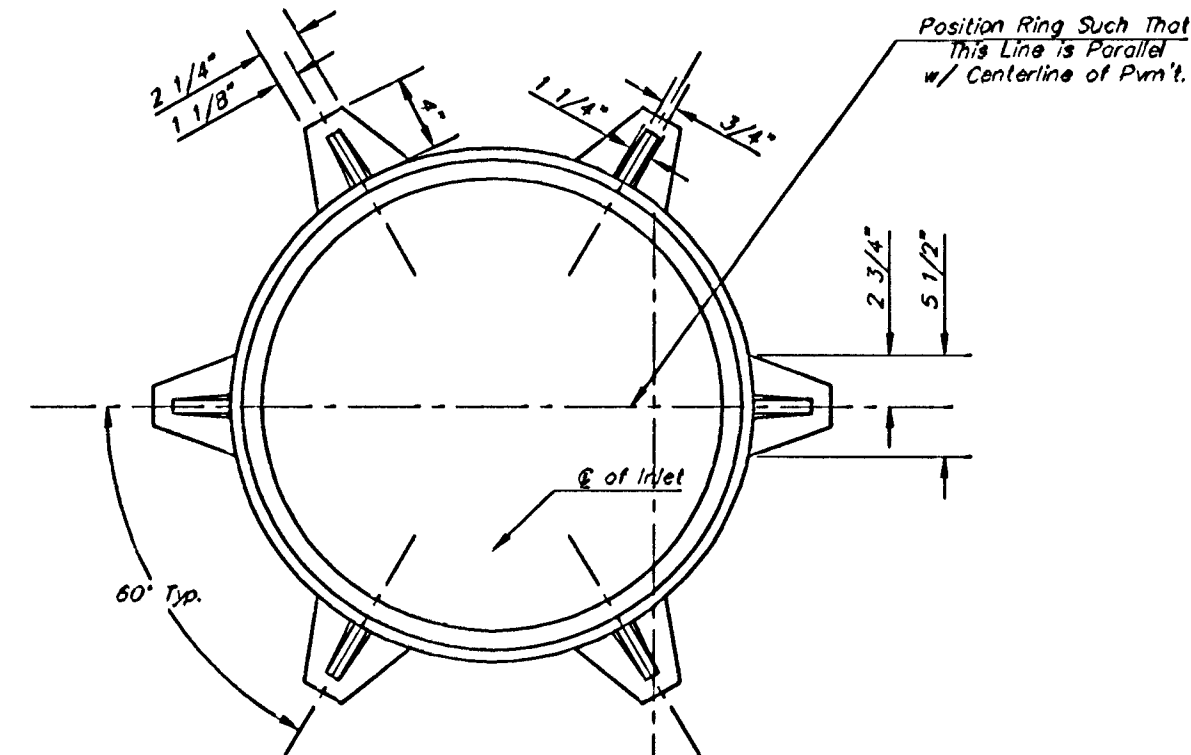
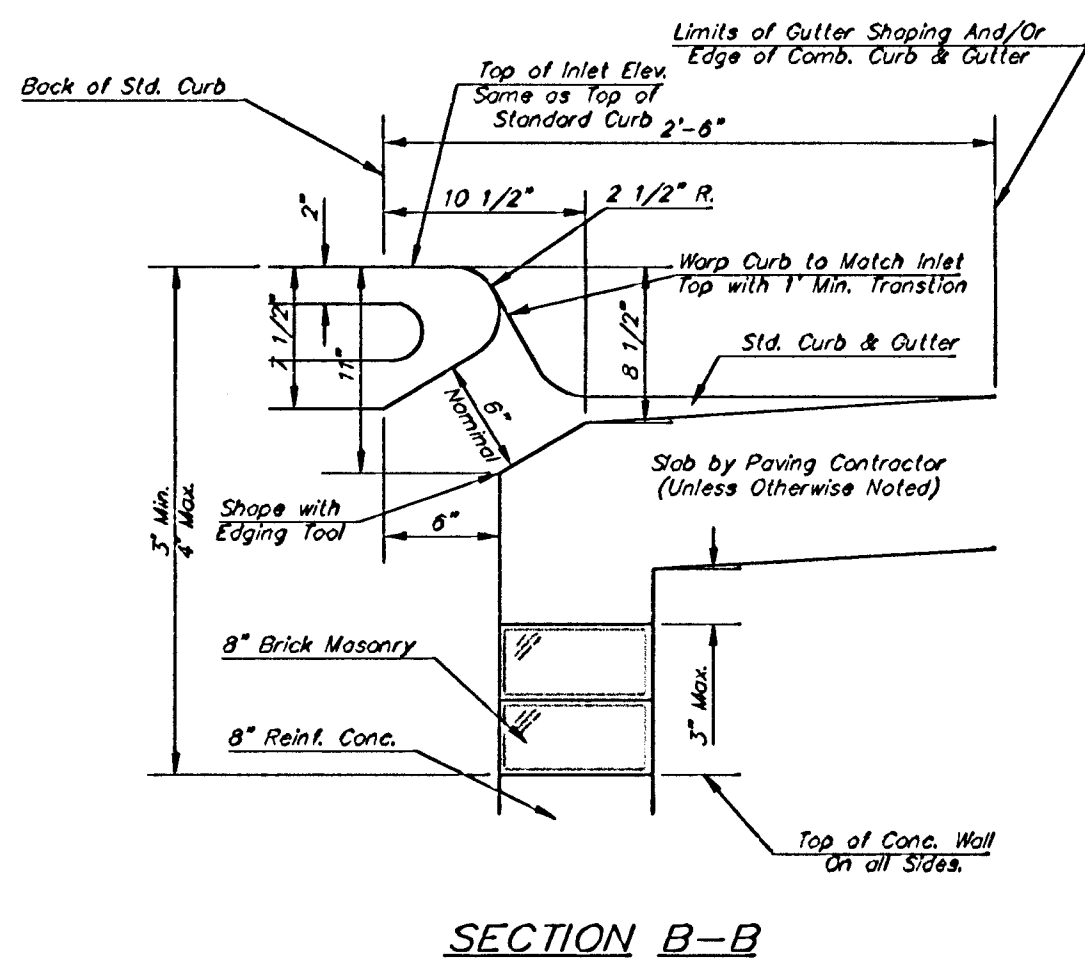
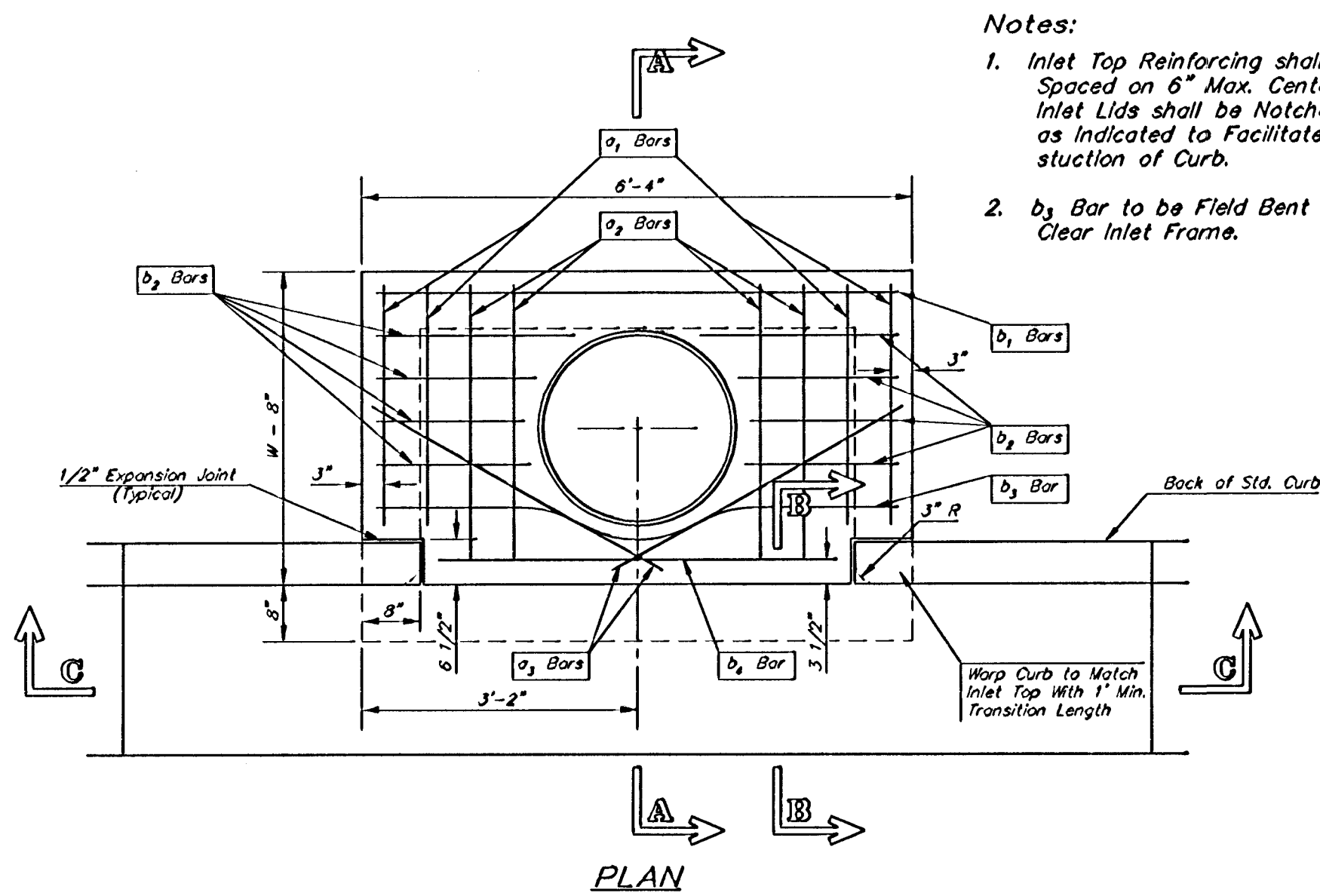


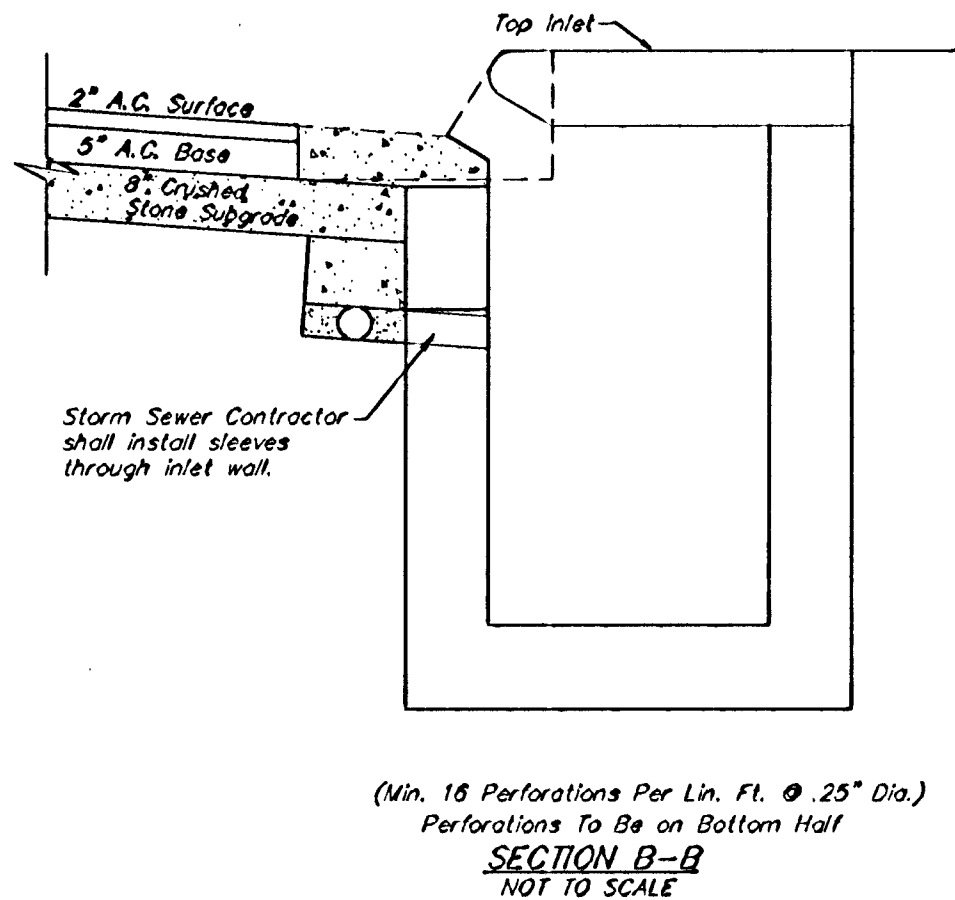
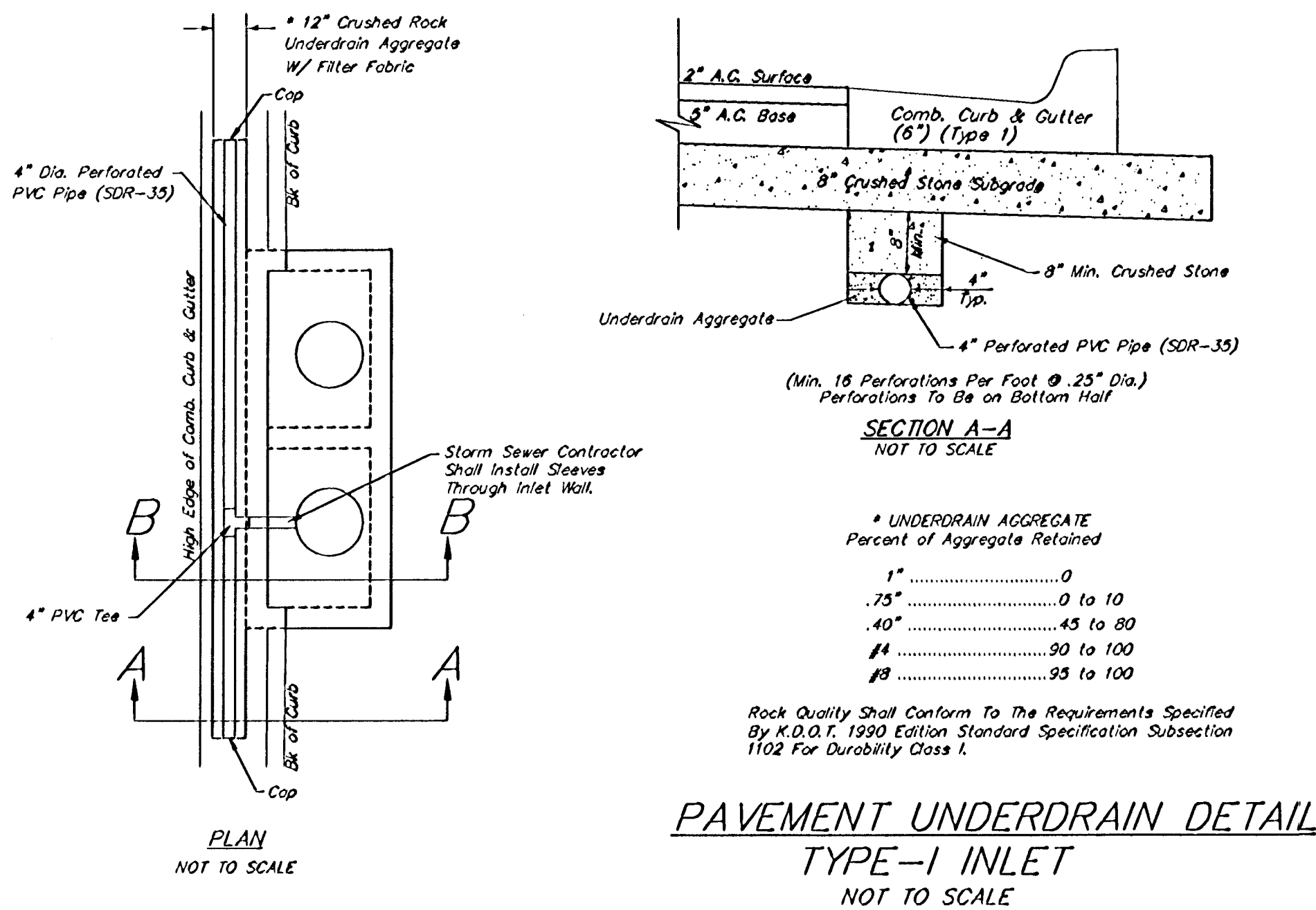
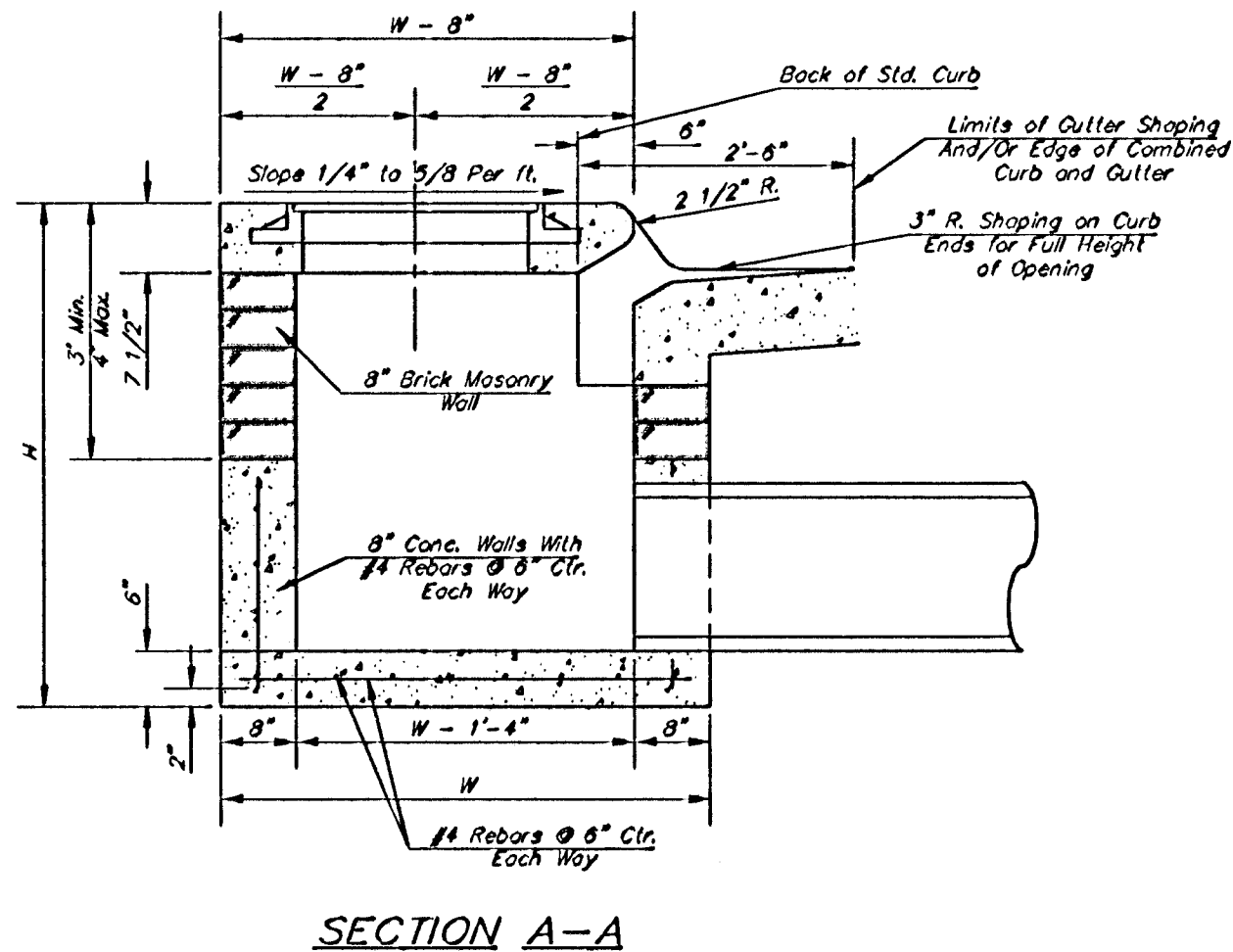
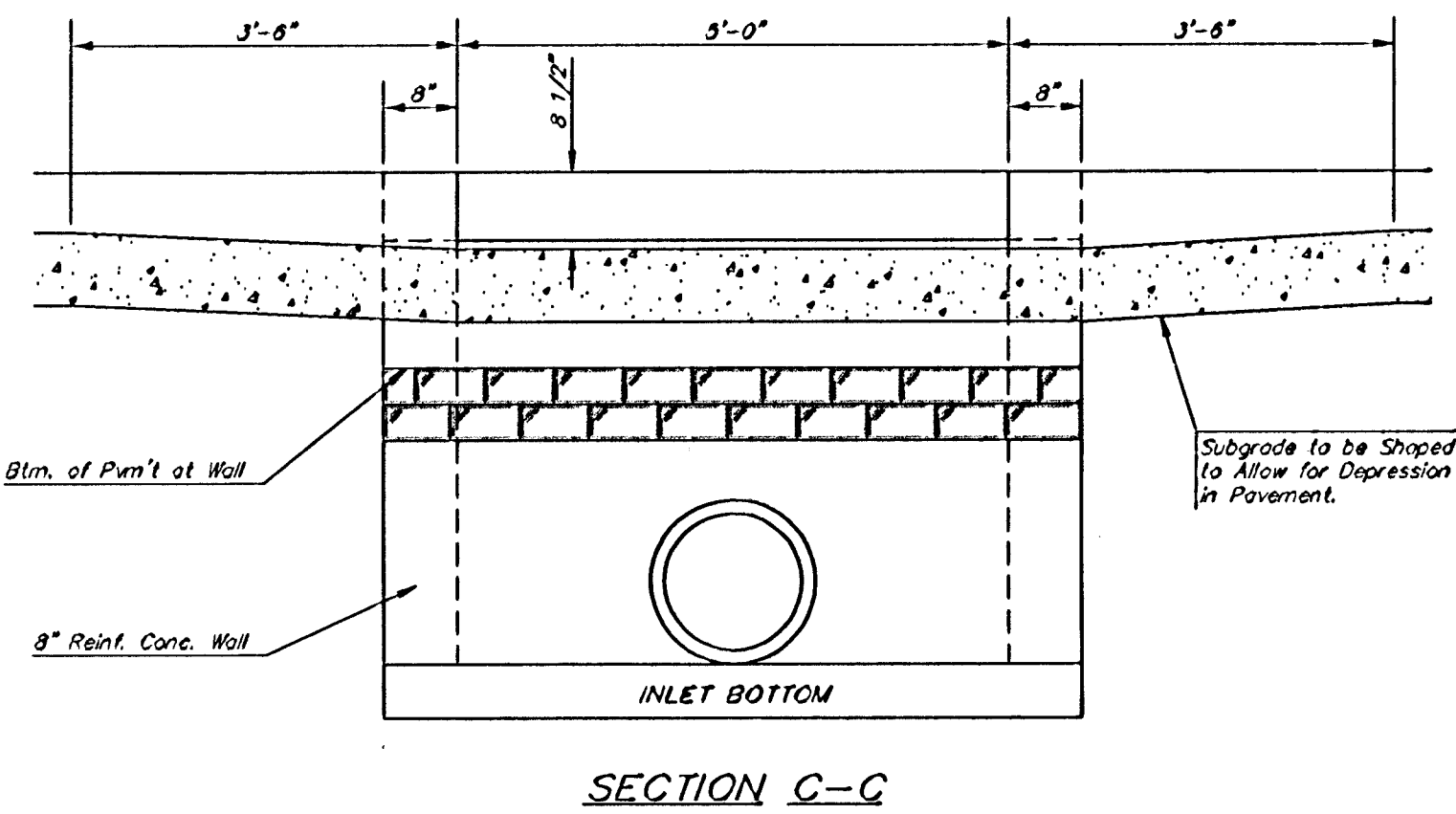
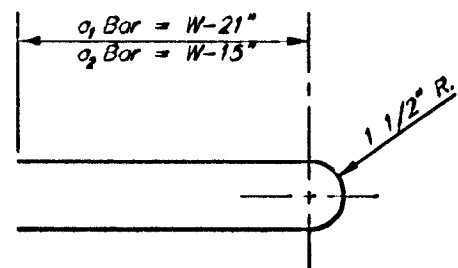
FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87 N-0303-01	2003	50	143



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		
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6		
LENGTH	W=4'-4"	5'-7"	6'-7"	6'-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'-7"	6'-0"	-	-	-	-	1'-9"	6'-2"	4'-8"	101±
	W=7'-4"	11'-7"	12'-7"	7'-0"	-	-	-	6'-1"	1'-9"	6'-2"	4'-8"	121±
	W=8'-4"	13'-7"	14'-7"	8'-0"	-	-	-	6'-1"	1'-9"	6'-2"	4'-8"	141±

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±	



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.

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.
- This detail is identical to the standard detail drawing except that the gutter transition length is increased from 2'-0" to 3'-6".

PROJECT NUMBER	472-83902	SHEET NAME	Styp1-s	ENGINEERING DIRECTORY	F:\Hydraulic phs2\details
DESIGN STAFF	DRAWN STAFF	APPROVED	DATE	SCALE	BAUGHMAN NO
			JUNE 2003	None	99-09-E451

CITY OF WICHITA, KANSAS
STANDARD TYPE 1 SINGLE CURB INLET DETAILS
INLET OPENING = 6' x 5' 6"

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
315-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET
50
OF
143