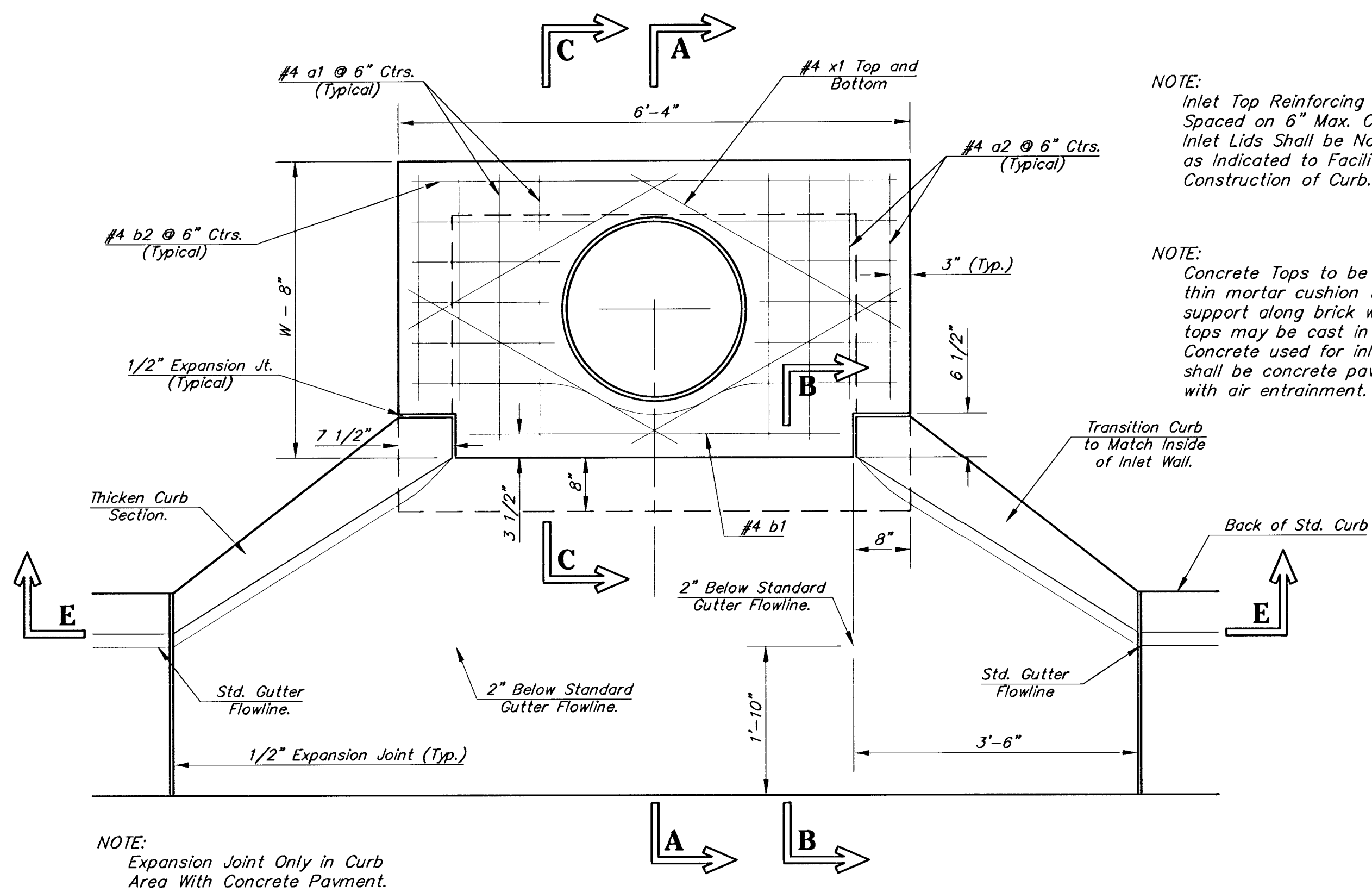
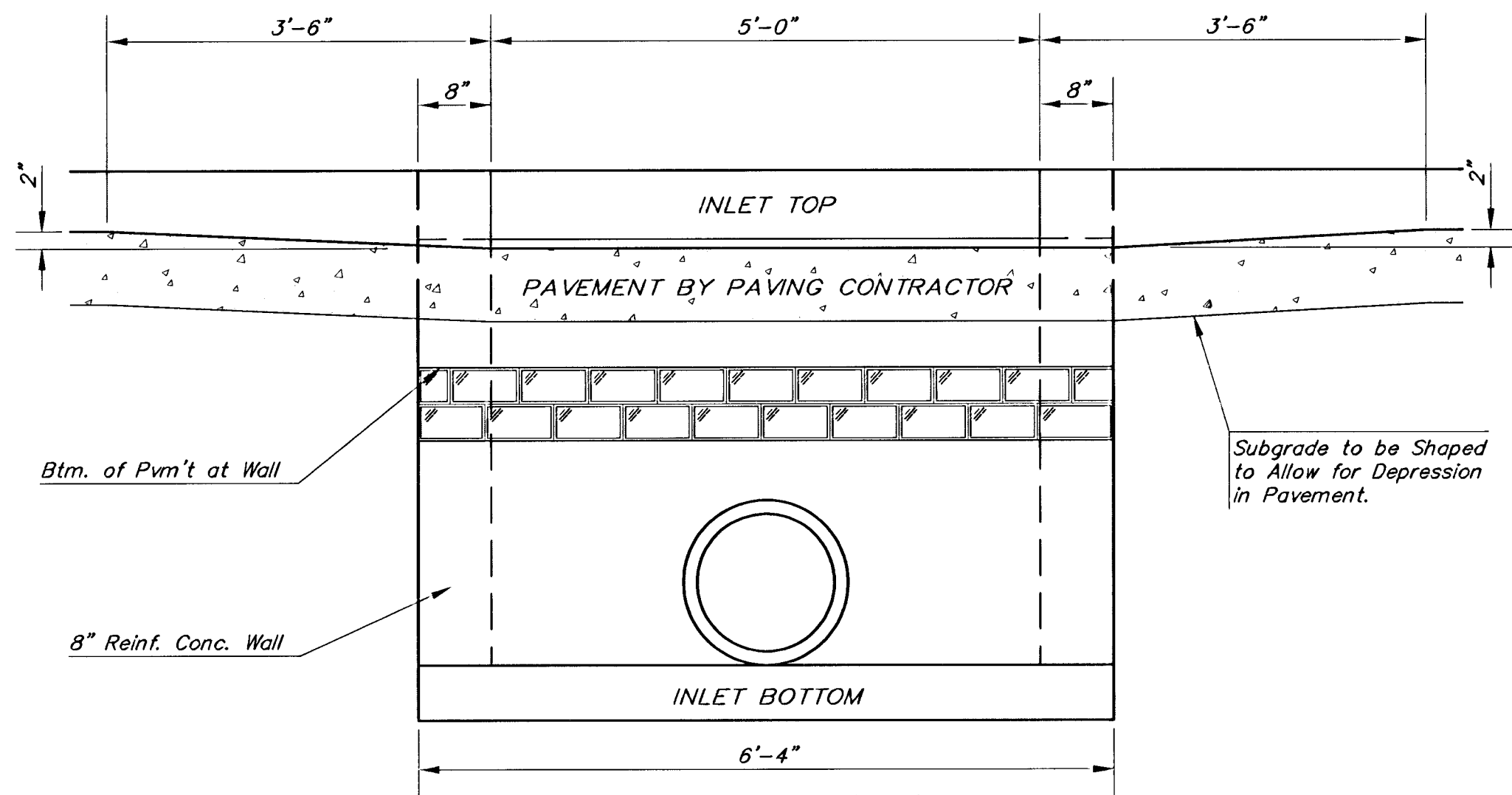
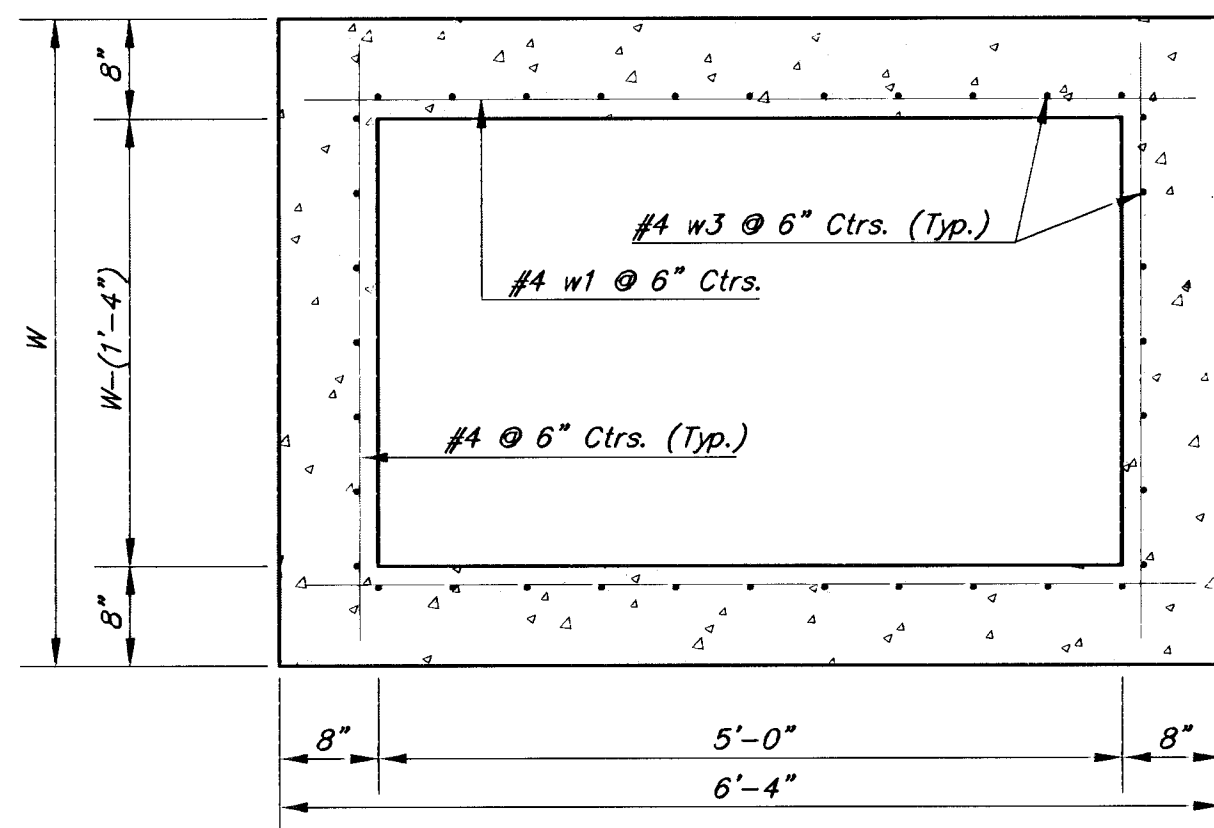




PLAN



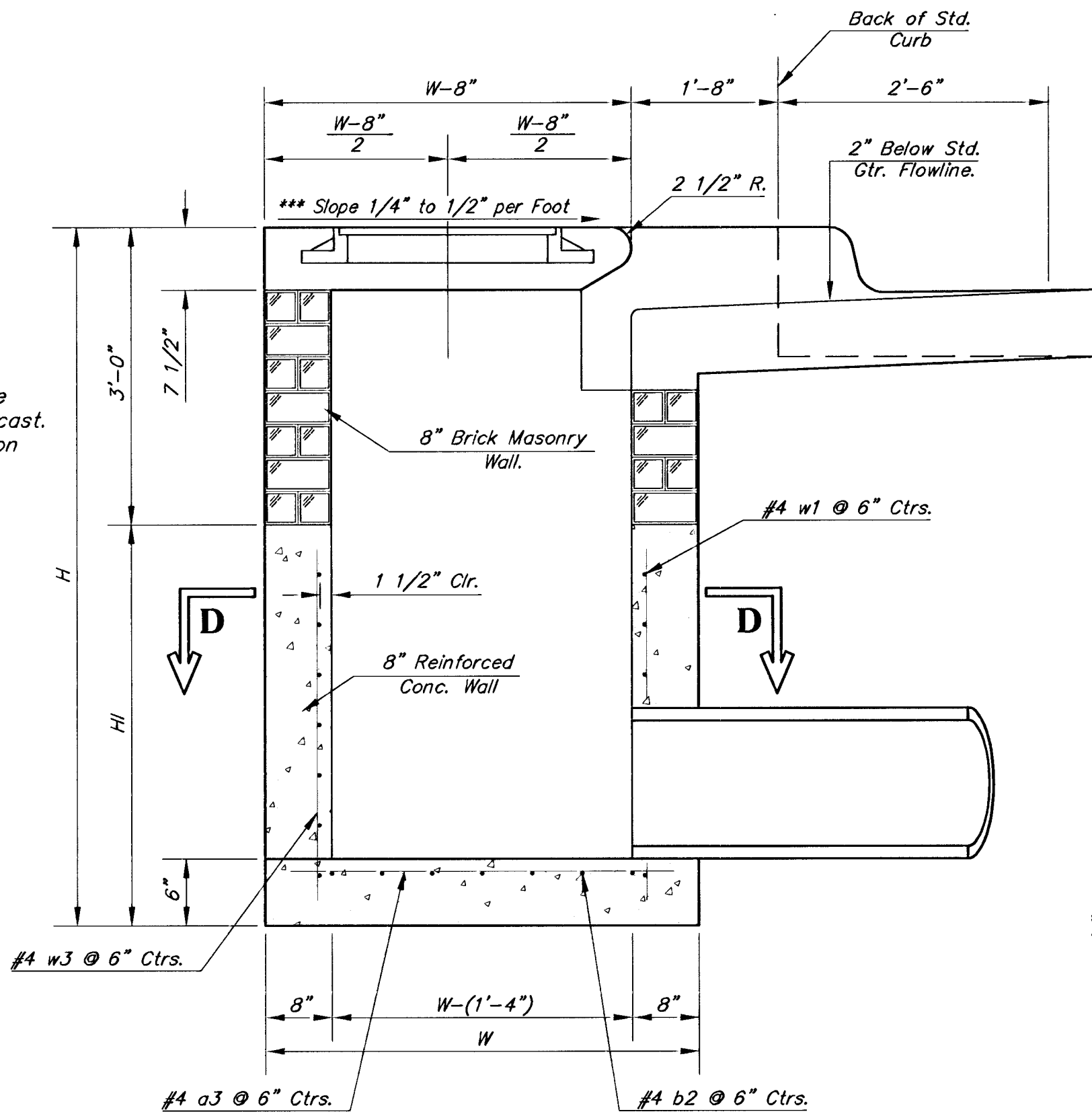
SECTION E-E



SECTION D-D

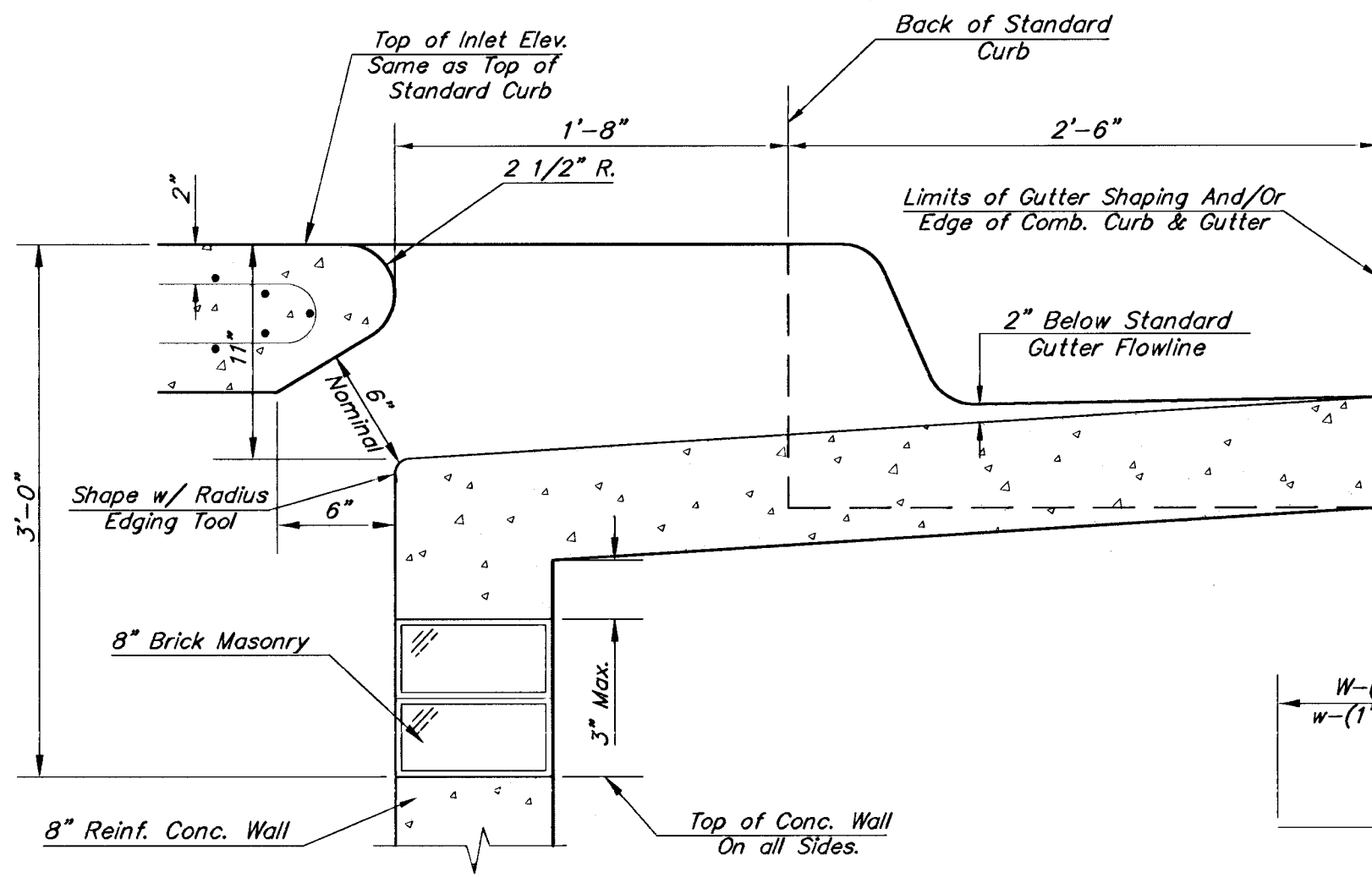
NOTE: Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids Shall be Notched Out as Indicated to Facilitate Construction of Curb.

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.

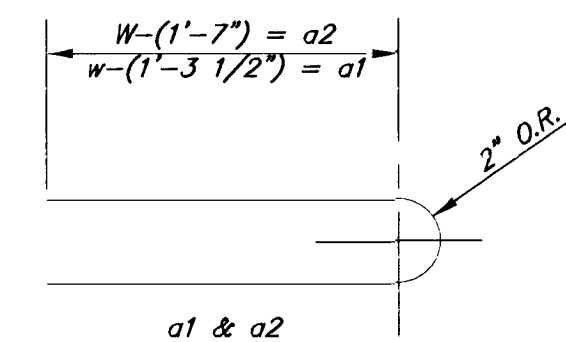


SECTION A-A

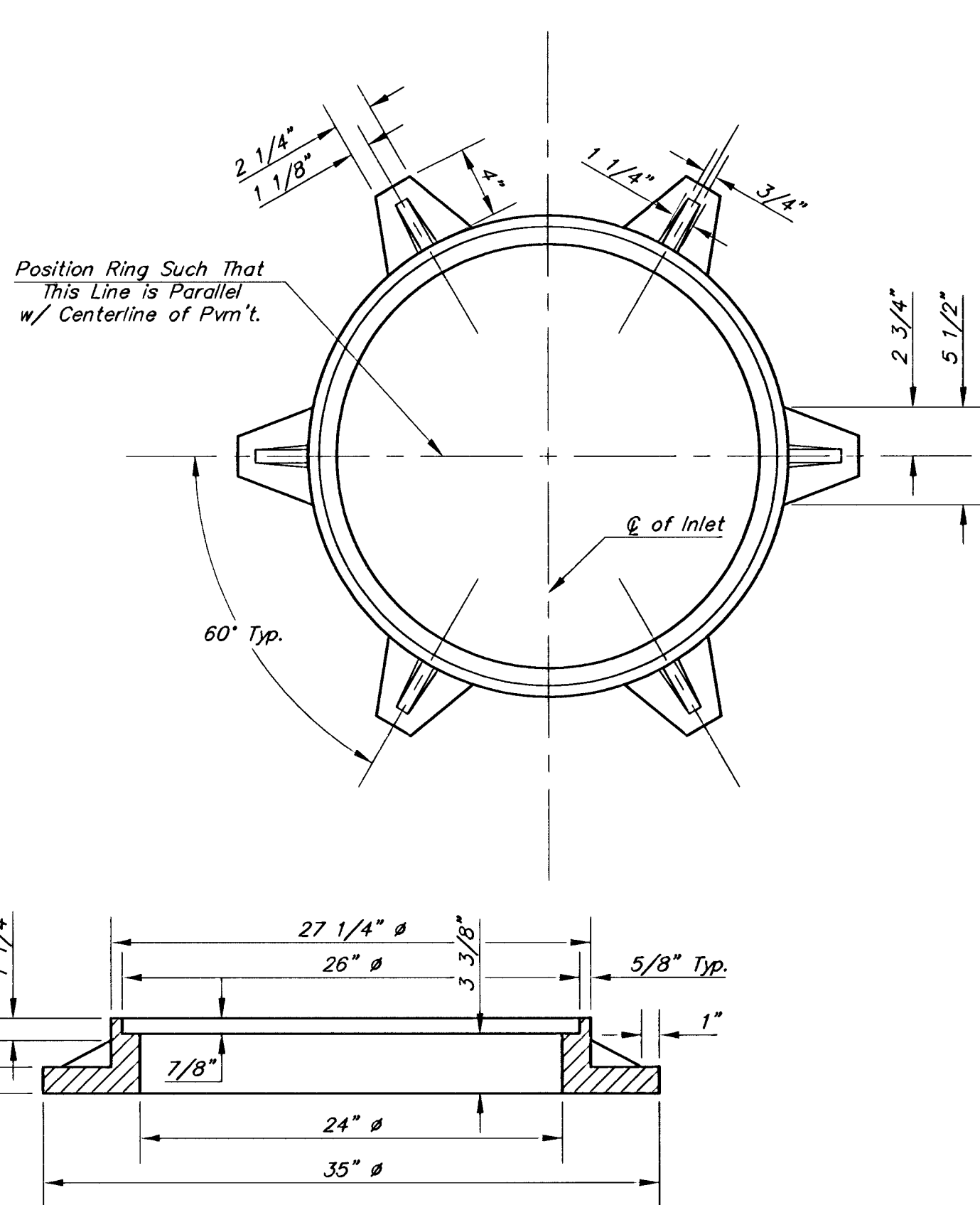
***NOTE: Slope of Inlet tops to Match Sidewalk or Parking Slopes within Limits Indicated.



SECTION B-B



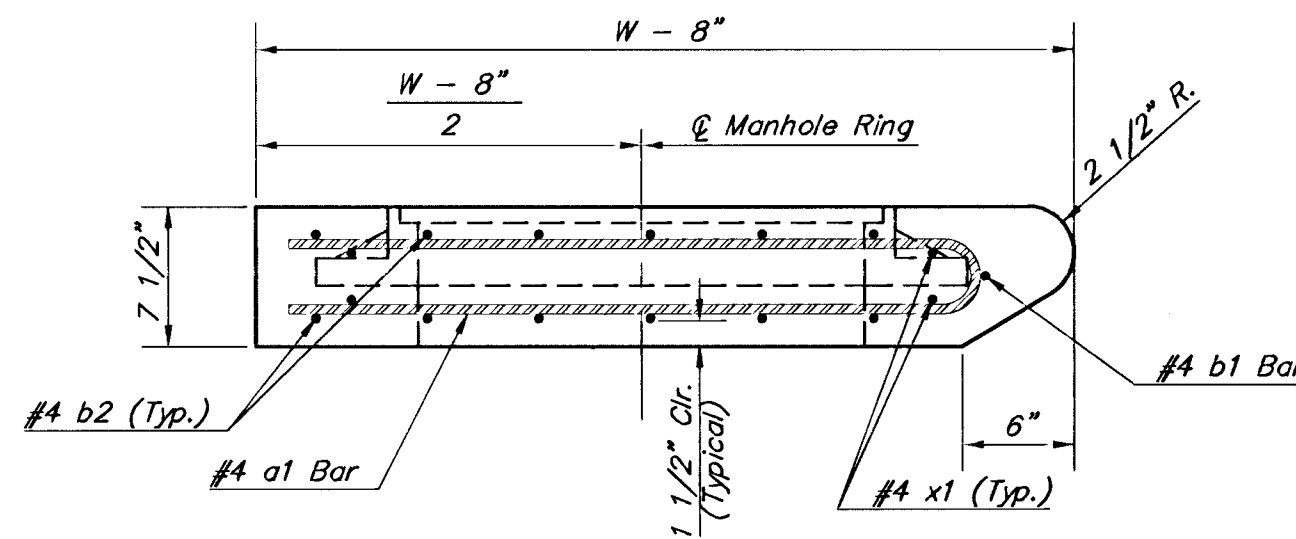
BENDING DIAGRAM



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	0.38±	
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±	

PRECAST SLAB AND FLOOR REINFORCING											
W = 4'-4"			W = 5'-4"			W = 6'-4"			W = 7'-4"		
MARK	SIZE	NO.	MARK	SIZE	NO.	MARK	SIZE	NO.	MARK	SIZE	NO.
a1	#4	6	a2	#4	4	a3	#4	13	a4	#4	13
b1	#4	1	b2	#4	23	x1	#4	8	x2	#4	8
WALL REINFORCING											
W = 4'-4"			W = 5'-4"			W = 6'-4"			W = 7'-4"		
MARK	SIZE	NO.	MARK	SIZE	NO.	MARK	SIZE	NO.	MARK	SIZE	NO.
w1	#4	1	w2	#4	1	w3	#4	1	w4	#4	1
w5	#4	1	w6	#4	1	w7	#4	1	w8	#4	1

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

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

FALCON FALLS - PHASE 1

STREET IMPROVEMENTS

TYPE 1-A INLET 5'-0"

CITY OF WICHITA, KANSAS

NEIL D. CABLE, P.E. - CITY ENGINEER

C.O.W. Project # 472-83687 O.C.A. # 765782

POE & ASSOCIATES OF KANSAS, INC.

CONSULTING ENGINEERS

5940 E. Central, Suite 200

Wichita, KS 67208-4444

Phone 316-685-4114 FAX 316-685-4444



FINAL

Designed By: J. Ubert / B. Kulla

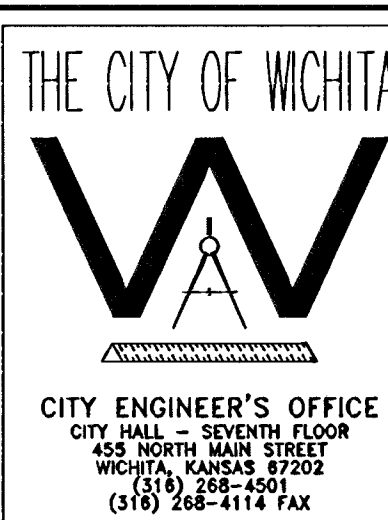
Drawn By: B. Kulla

Poe Job No.: 1748A

Date: May 2003

Sheet

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

M. E. LINDEBAK P.E. - CITY ENGINEER

PROJECT NUMBER INDEX CODE

DATE SHEET 22 OF xx