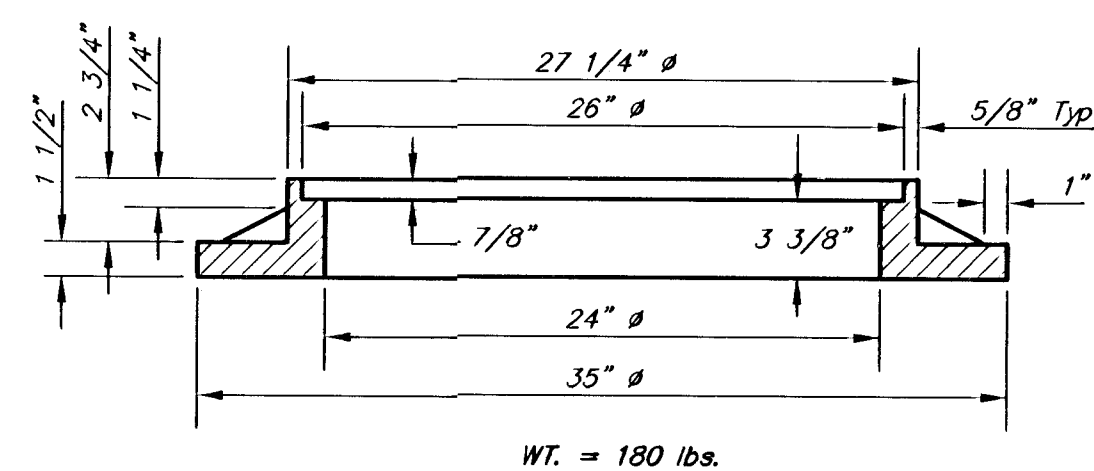
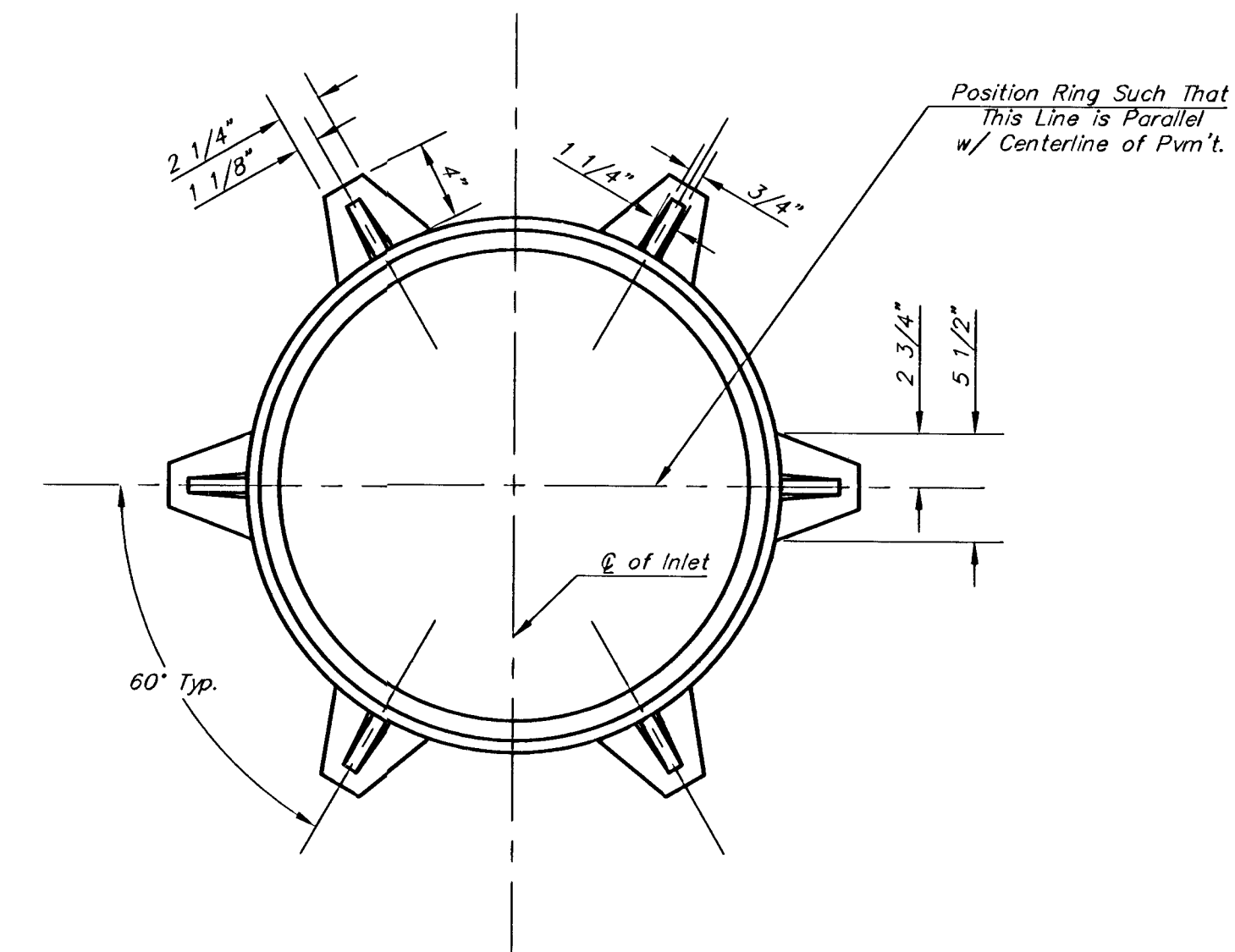
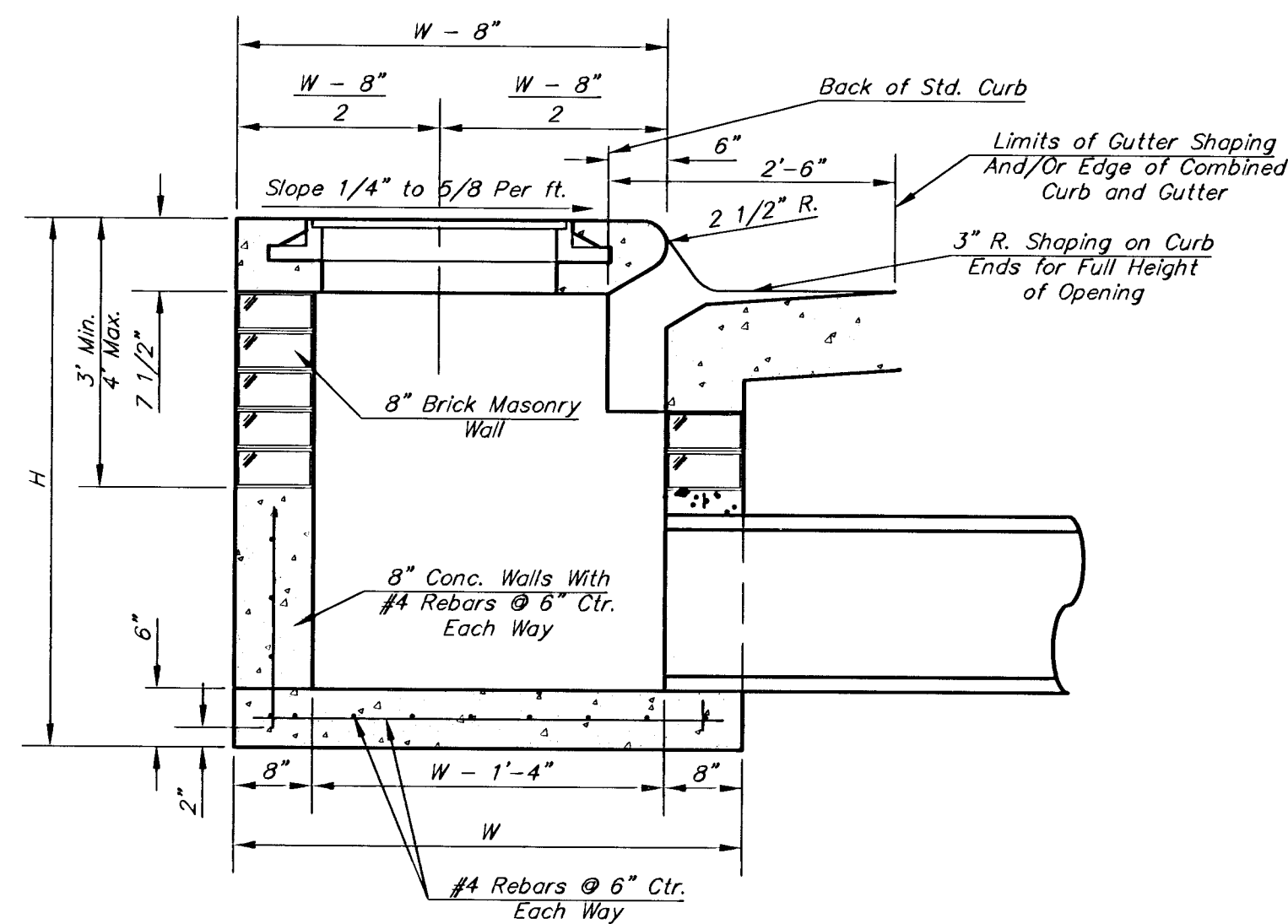
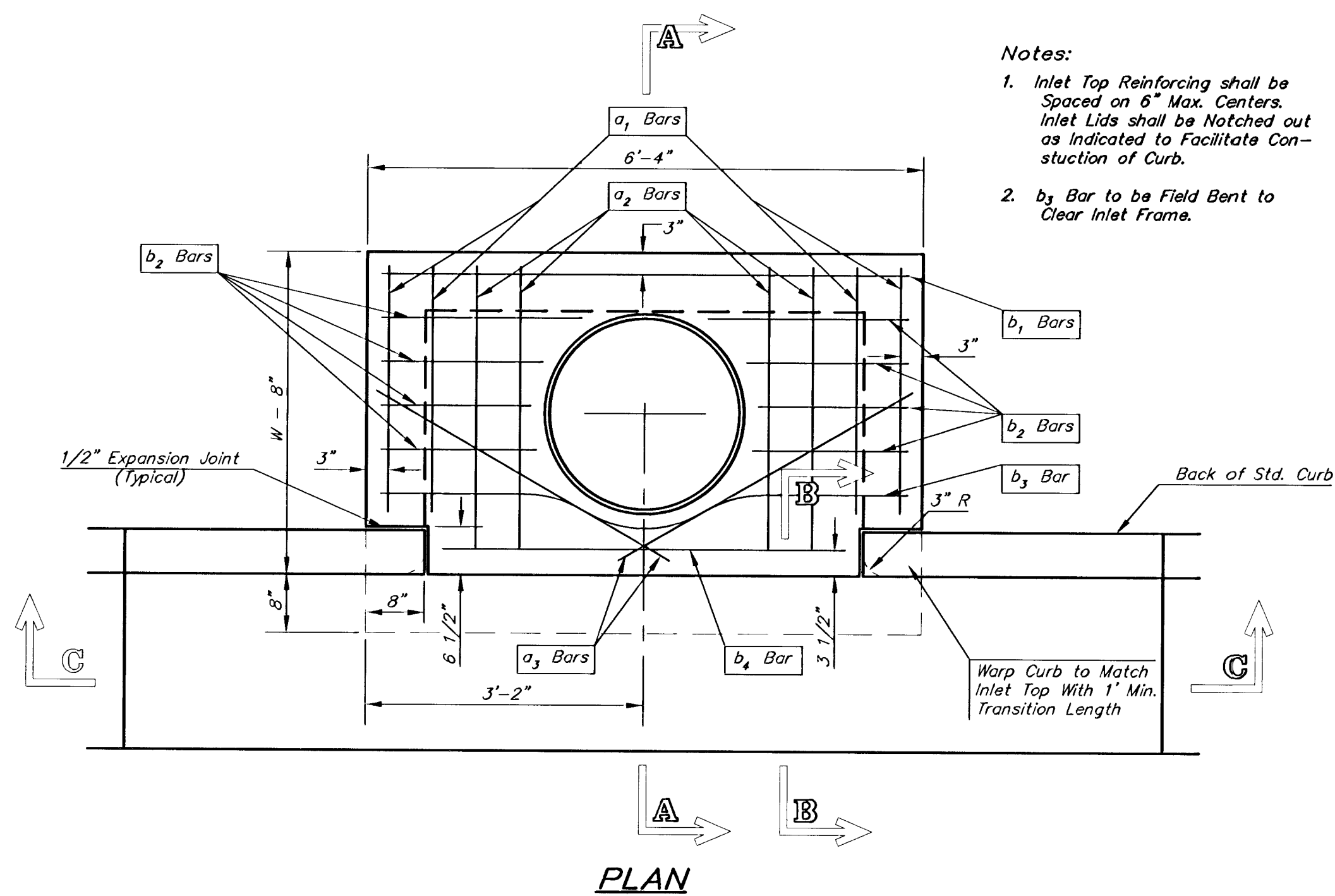
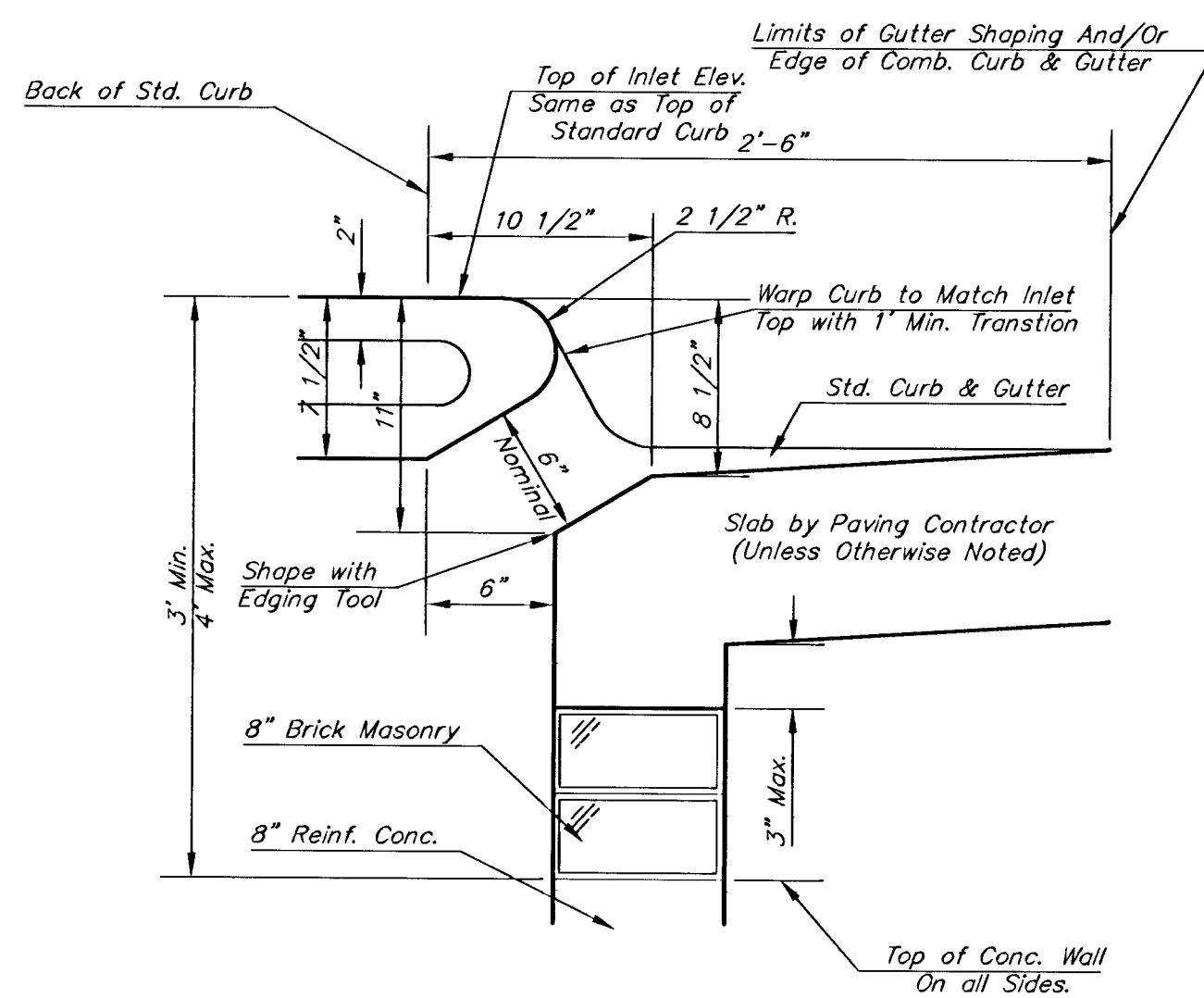
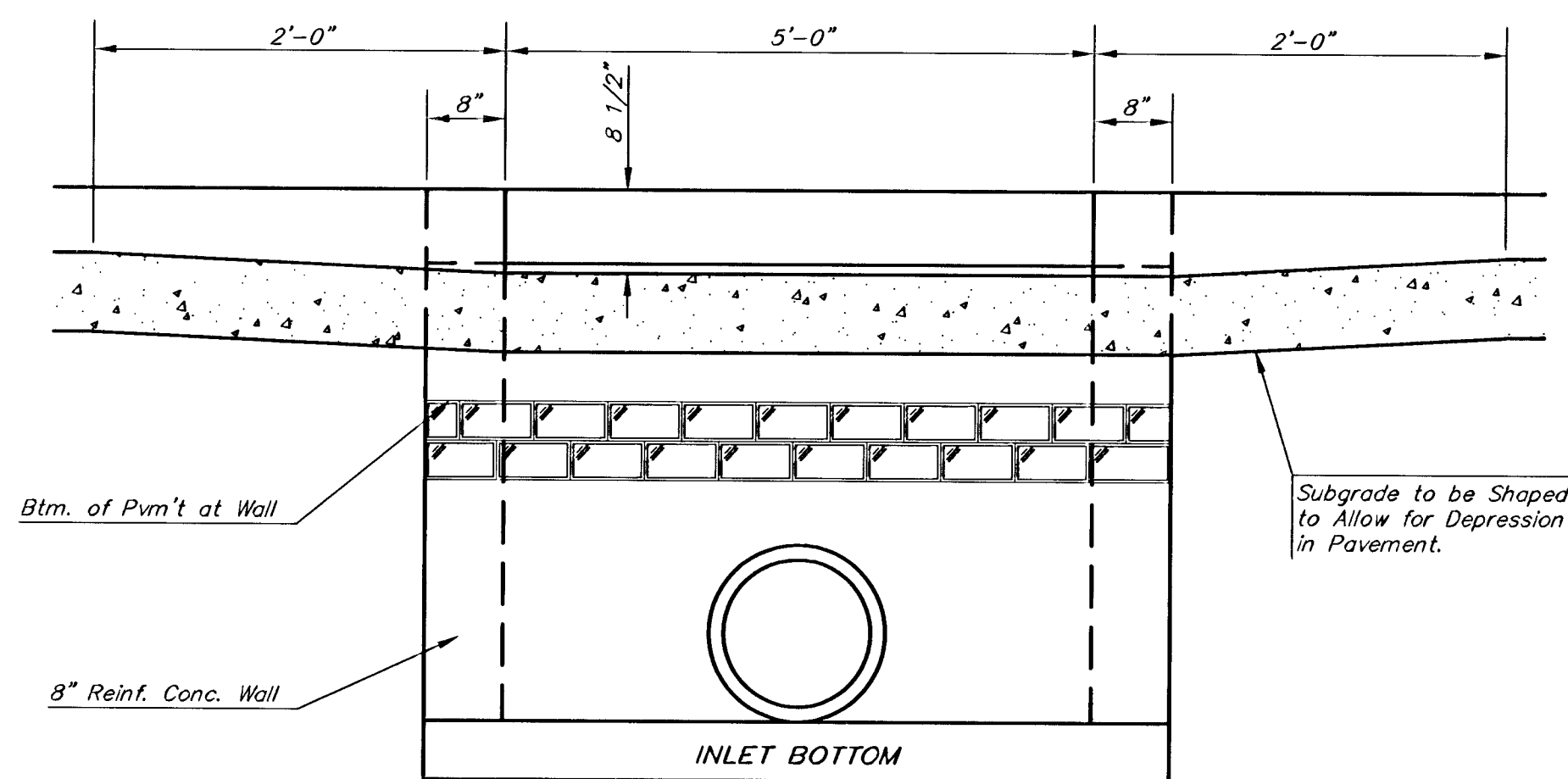
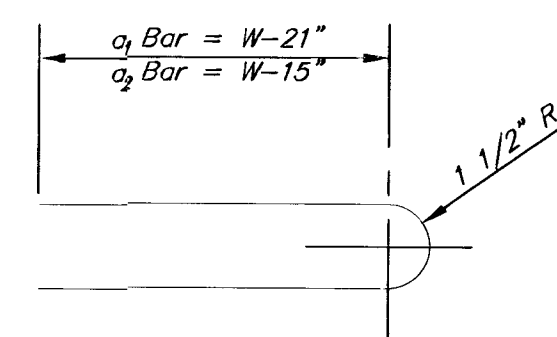




MANHOLE RING AND COVER

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



STEEL SCHEDULE

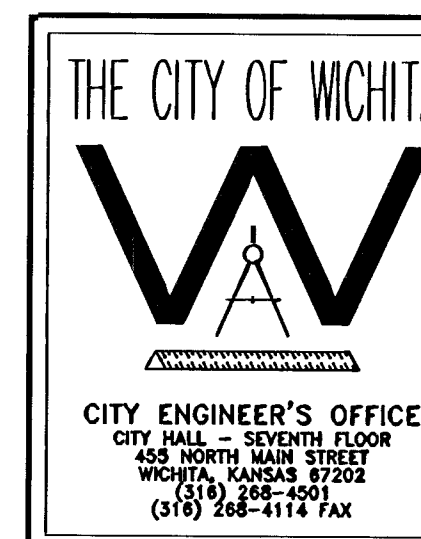
BAR	a ₁	a ₂	a ₃	b ₁				b ₂	b ₃	b ₄	Wt. Lbs.
NUMBER	4	4	2	1	3	5	7	9	6	1	1
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	
LENGTH	W=4'-4"	5'-7"	6'-7"	4'-0"	6'-1"	-	-	-	1'-9"	6'-2"	4'-8"
	W=5'-4"	7'-7"	8'-7"	5'-0"	6'-1"	-	-	-	1'-9"	6'-2"	4'-8"
	W=6'-4"	9'-7"	10'-7"	6'-0"	-	6'-1"	-	-	1'-9"	6'-2"	4'-8"
	W=7'-4"	11'-7"	12'-7"	7'-0"	-	-	6'-1"	-	1'-9"	6'-2"	4'-8"
	W=8'-4"	13'-7"	14'-7"	8'-0"	-	-	-	6'-1"	1'-9"	6'-2"	4'-8"

Note: a₃ Bars to be Placed Approx. 2" Below Top of Inlet Cover.

STANDARD CURB INLET PRECAST TOPS				
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.	
4'-4"	3'-8" 6'-4" 7 1/2"	21" & SMALLER	0.38±	
5'-4"	4'-8" 6'-4" 7 1/2"	24" & 30"	0.51±	
6'-4"	5'-8" 6'-4" 7 1/2"	36" & 42"	0.64±	
7'-4"	6'-8" 6'-4" 7 1/2"	48" & 54"	0.77±	
8'-4"	7'-8" 6'-4" 7 1/2"	60" & 66"	0.90±	

GENERAL NOTES

- 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.
- 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.
- 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.



STANDARD TYPE 1 CURB INLET

OPENING = 6" x 5'-0"

James Armour P.E. - CITY ENGINEER

DATE
MAR 96

FINAL

Designed By: T. Austin

Drawn By: A. Moss

Poe Job No.: 1894-02

Date: 10/20/2006

QUKTRIP #315
SANITARY & STORM SEWER IMPROVEMENTS
CURB INLET DETAILS
CITY OF WICHITA, KANSAS
JAMES ARMOUR, P.E. - CITY ENGINEER
1711 PPS (607861)

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

