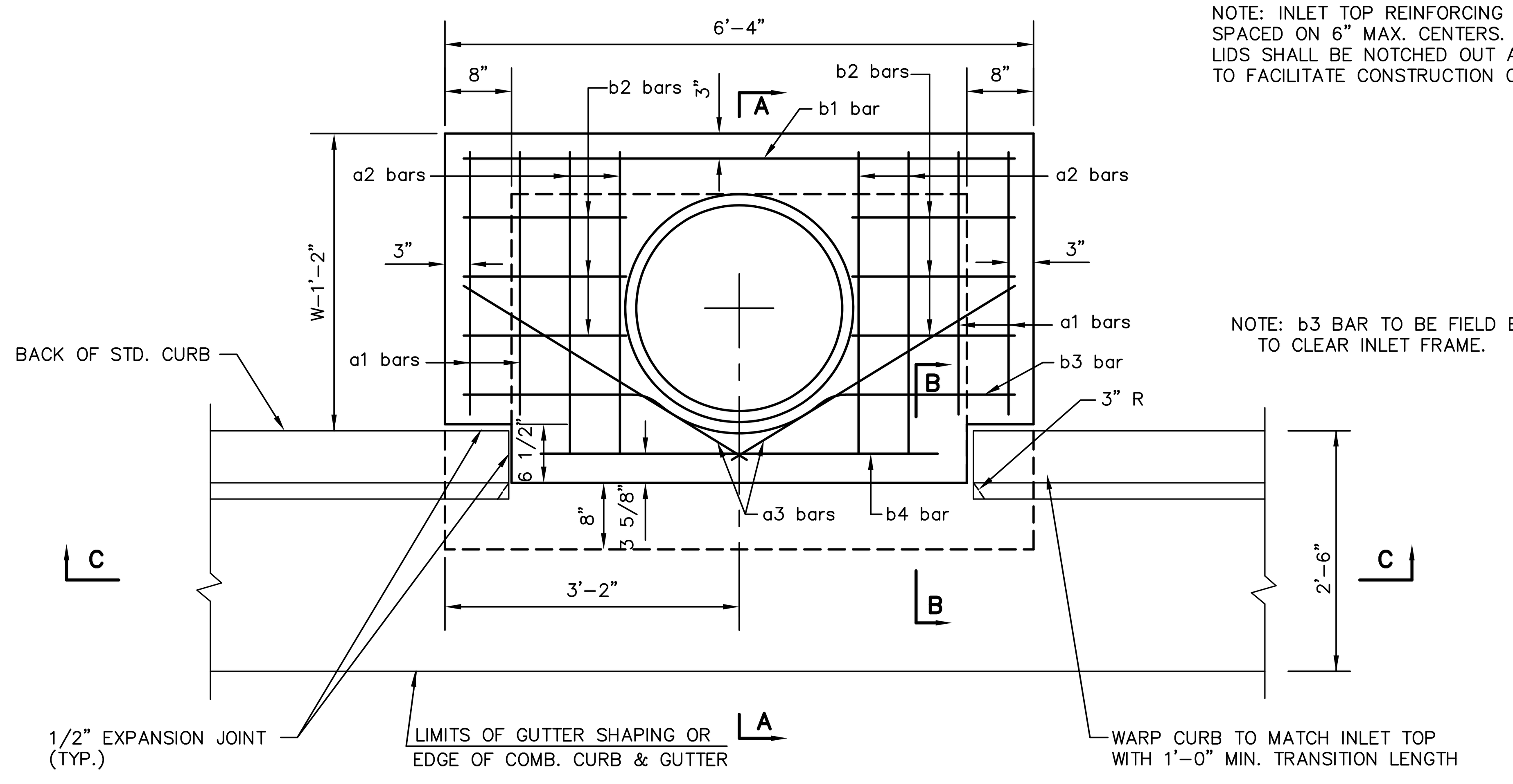
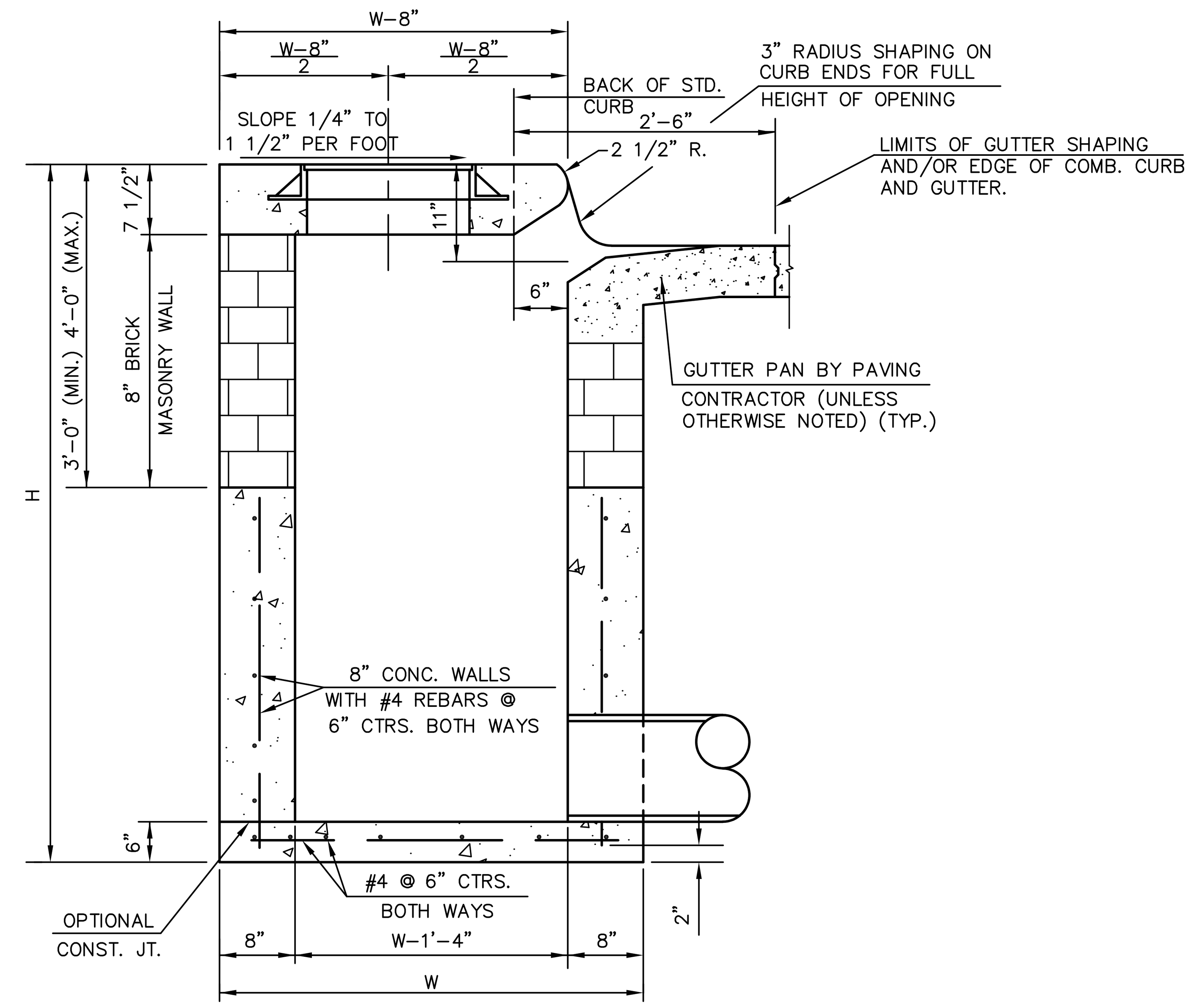


PLAN

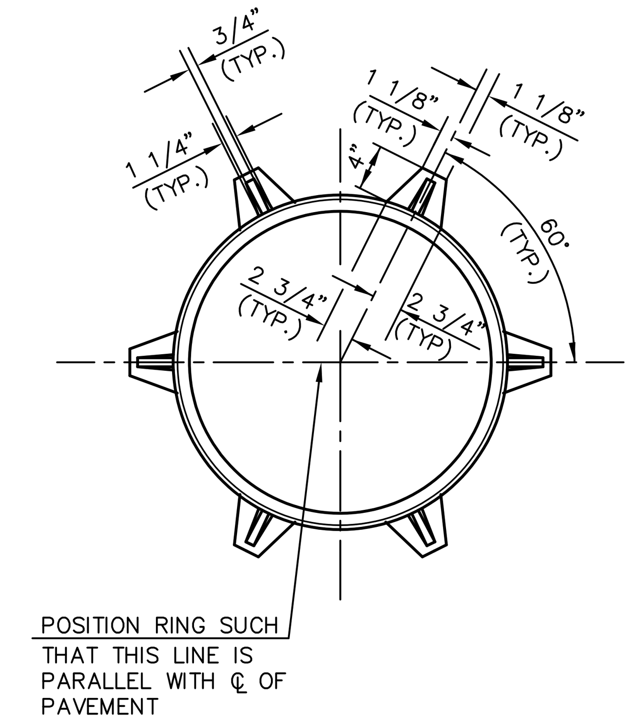
NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

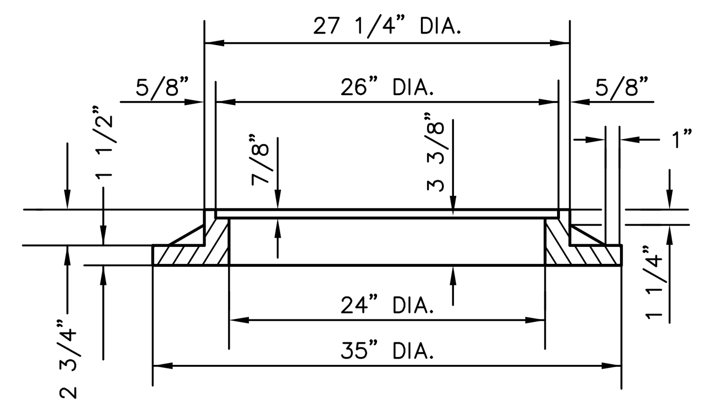
NOTE: b3 BAR TO BE FIELD BENT TO CLEAR INLET FRAME.

NOTE: 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 WITH AIR ENTRAINMENT.



SECTION A-A





INLET FRAME

WT.=180 LBS.

SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.

GENERAL NOTES

1. CONCRETE SHALL BE C.O.W. STANDARD PAVING MIX. ALL EXPOSED EDGES SHALL BE FINISHED WITH AN EDGING TOOL. REINFORCING BARS SHALL BE FIELD BENT OR CUT TO CLEAR PIPES. ALL BARS ARE #4 BARS AT 6" SPACING AND SHALL HAVE A MINIMUM CLEARANCE OF 1 1/2" UNLESS OTHERWISE NOTED. FLOORS OF INLET SHALL BE SHAPED WITH 8.0 SACKS PER CU. YD. SAND MIX CONCRETE TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF CLEANING BETWEEN ALL INLET AND/OR OUTFALL PIPE(S). THE CONTRACTOR WILL BE REQUIRED TO CONSTRUCT 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN H= 7'-0" OR LESS AND W= 6'-4" OR LESS.

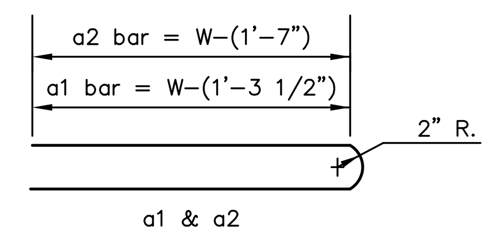
2. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

STEEL SCHEDULE

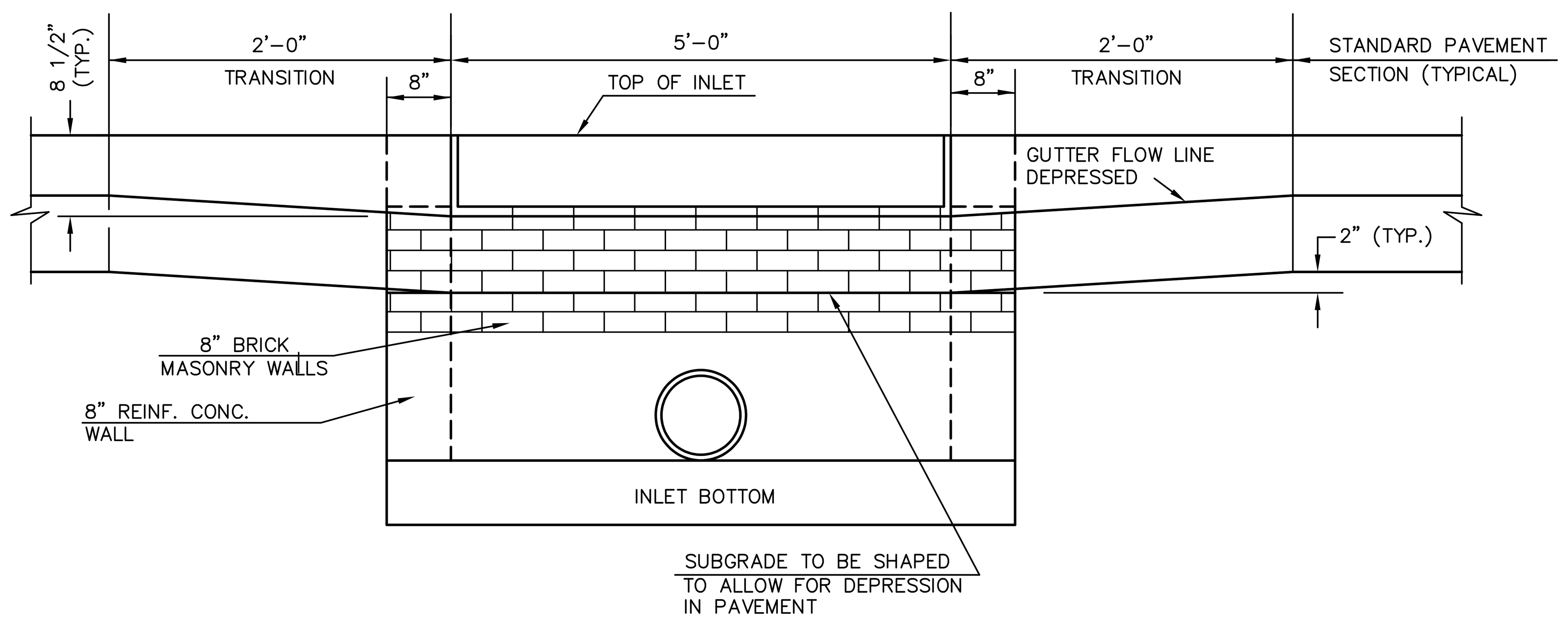
MARK	SIZE	W=4'-4" NO.	W=4'-4" LENGTH	W=5'-4" NO.	W=5'-4" LENGTH	W=6'-4" NO.	W=6'-4" LENGTH	W=7'-4" NO.	W=7'-4" LENGTH	W=8'-4" NO.	W=8'-4" LENGTH
a1	#4	4	5'-7"	4	7'-7"	4	9'-7"	4	11'-7"	4	13'-7"
a2	#4	4	6'-7"	4	8'-7"	4	10'-7"	4	12'-7"	4	14'-7"
a3	#4	2	4'-0"	2	5'-0"	2	6'-0"	2	7'-0"	2	8'-0"
b1	#4	1	6'-1"	3	6'-1"	5	6'-1"	7	6'-1"	9	6'-1"
b2	#4	6	1'-9"	6	1'-9"	6	1'-9"	6	1'-9"	6	1'-9"
b3	#4	1	6'-2"	1	6'-2"	1	6'-2"	1	6'-2"	1	6'-2"
b4	#4	6	4'-8"	6	4'-8"	6	4'-8"	6	4'-8"	6	4'-8"
WEIGHT (LBS)		±60.0		±81.0		±101.0		±121.0		±141.0	

NOTE: a3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER.

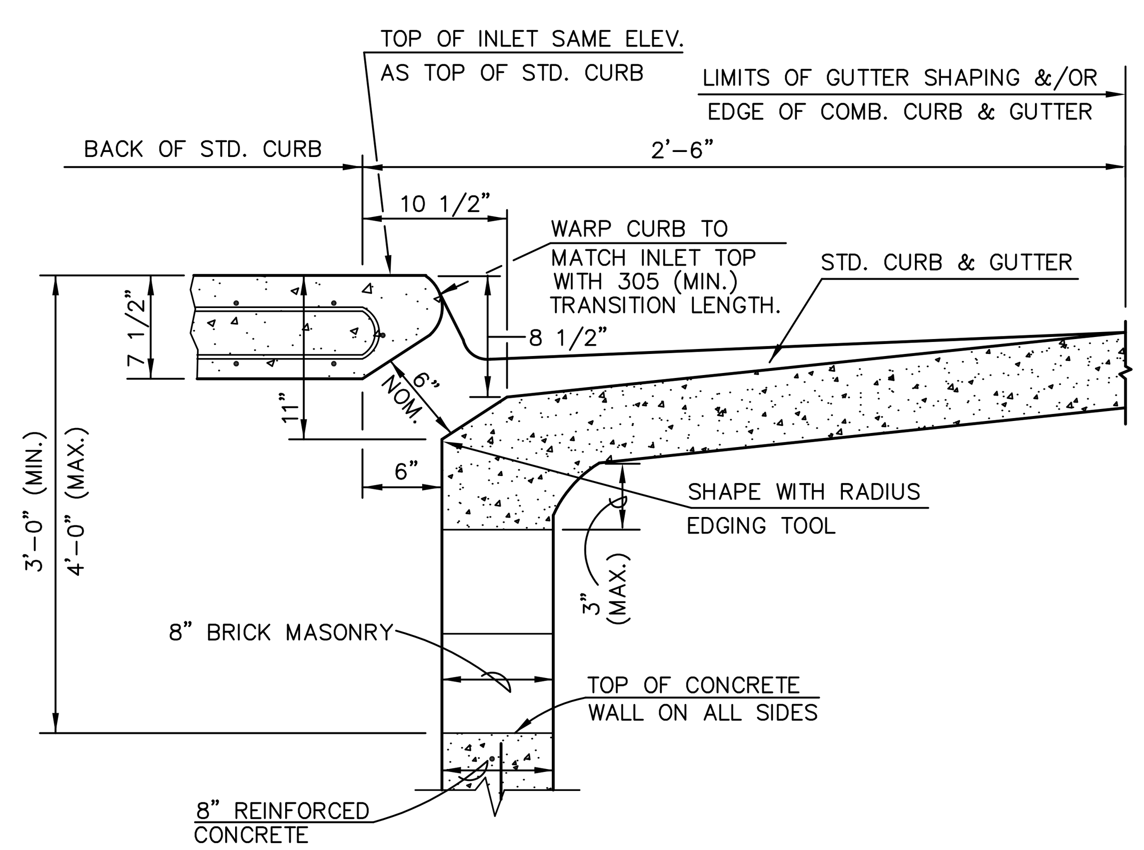
STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8"x6'-4"x7 1/2"	21" & SMALLER	± 0.38
5'-4"	4'-8"x6'-4"x7 1/2"	24" & 30"	± 0.51
6'-4"	5'-8"x6'-4"x7 1/2"	36" & 42"	± 0.64
7'-4"	6'-8"x6'-4"x7 1/2"	48" & 54"	± 0.77
8'-4"	7'-8"x6'-4"x7 1/2"	60" & 66"	± 0.90



BENDING DIAGRAM



SECTION C-C



SECTION B-B

CITY OF WICHITA
PUBLIC WORKS
ENGINEERING
CITY ENGINEER'S OFFICE
CITY HALL – SEVENTH FLOOR
455 NORTH MAIN STREET
WICHITA, KANSAS 67202-1620
(316) 268-4501
(316) 268-4114 FAX

STANDARD TYPE 1 CURB INLET

OPENING = 6" x 5'-0"

JIM ARMOUR, P.E. – CITY ENGINEER

PROJECT NUMBER	INDEX CODE
472-84289	706-946

DATE MAR 96 | SHEET 51 OF 133

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