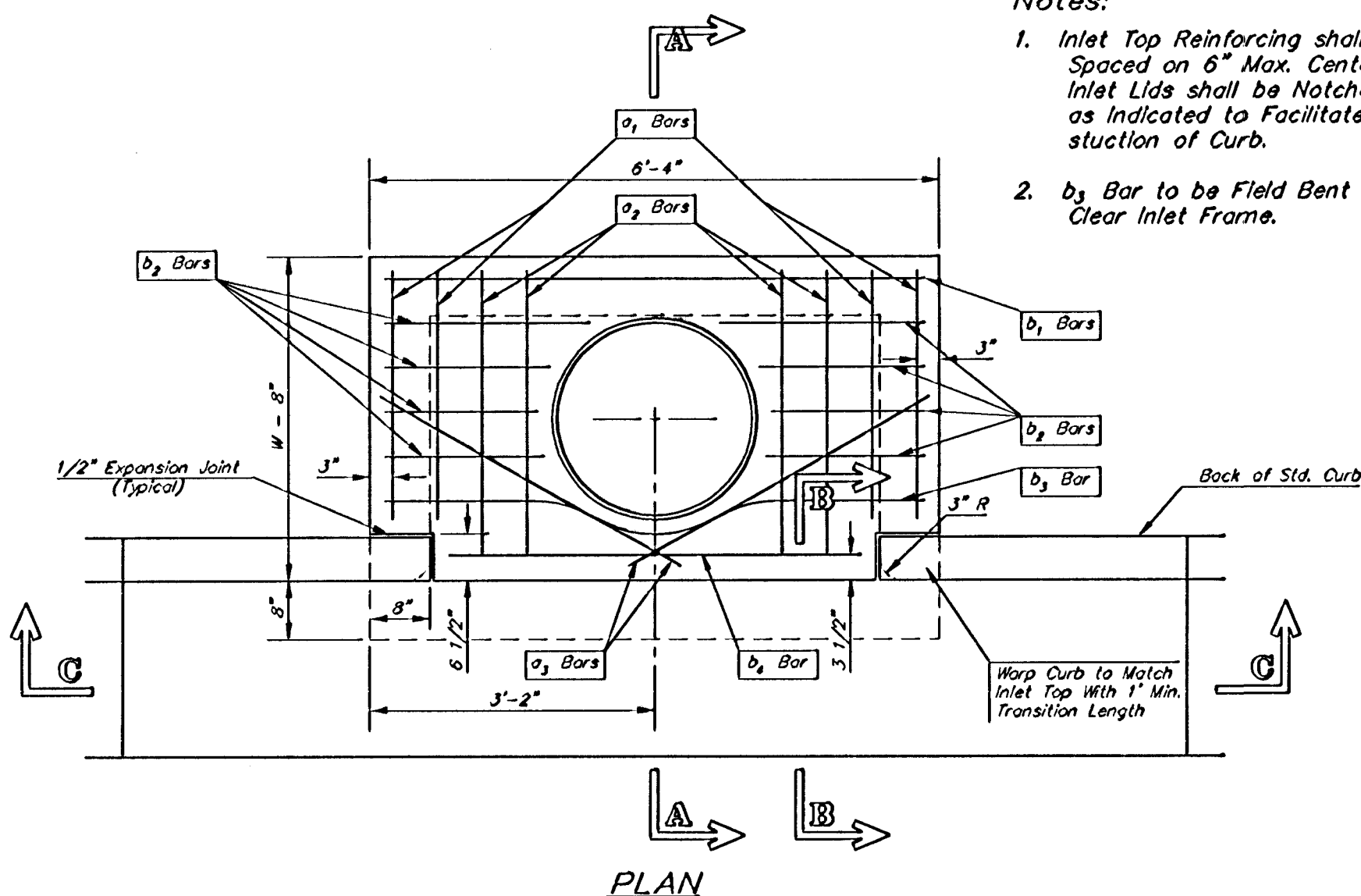
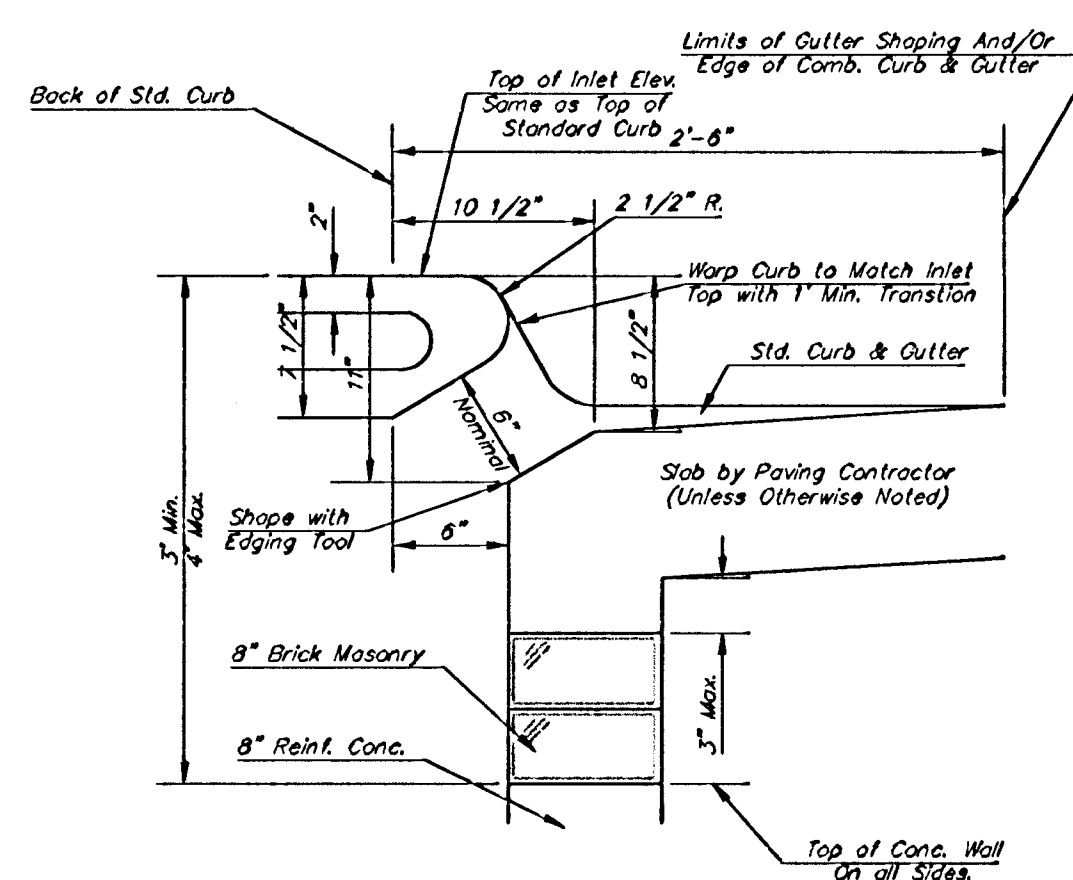
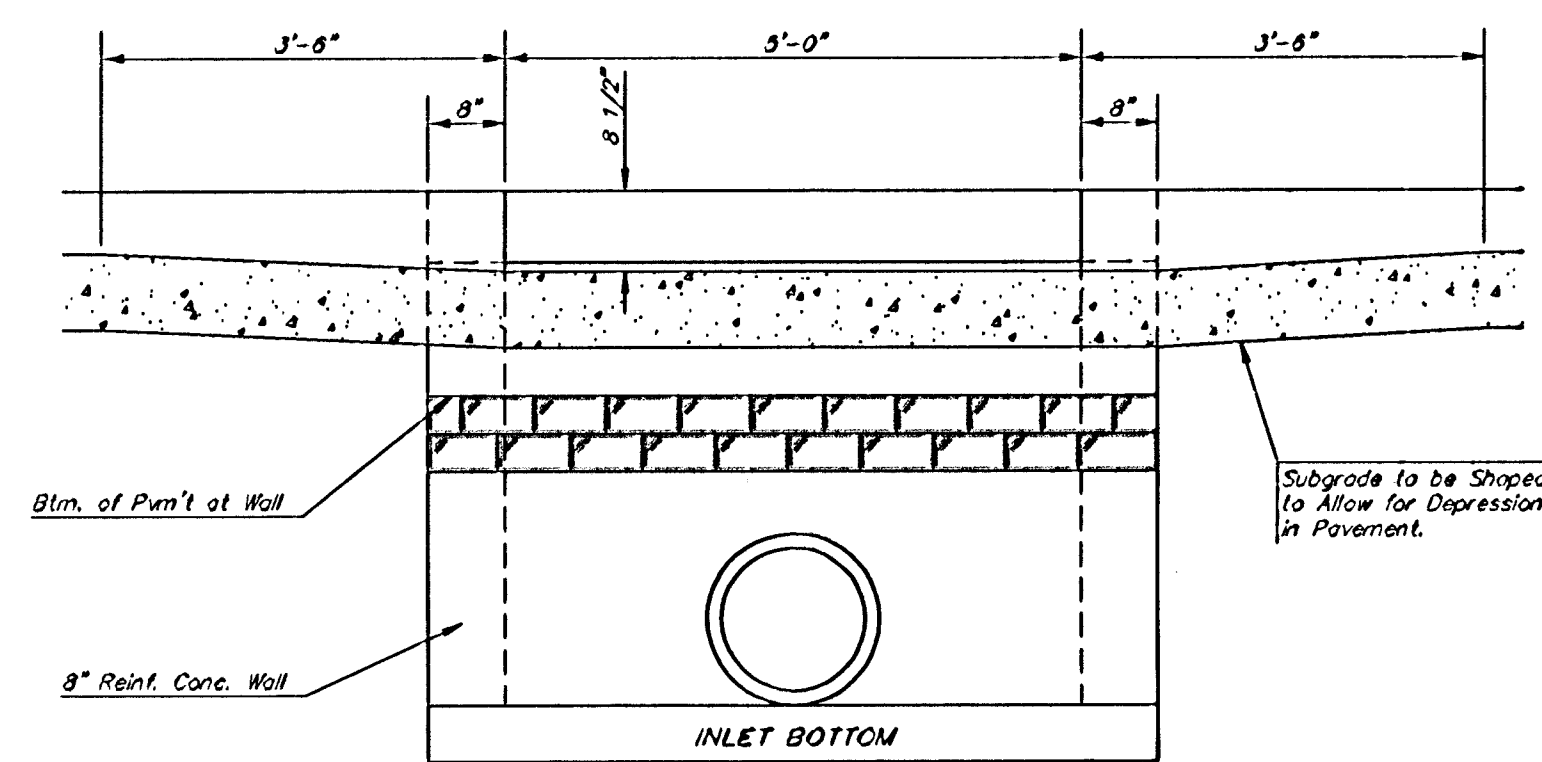




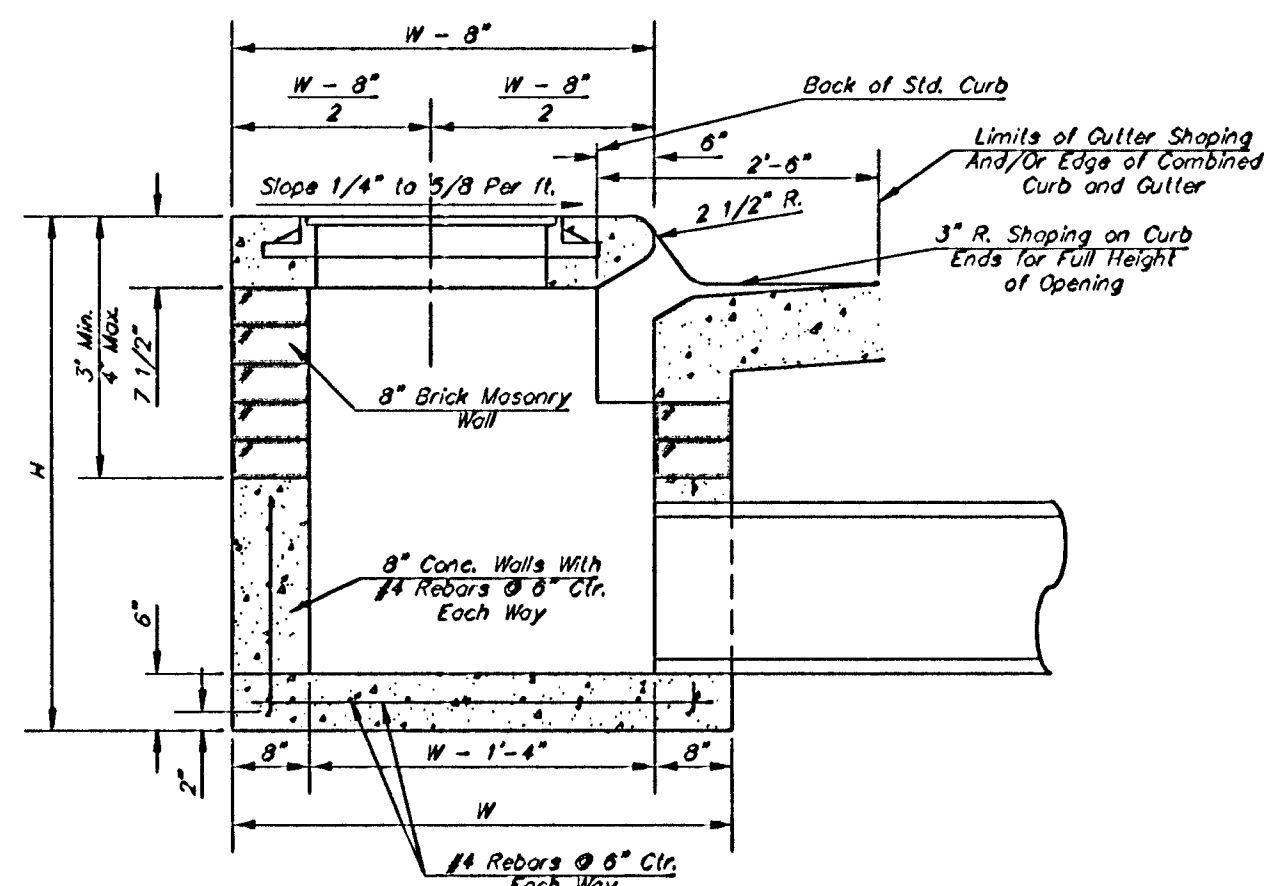
1. Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids shall be Notched out as Indicated to Facilitate Construction of Curb.
2. b₃ Bar to be Field Bent to Clear Inlet Frame.



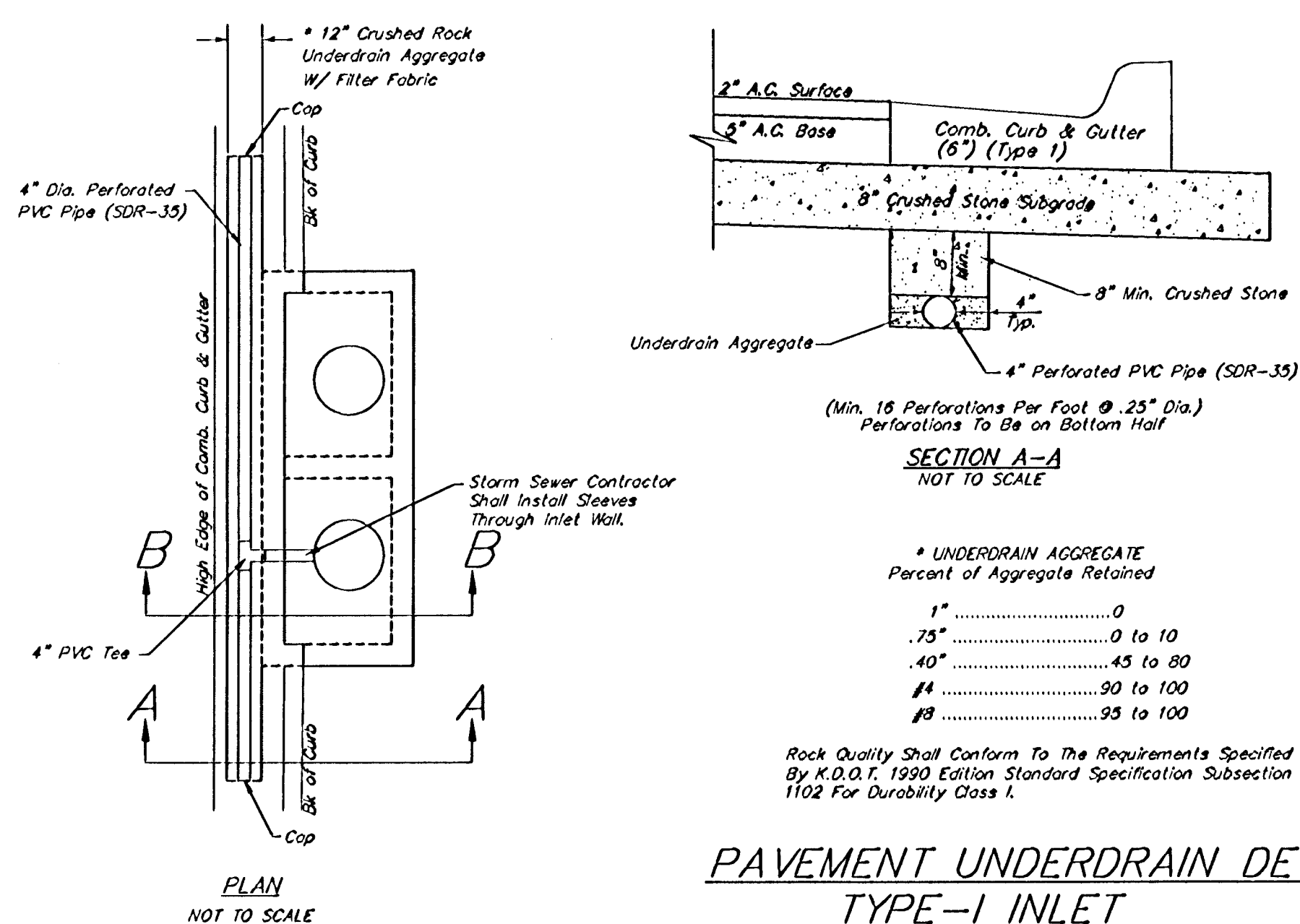
SECTION B-B



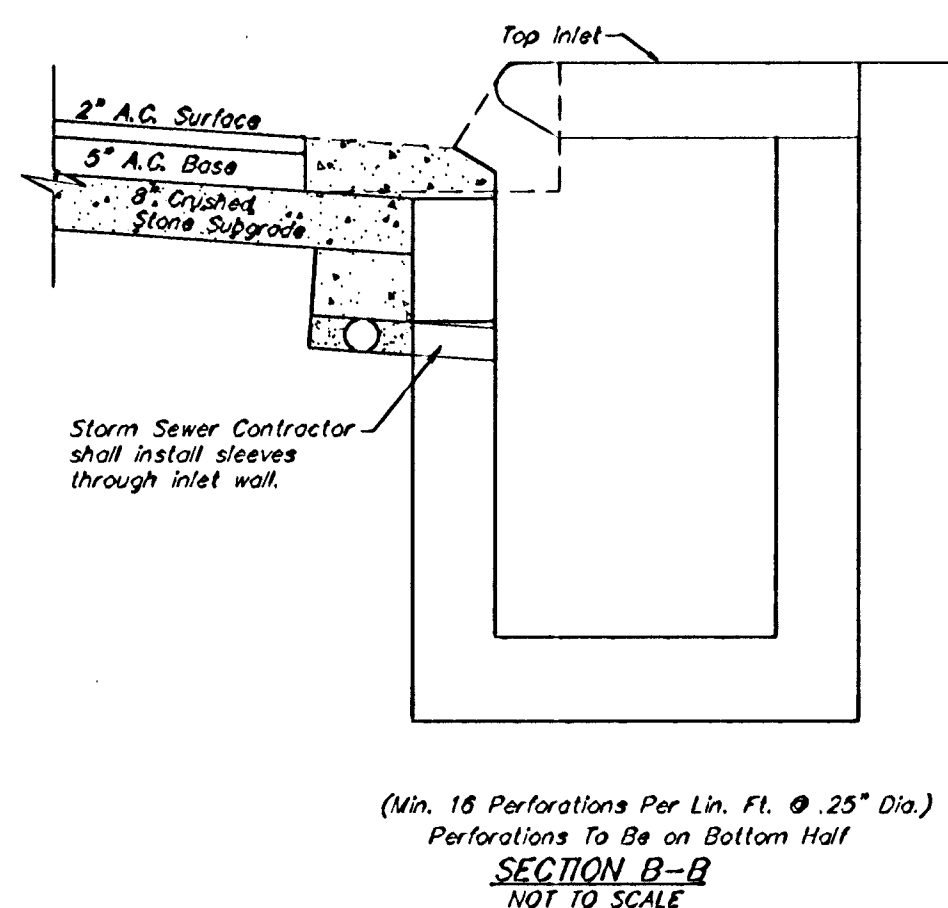
SECTION C-C



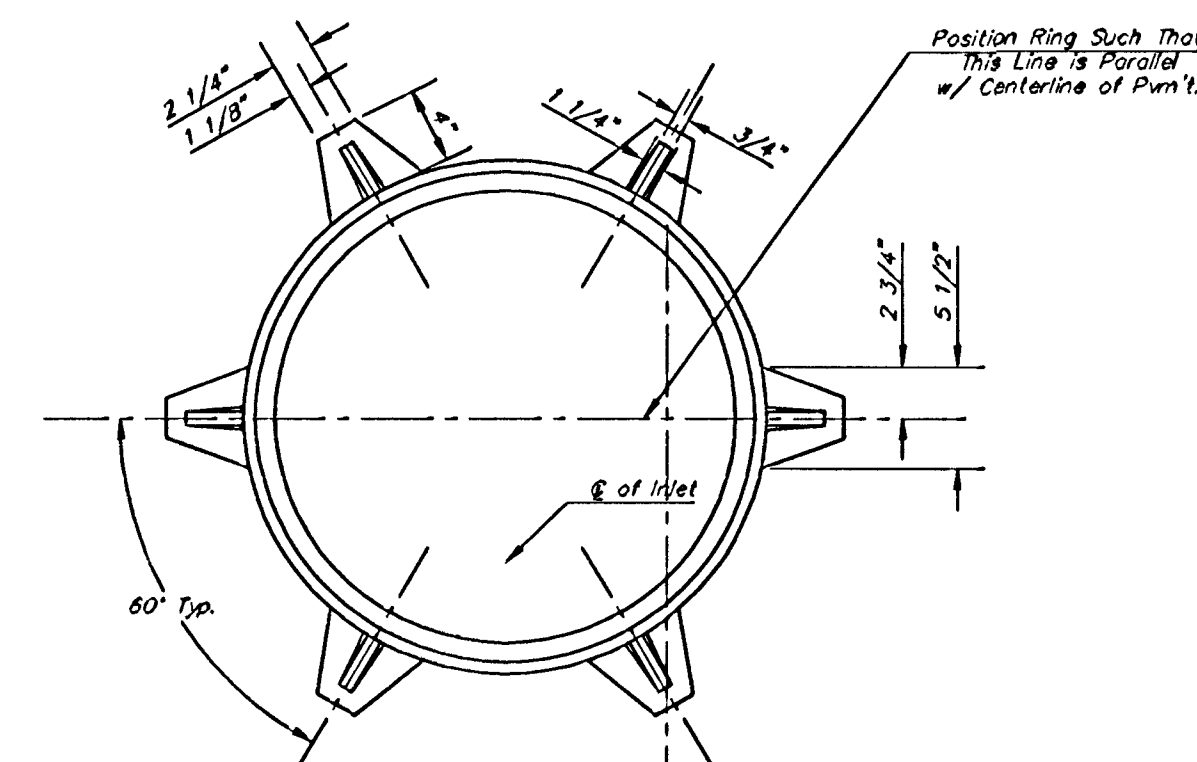
SECTION A-A



PAVEMENT UNDERDRAIN DETAIL
TYPE-I INLET
NOT TO SCALE



NOTE: Place 4" Perforated PVC Pipe at all drainage sump locations. Storm Sewer Contractor shall install sleeves through inlet wall. Cost of Underdrain System to be INCIDENTAL to the Bid Item " Reinf. Crushed Rock Base (8"). Inlet Type May Vary From That Shown.



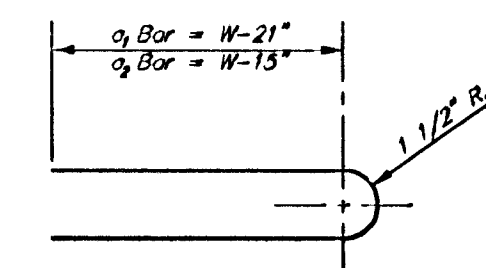
MANHOLE RING AND COVER

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

BAR	a ₁	a ₂	a ₃	b ₁						b ₂	b ₃	b ₄	Wt. Lbs.
				#4-4"	#5-4"	#6-4"	#7-4"	#8-4"	#9-4"				
NUMBER	4	4	2	1	3	5	7	9	6	1	1		
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6		
LENGTH	W=4'-4"	5'-7"	6'-2"	4'-0"	6'-1"	-	-	-	1'-9"	6'-2"	4'-8"	60±	
	W=5'-4"	7'-7"	8'-7"	5'-0"	6'-1"	-	-	-	1'-9"	6'-2"	4'-8"	81±	
	W=6'-4"	9'-7"	10'-2"	6'-0"	-	6'-1"	-	-	1'-9"	6'-2"	4'-8"	101±	
	W=7'-4"	11'-7"	12'-2"	7'-0"	-	-	6'-1"	-	1'-9"	6'-2"	4'-8"	121±	
	W=8'-4"	13'-7"	14'-2"	8'-0"	-	-	-	6'-1"	1'-9"	6'-2"	4'-8"	141±	

Note: a. 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±



BENDING DIAGRAM

GENERAL NOTES

1. 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.
2. 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.
3. Inlet invert shall be sloped 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.
4. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.
5. This detail is identical to the standard detail drawing except that the gutter transition length is increased from 2'-0" to 3'-6".