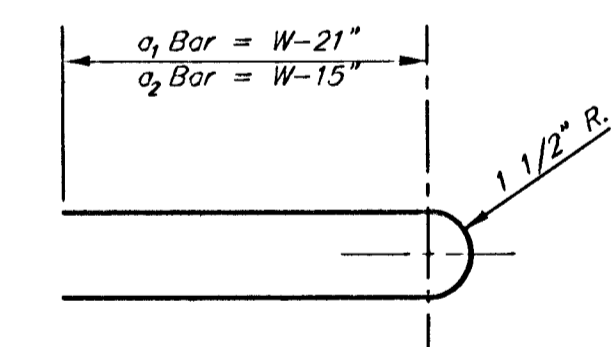


**MANHOLE RING AND COVER**

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



**STEEL SCHEDULE**

BAR	$a_1$			$b_1$					$b_2$	$b_3$	$b_4$	Wt. Lbs.
	NUMBER	SIZE	LENGTH	#4	#4	#4	#4	#4				
	4	#4		1	3	5	7	9	6	1	1	
	4	#4		1	3	5	7	9	6	1	1	
LENGTH	W=4'-4"	5'-7"	6'-7"	4'-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"	6'-1"	-	-	-	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:  $a_1$  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±

**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.

**Baughman** City of Wichita Standard Inlet IA  
**TYPE 1 CURB INLET**  
 Inlet Opening = 6' X 5'0"

Baughman Company, P.A. 315 Ellis St. Wichita, KS 67211 P 316-262-7211 F 316-262-0149  
 ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER: \_\_\_\_\_ DESIGN: C.O.W. DRAWN: \_\_\_\_\_  
 REVISIONS: \_\_\_\_\_ APPROVED: \_\_\_\_\_ DATE: 11/06  
 Revised Dec 21, 1984

SCALE: None  
 SHEET: **4 OF 12**

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Northwest Medical Office AS - Builts  
 5-7-07 - T.H./C.B.D