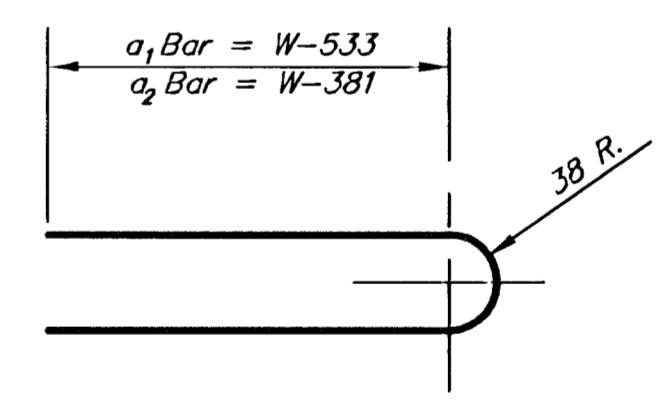


MANHOLE RING AND COVER

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



STEEL SCHEDULE

BAR	a_1	a_2	a_3	b_1					b_2	b_3	b_4	Wt. kg	
				W=1 320	W=1 630	W=1 930	W=2 240	W=2 540					
NUMBER	4	4	2	1	3	5	7	9	6	1	1		
SIZE	#13	#13	#13	#13	#13	#13	#13	#13	#13	#13	#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	m ³ 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

- 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 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.
- 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.

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NORTH HILLSIDE STREET PAVING PLANS

PROJECT NAME
STANDARD TYPE 1 CURB INLET
OPENING 150 x 1 530 mm
SHEET TITLE

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