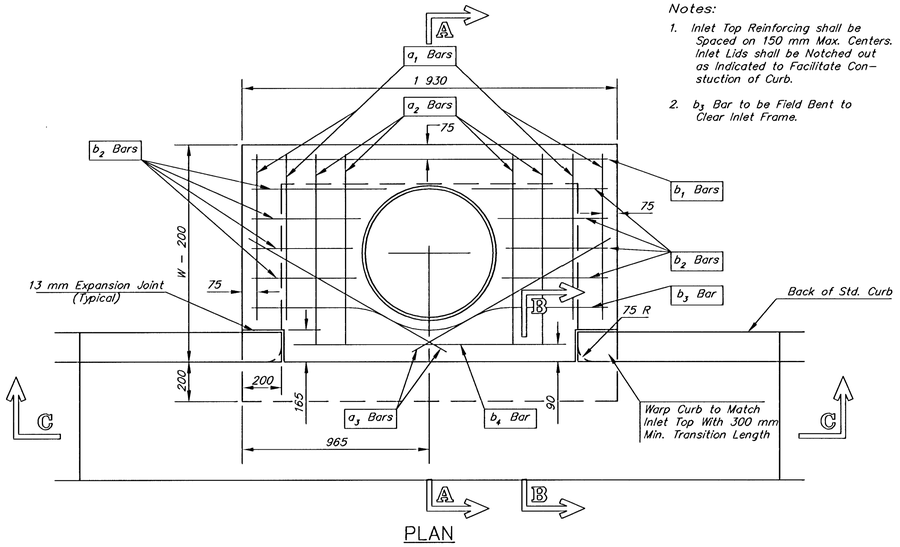
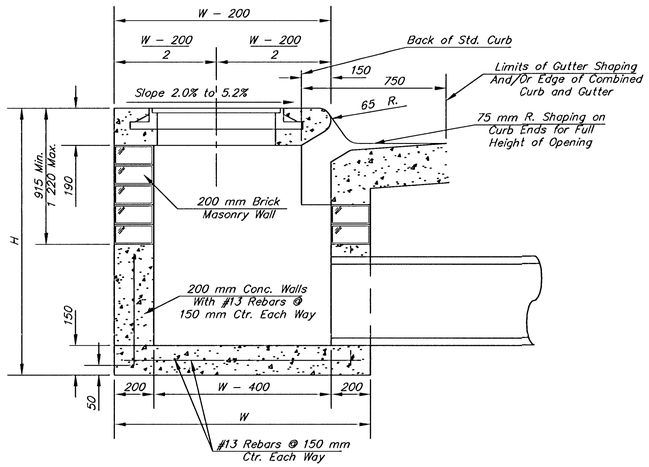


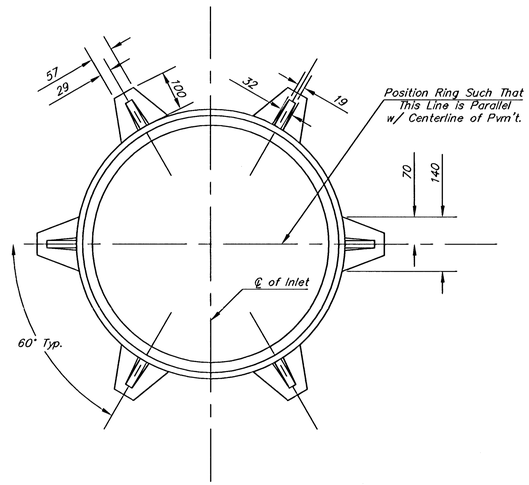
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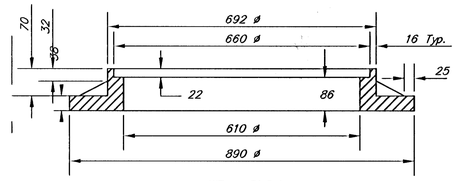
Notes:

1. Inlet Top Reinforcing shall be Spaced on 150 mm 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

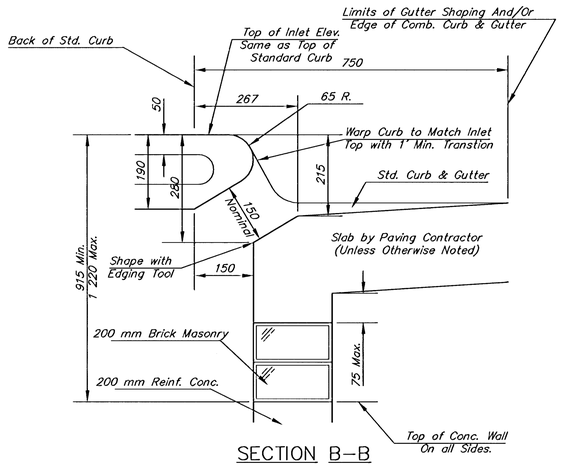




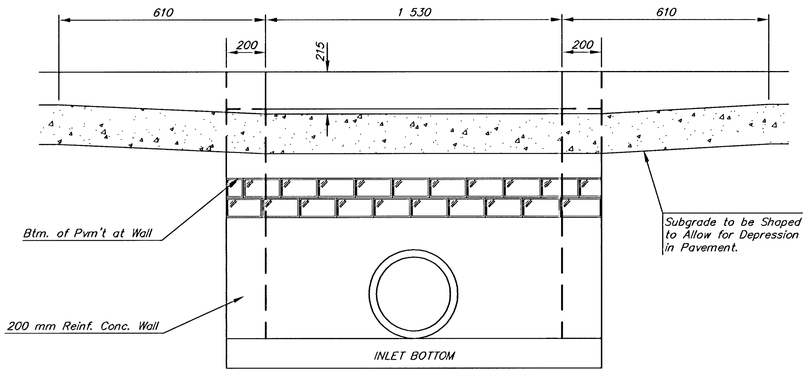
WT. = 81.6 kg

MANHOLE RING AND COVER

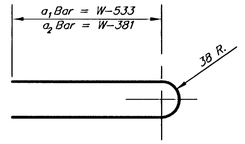
*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



SECTION B–B



SECTION C–C



BENDING DIAGRAM

STEEL SCHEDULE

BAR		a_1	a_2	a_3	b_1 W=1 320	b_1 W=1 630	b_1 W=1 930	b_1 W=2 240	b_1 W=2 540	b_2	b_3	b_4	Wt. kg
NUMBER		4	4	2	1	3	5	7	9	6	1	1	
SIZE		#13	#13	#13	#13	#13	#13	#13	#13	#13	#19	#19	
LENGTH	W=1 320	1 700	2 010	1 420	1 855	–	–	–	–	535	1 880	1 420	27±
	W=1 630	2 310	2 615	1 525	–	1 855	–	–	–	535	1 880	1 420	37±
	W=1 930	2 920	3 225	1 830	–	–	1 855	–	–	535	1 880	1 420	46±
	W=2 240	3 530	3 835	2 135	–	–	–	1 855	–	535	1 880	1 420	55±
	W=2 540	4 140	4 445	2 440	–	–	–	–	1 855	535	1 880	1 420	64±

Note: a_3 Bars to be Placed Approx. 50 mm Below Top of Inlet Cover.

STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	m3 CONC.
1 320	1 120 1 930 190	535 mm & SMALLER	0.29±
1 630	1 430 1 930 190	600 mm & 750 mm	0.39±
1 930	1 730 1 930 190	900 mm & 1 050 mm	0.49±
2 240	2 040 1 930 190	1 200 mm & 1 350 mm	0.59±
2 540	2 340 1 930 190	1 500 mm & 1 680 mm	0.69±

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 200 mm brick masonry walls between the concrete inlet base and top on this inlet when W=1 930 mm and H=2 135 mm 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.

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MKEC ENGINEERING CONSULTANTS
411 N. WEBB ROAD
WICHITA, KS. 67206
316 - 684 - 9600

NORTH HILLSIDE STREET PAVING PLANS

PROJECT NAME

STANDARD TYPE 1 CURB INLET OPENING 150 x 1 530 mm

SHEET TITLE

JRA	DPG	JRA
DESIGN BY:	DRAWN BY:	CHECKED BY:
APRIL 2003	01053	19 / 73
DATE	JOB NO.	SHEET/OF