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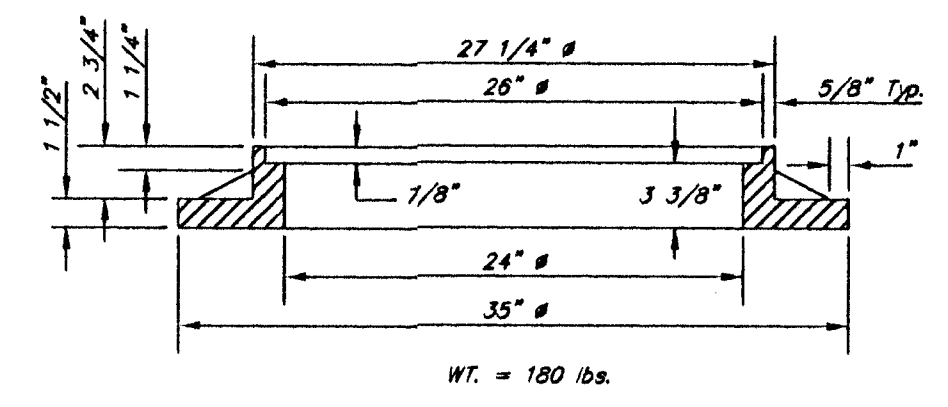
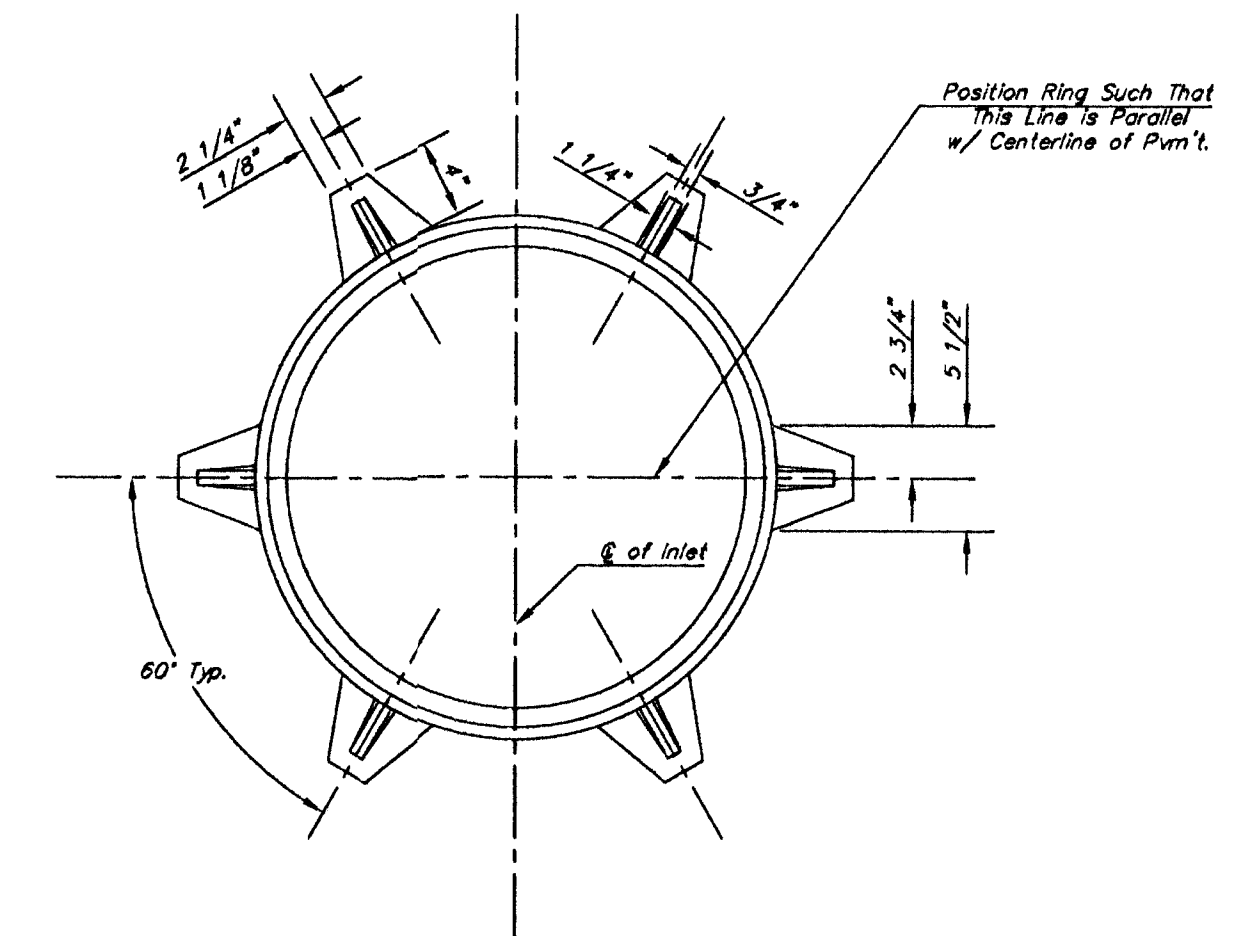
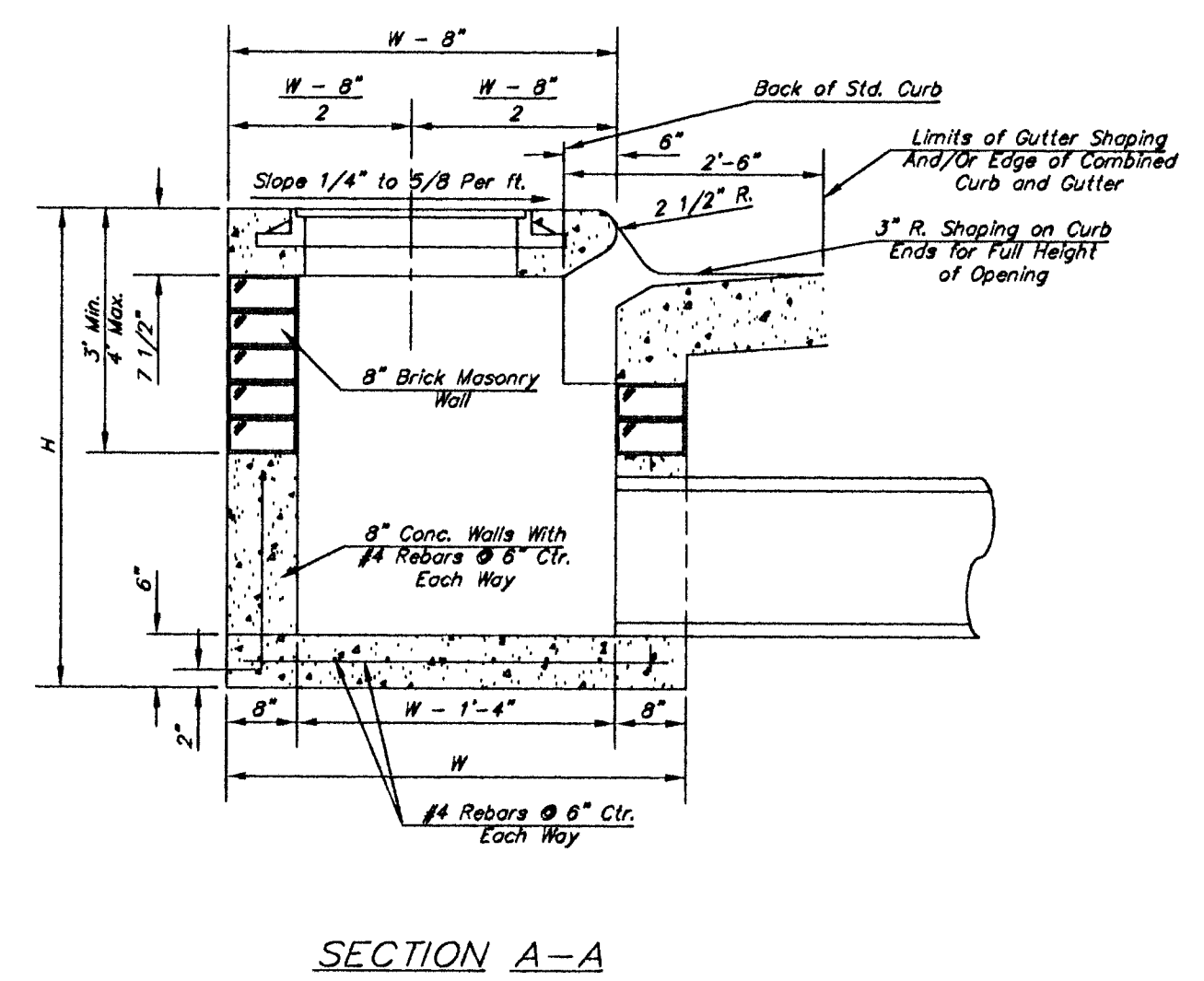
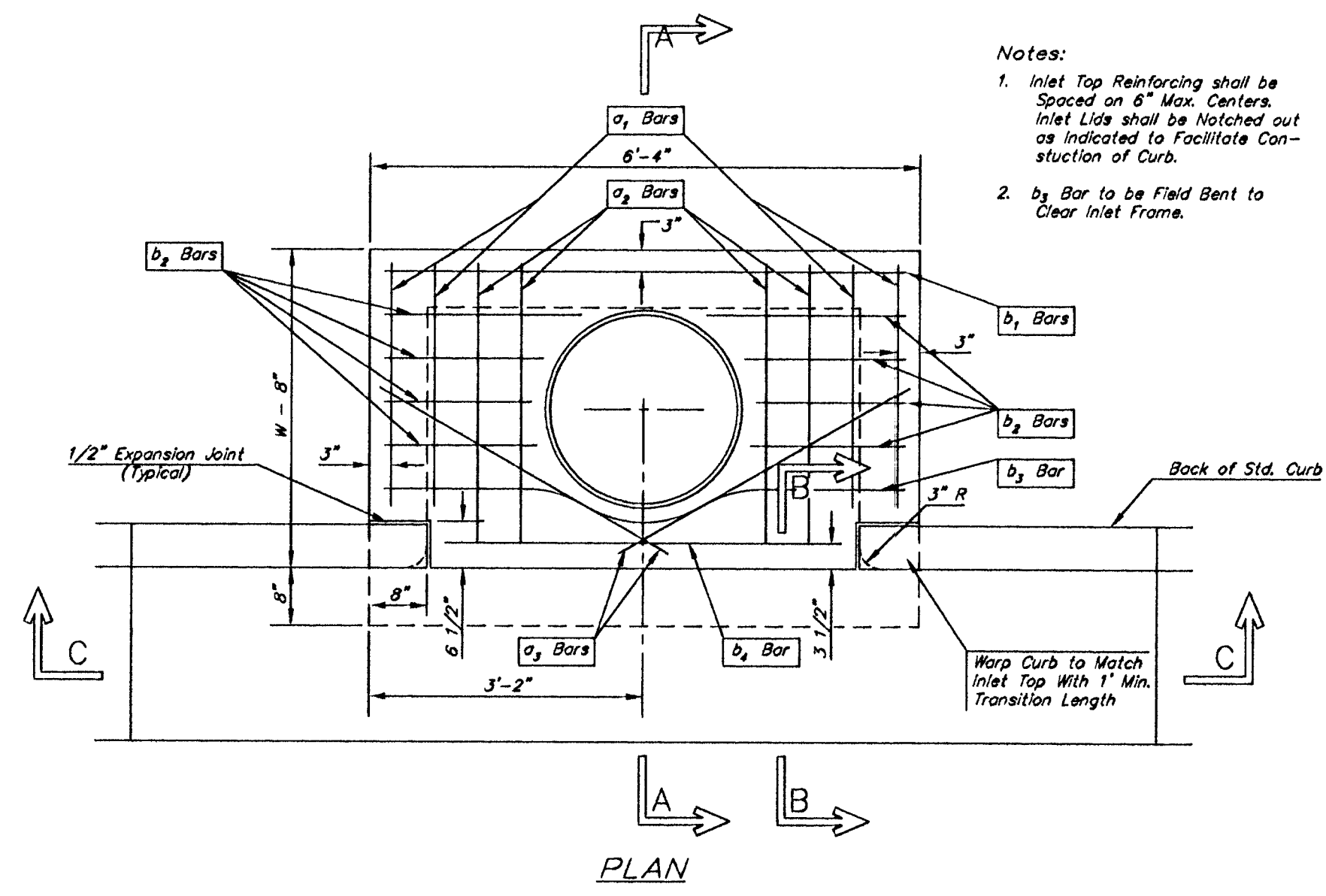
WEST DOUGLAS STREETSCAPE
ARKANSAS RIVER TO SENECA
WICHITA, KANSAS

PROJECT NO. 472 83608 OCA: 706846
MVP PROJECT NO. 101008
DATE: August 7, 2002
REVISED: August 30, 2002

SHEET

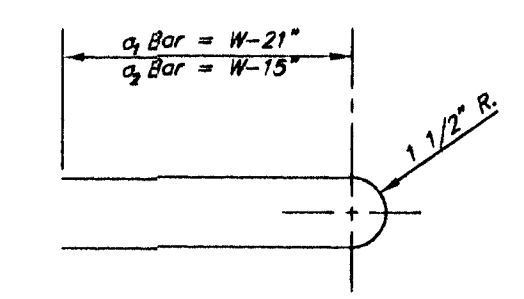
CV 3.6

Type 1 Inlet Single

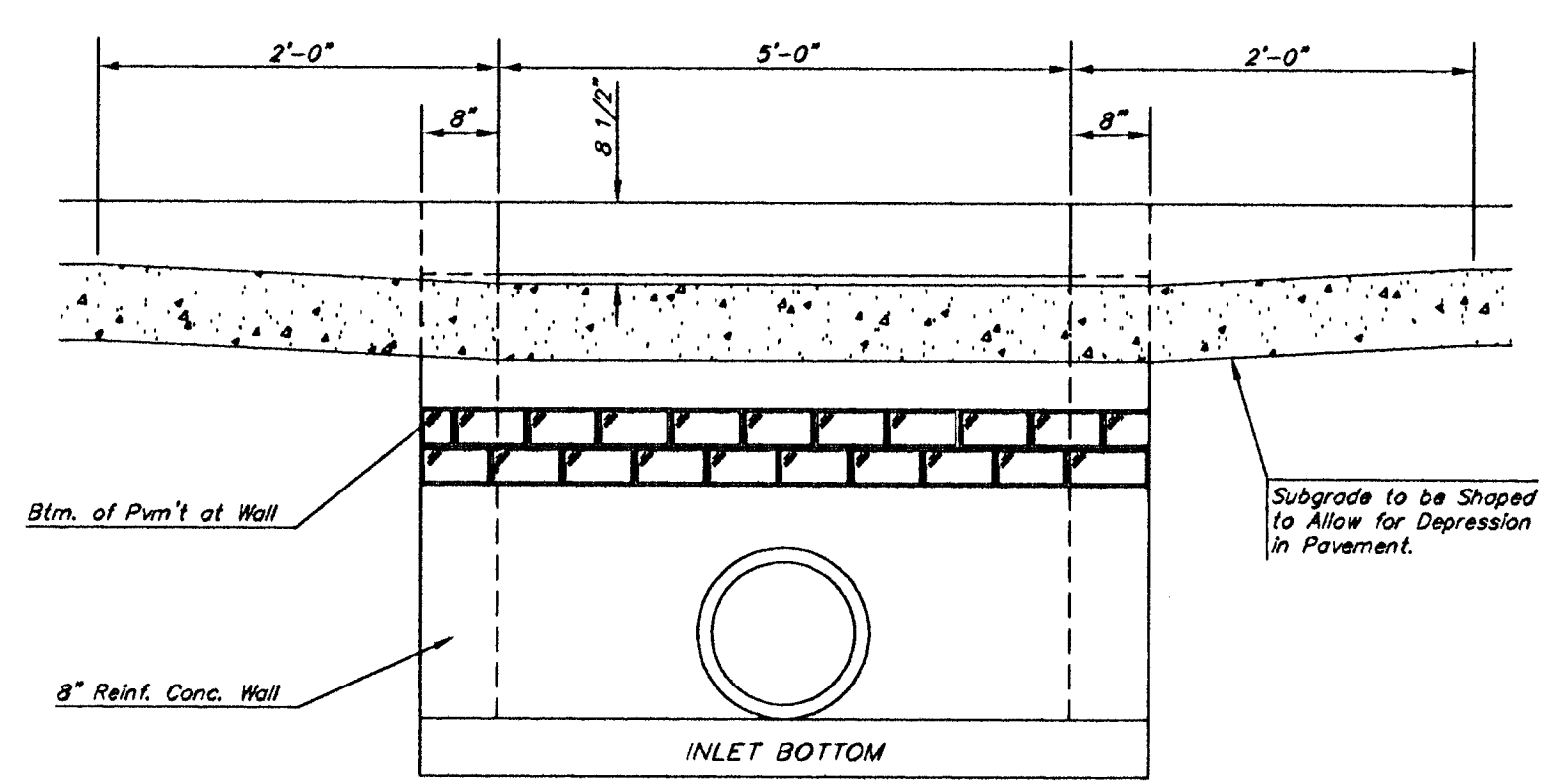


MANHOLE RING AND COVER

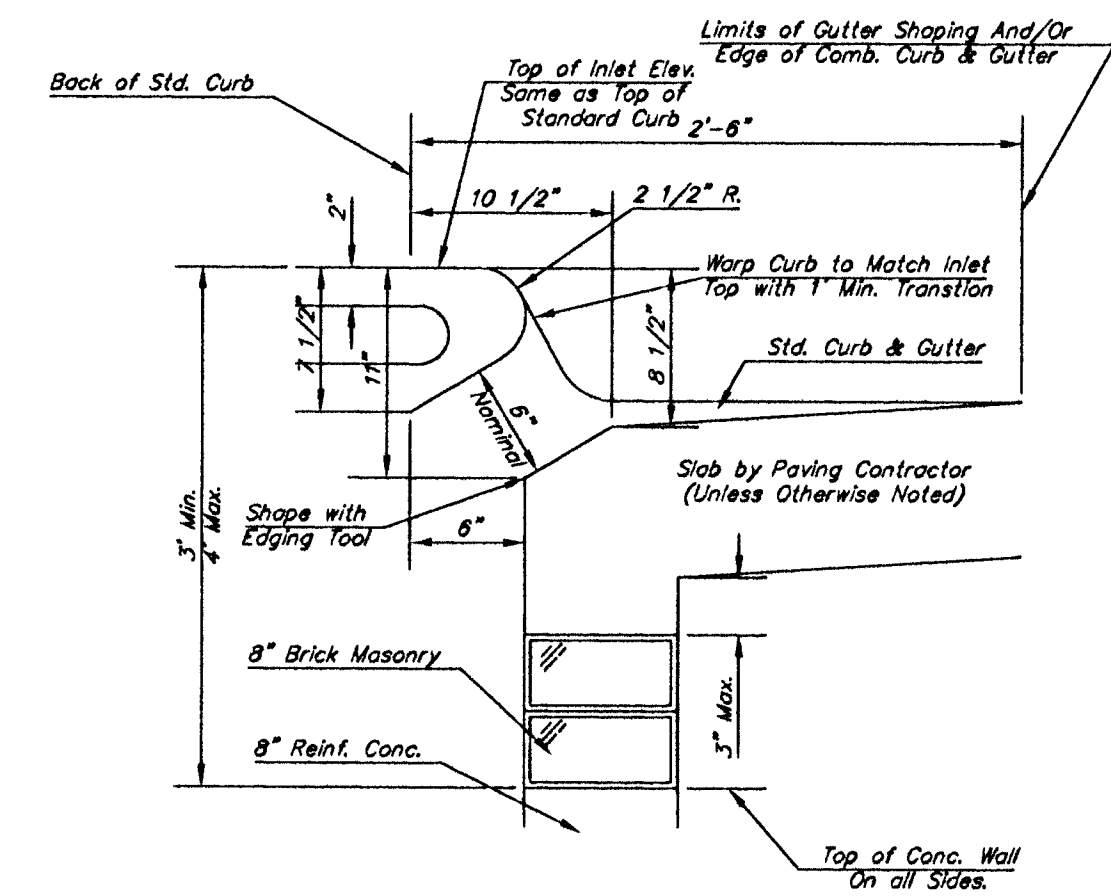
*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



BENDING DIAGRAM



SECTION C-C



SECTION B-B

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
SIZE	#4	#4	#4	#4	#4	#4	#4	#4
LENGTH	W-4'-4"	5'-7"	6'-7"	4'-0"	6'-1"	-	-	-
	W-5'-4"	7'-7"	8'-7"	5'-0"	6'-1"	-	-	-
	W-6'-4"	9'-7"	10'-7"	6'-0"	6'-1"	-	-	-
	W-7'-4"	11'-7"	12'-7"	7'-0"	6'-1"	-	-	-
	W-8'-4"	13'-7"	14'-7"	8'-0"	6'-1"	-	-	-

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

W	PRE-CAST TOP SIZE	PIPE SIZE	CUL. YD. CONC.
4'-4"	3'-8" 6'-4" 7 1/2"	21" & SMALLER	0.384
5'-4"	4'-8" 6'-4" 7 1/2"	24" & 30"	0.514
6'-4"	5'-8" 6'-4" 7 1/2"	36" & 42"	0.644
7'-4"	6'-8" 6'-4" 7 1/2"	48" & 54"	0.774
8'-4"	7'-8" 6'-4" 7 1/2"	60" & 66"	0.904

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.