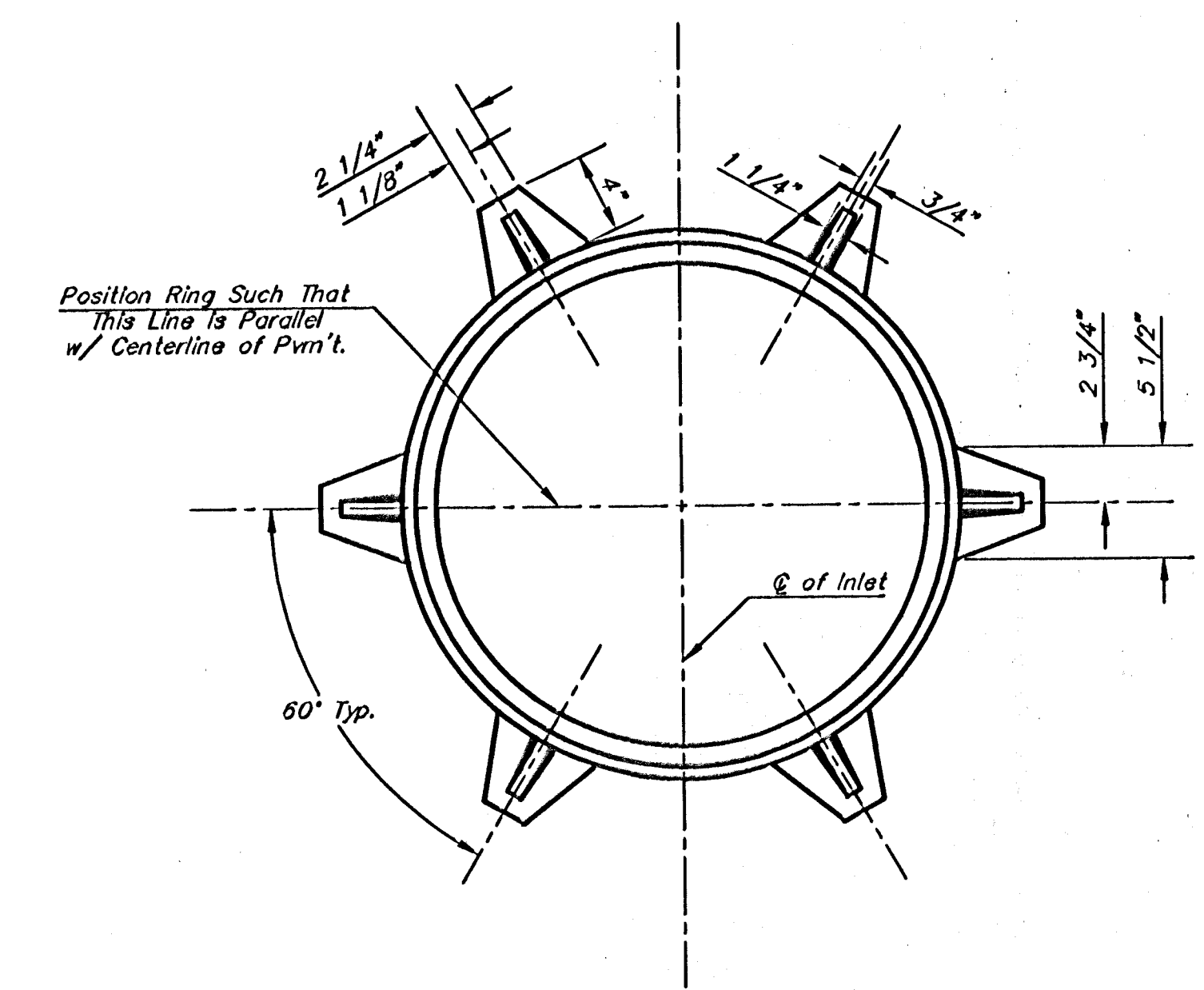


SECTION A-A

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



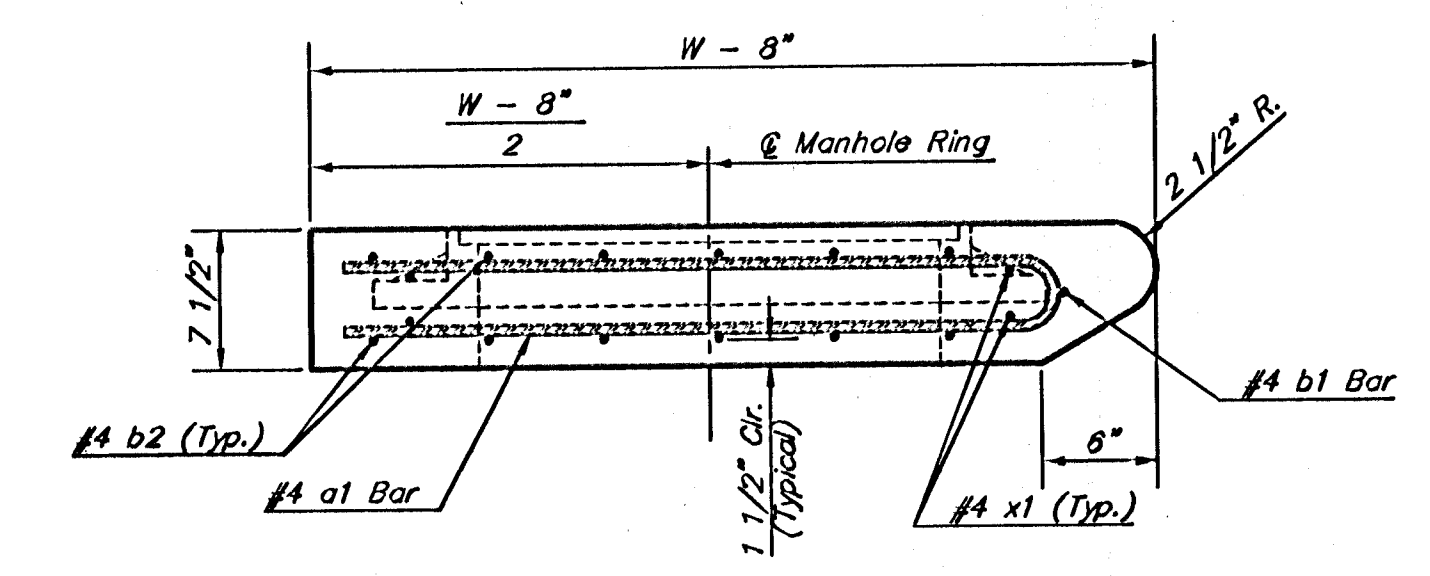
SECTION B-B



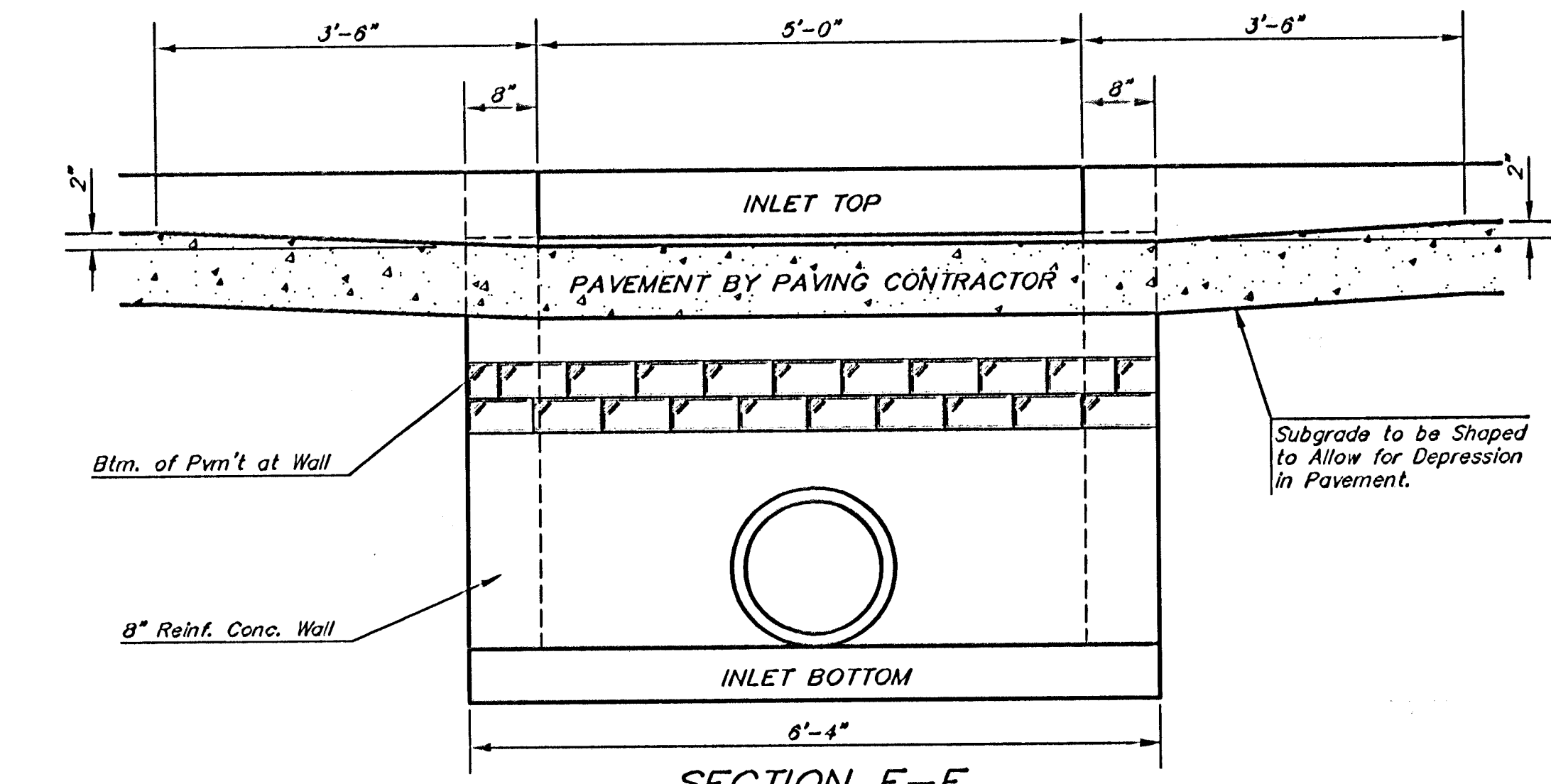
MANHOLE RING AND COVER

Weight = 180 Lbs.

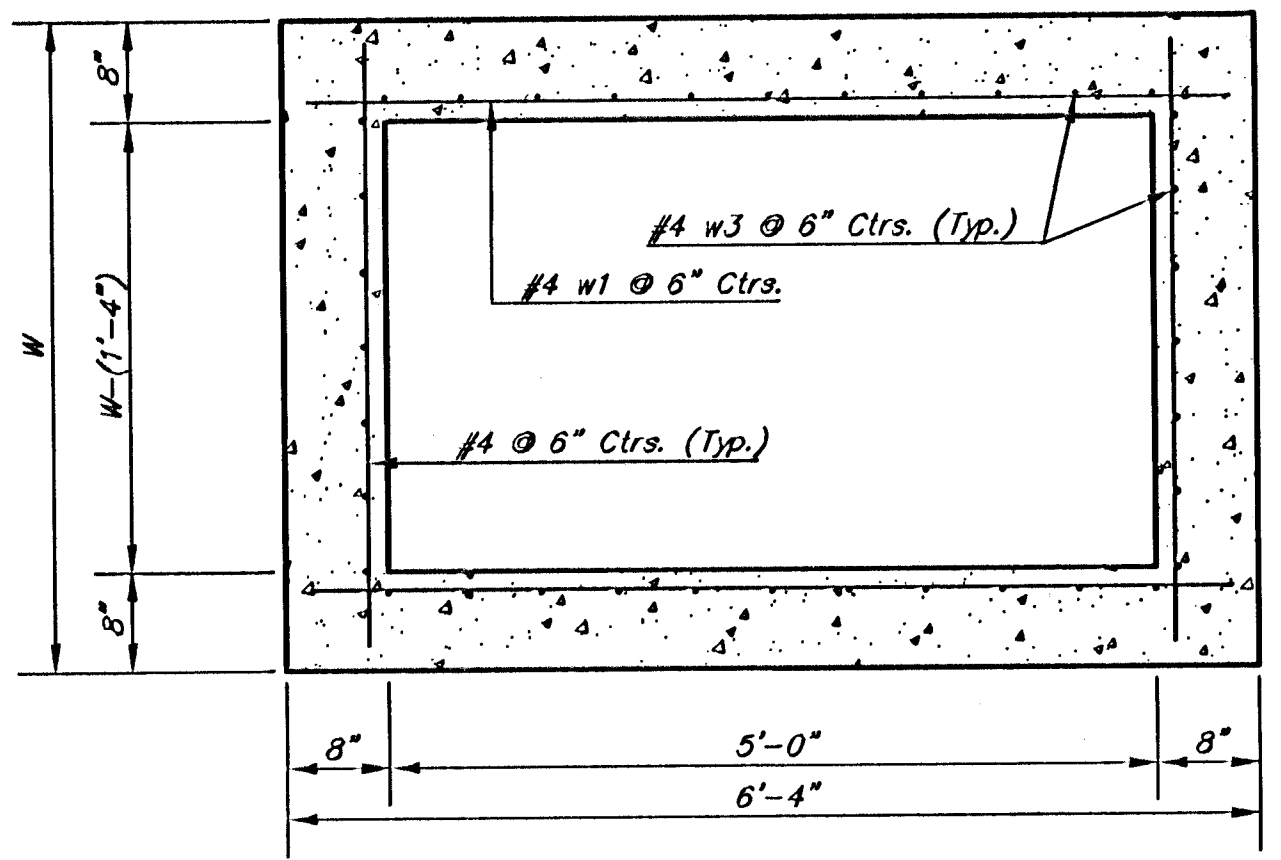
*See City of Wichita Standard Manhole Ring
and Cover Detail Sheet for Cover Details to
Be Used With Inlet Frame.



SECTION C-C



SECTION E-E



SECTION D-D

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.

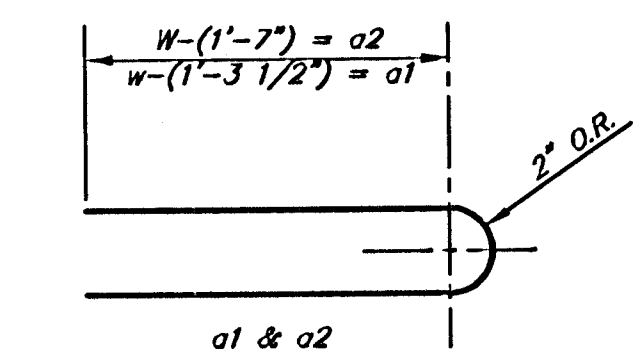
Additional curb and gutter construction necessary to
connect set-back inlet to pavement will be paid for at
the unit price bid for each inlet hookup.

Inlet invert shall be shaped with 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.

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														
W = 4'-4"			W = 5'-4"			W = 6'-4"			W = 7'-4"			W = 8'-4"		
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	
a1	#4	6	6'-2"	6	8'-2"	6	10'-2"	6	12'-2"	6	14'-2"			
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"			
w1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"	8	5'-2"			
WALL REINFORCING														
W = 4'-4"			W = 5'-4"			W = 6'-4"			W = 7'-4"			W = 8'-4"		
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	
w1	#4	①	6'-1"	①	6'-1"	①	6'-1"	①	6'-1"	①	6'-1"	①	6'-1"	
w2	#4	①	4'-1"	①	5'-1"	①	6'-1"	①	7'-1"	①	8'-1"	①	8'-1"	
w3	#4	32	②	36	②	40	②	44	②	48	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"



BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CUL. YD. CONC.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.30±
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.90±

Baughman

City of Wichita Standard Type 1A
Curb Inlet Details
Inlet Opening = 6' X 50"

Baughman Company, P.A. 315 Elm St., Wichita, KS 67211 P:316.263.2711 F:316.263.2714
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER
472-84056

DESIGN
C.O.W.

DRAWN
Staff

REVISIONS
Revised Feb. 16, 1989

APPROVED
DATE

SCALE
None

SHEET
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