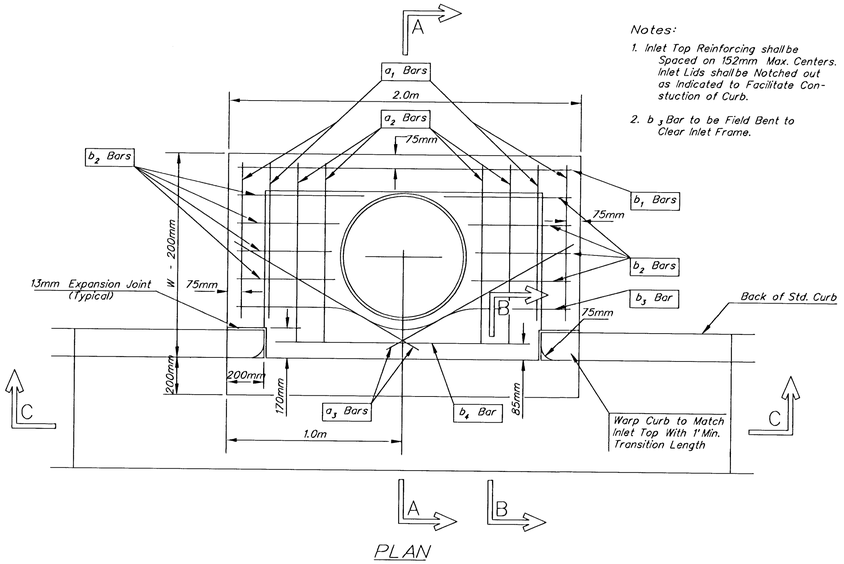
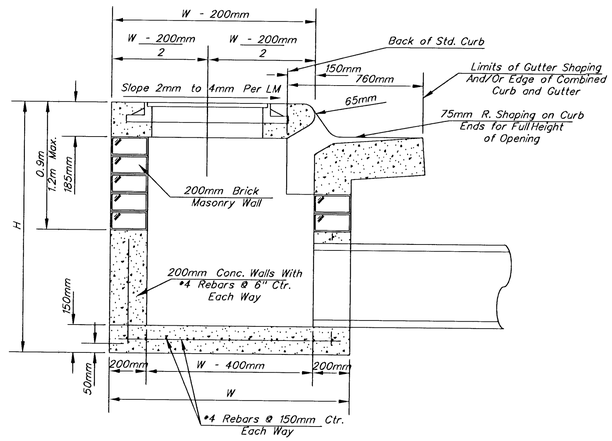


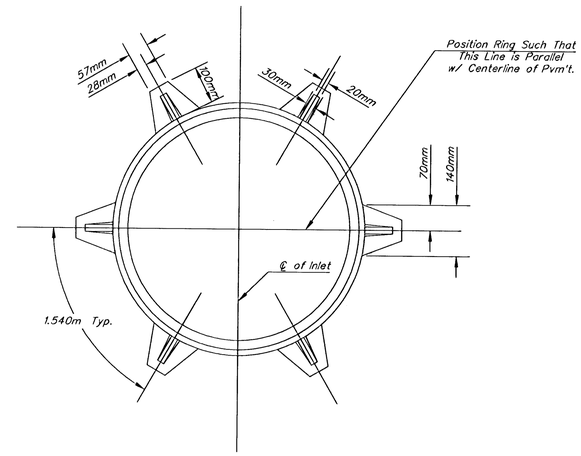
PLAN

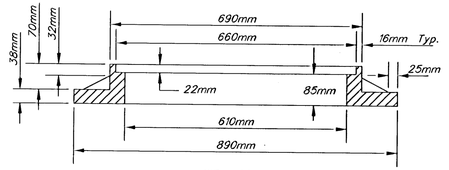
Notes:

1. Inlet Top Reinforcing shall be Spaced on 152mm Max. Centers. Inlet Lids shall be Notched out as Indicated to Facilitate Construction of Curb.
2. b_3 Bar to be Field Bent to Clear Inlet Frame.



SECTION A-A

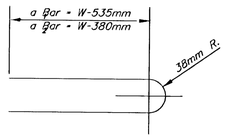




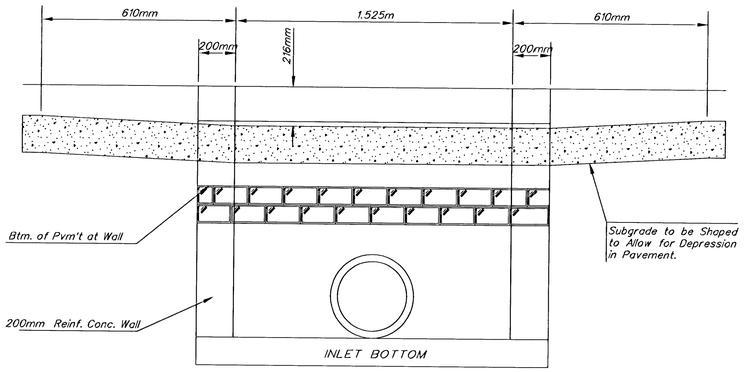
Wt. - 82 Kg

MANHOLE RING AND COVER

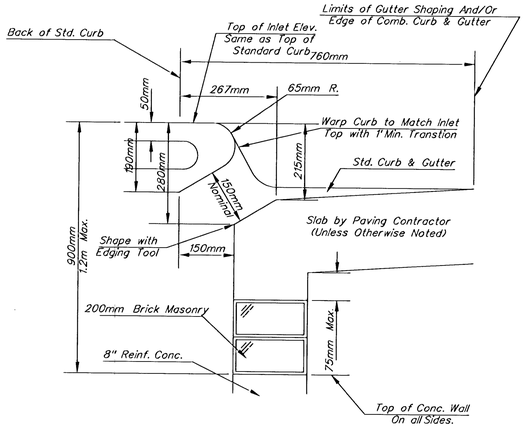
*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



BENDING DIAGRAM



SECTION C-C



SECTION B-B

STEEL SCHEDULE

BAR		a_1	a_2	a_3	b_1 W-1.320m	b_1 W-1.625m	b_1 W-1.930m	b_1 W-2.235m	b_1 W-2.540m	b_2	b_3	b_4	Wt. Kg.
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-1.320m	1.700m	2.000m	1.220m	1.855m	-	-	-	-	0.535m	1.880m	1.420m	27.46
	W-1.625m	2.310m	2.620m	1.525m	-	1.855m	-	-	-	0.535m	1.880m	1.420m	37.00
	W-1.930m	2.920m	3.225m	1.830m	-	-	1.855m	-	-	0.535m	1.880m	1.420m	46.06
	W-2.235m	3.530m	3.835m	2.135m	-	-	-	1.855m	-	0.535m	1.880m	1.420m	55.13
	W-2.540m	4.140m	4.445m	2.440m	-	-	-	-	6'-1"	0.535m	1.880m	1.420m	64.20

Note: a_3 Bars to be Placed Approx. 51mm Below Top of Inlet Cover.

STANDARD CURB INLET PRECAST TOPS					
W	PRE-CAST TOP SIZE		PIPE SIZE		Cu.M.CONC.
1.320m	1.120m	1.930m	2.290m	535mm" & SMALLER	0.290
1.625m	1.422m	1.930m	2.290m	600mm & 790mm	0.390
1.930m	1.727m	1.930m	2.290m	900mm & 1050mm	0.490
2.235m	2.032m	1.930m	2.290m	1250mm & 1375mm	0.590
2.540m	2.337m	1.930m	2.290m	1525mm & 1675mm	0.690

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-1.93m and H-2.13m or less.
3. 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.
4. The ends of all pipes installed in inlets shall be cut off flush with the inside face of the inlet wall.

THE CITY OF WICHITA

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WICHITA, KANSAS 67202
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STANDARD TYPE 1 CURB INLET

OPENING = 150mm x 1.525m

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

PROJECT NUMBER	INDEX CODE
XXX-XXXXX	XXXXXX
DATE: MAR 96	SHEET 27 OF 85

STYP1-S.DWG