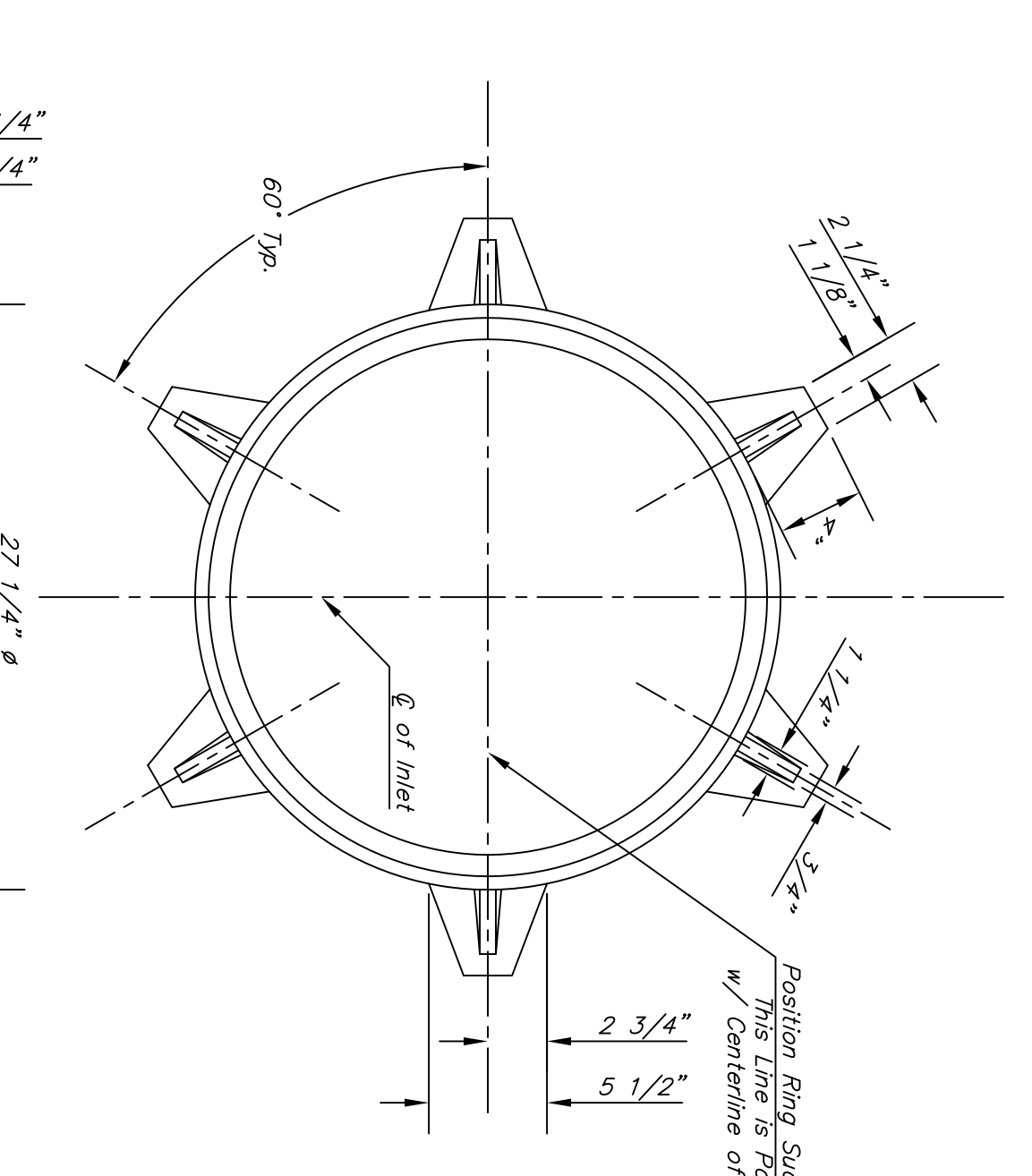
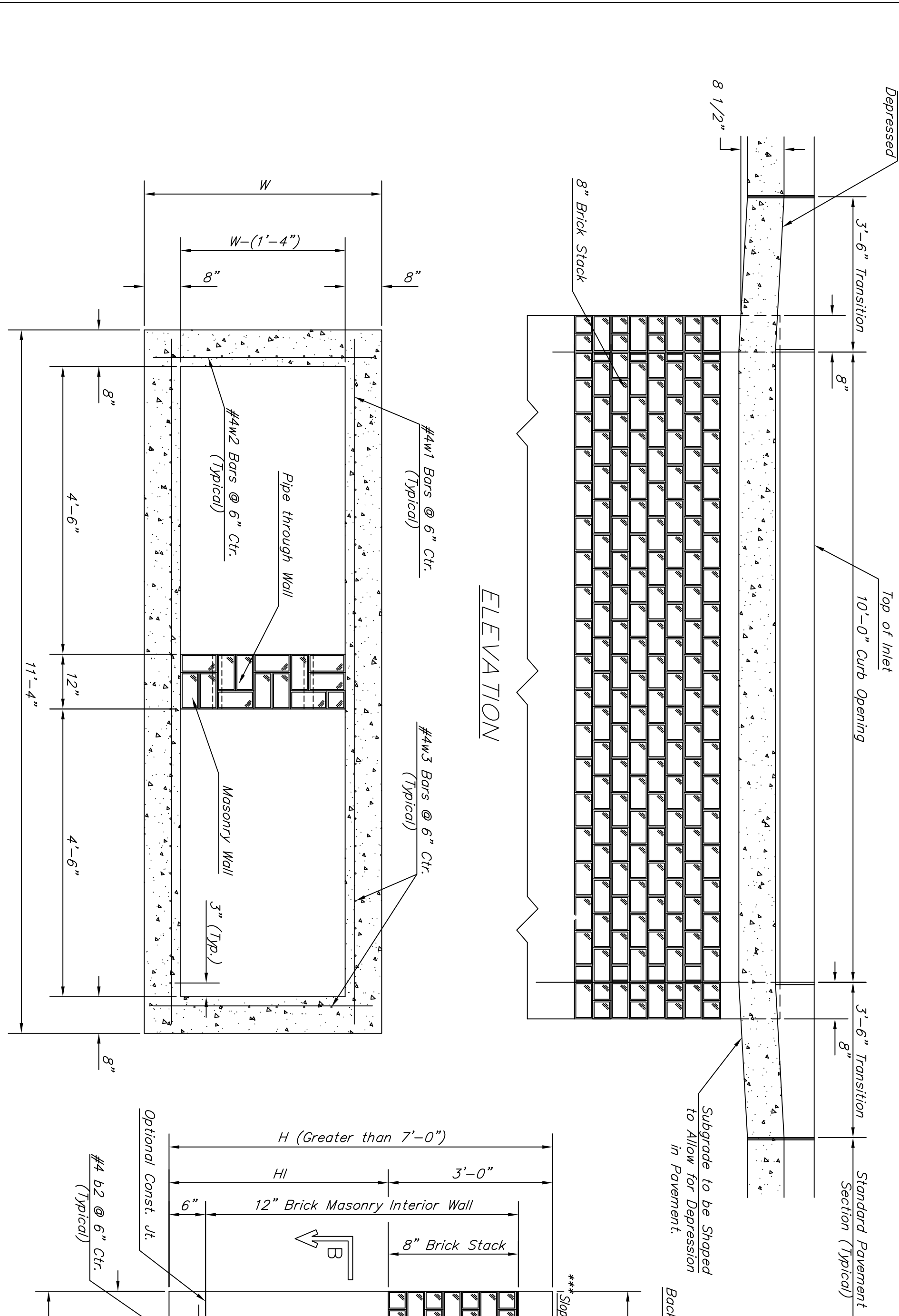


PLAN  
\*Left Side Shown Without Slab Reinforcing,  
Right Side Shown With Slab Reinforcing.

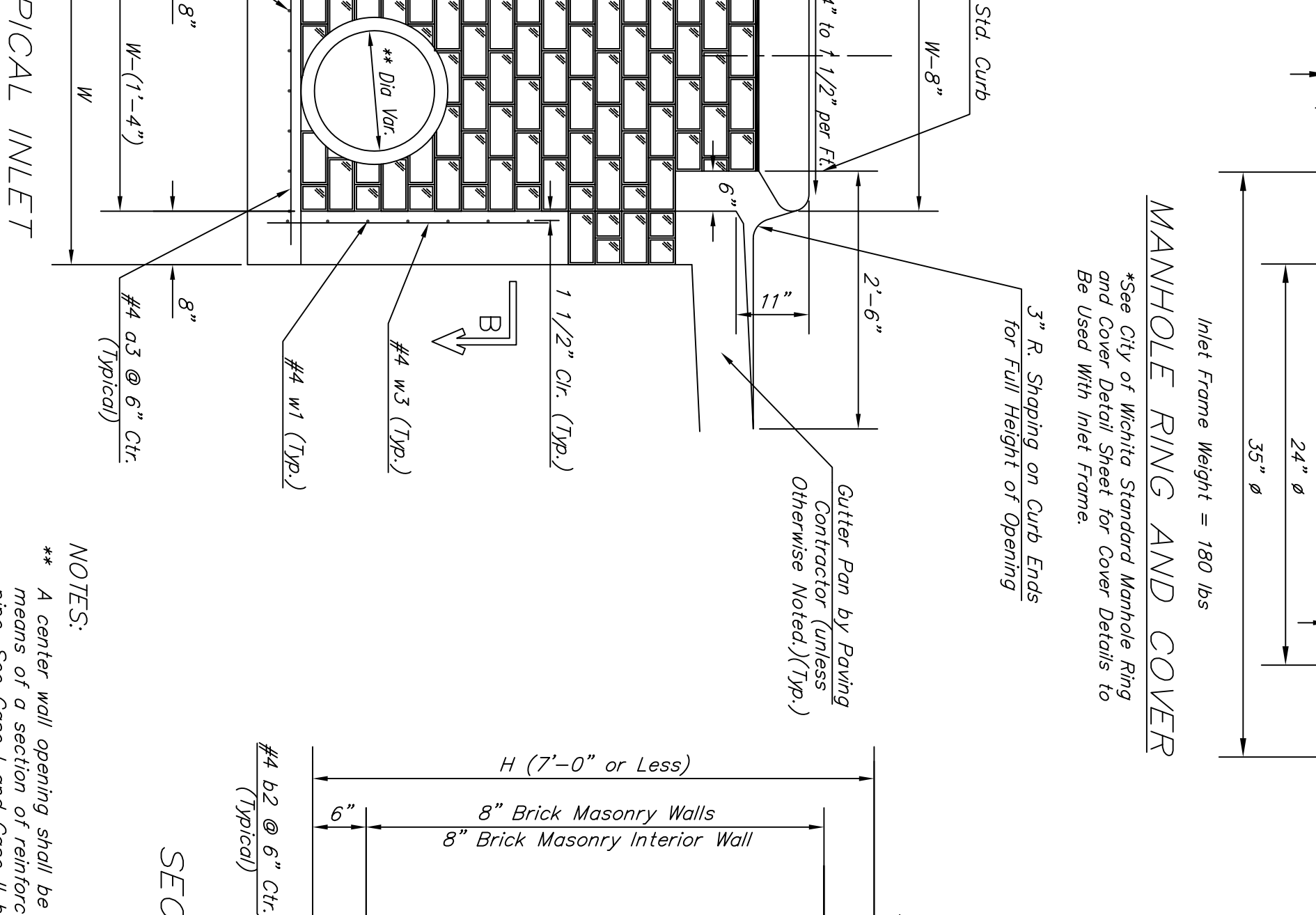


MANHOLE RING AND COVER  
\*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used with Inlet Frame.  
Inlet Frame Weight = 180 lbs

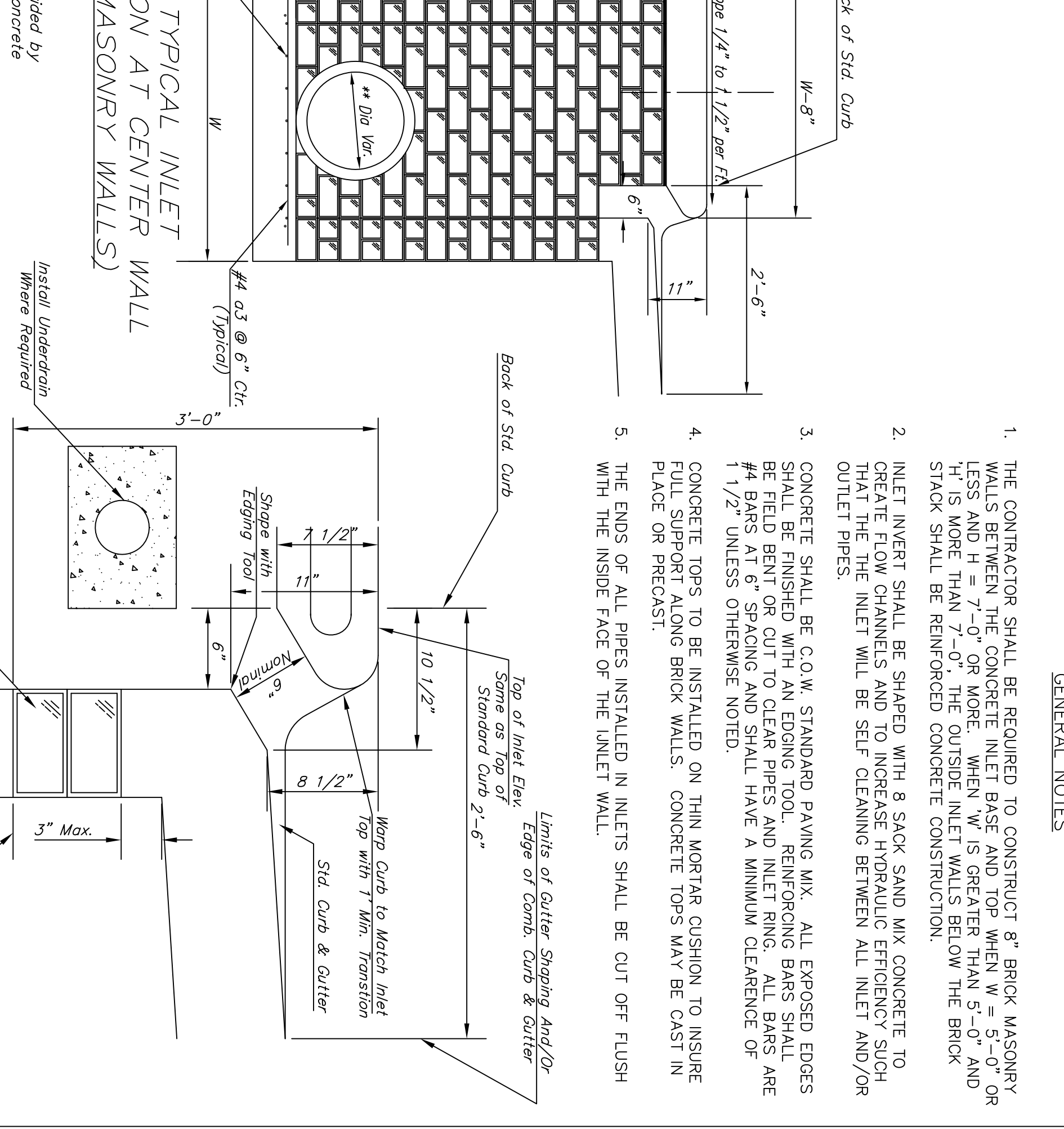


ELEVATION

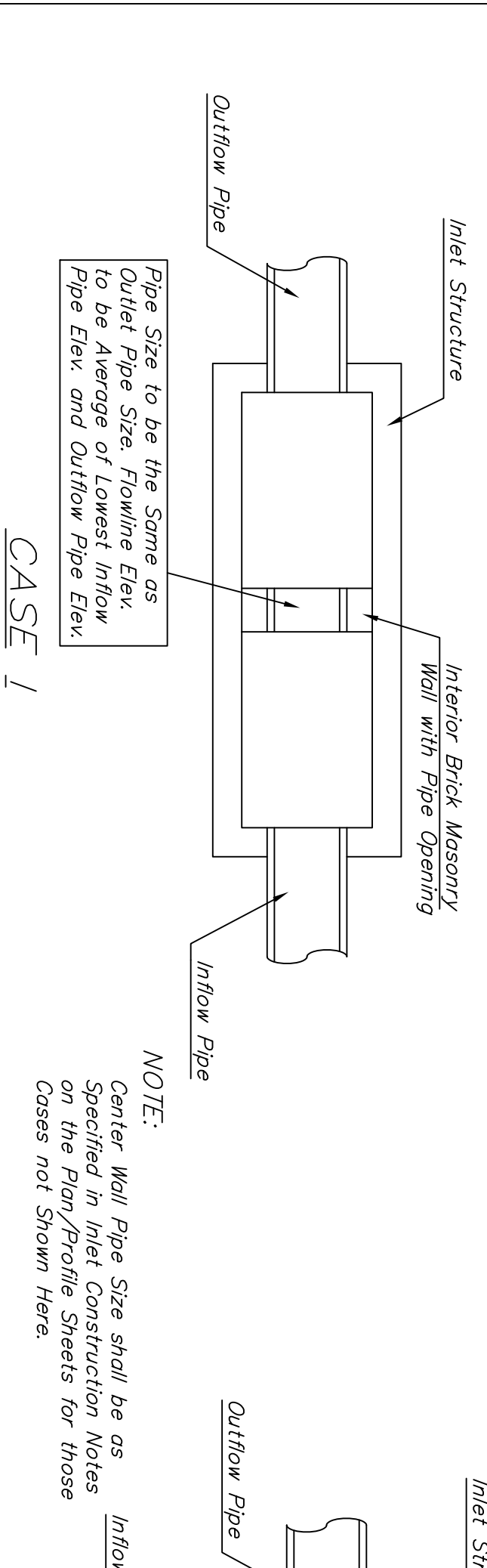
SECTION B-B



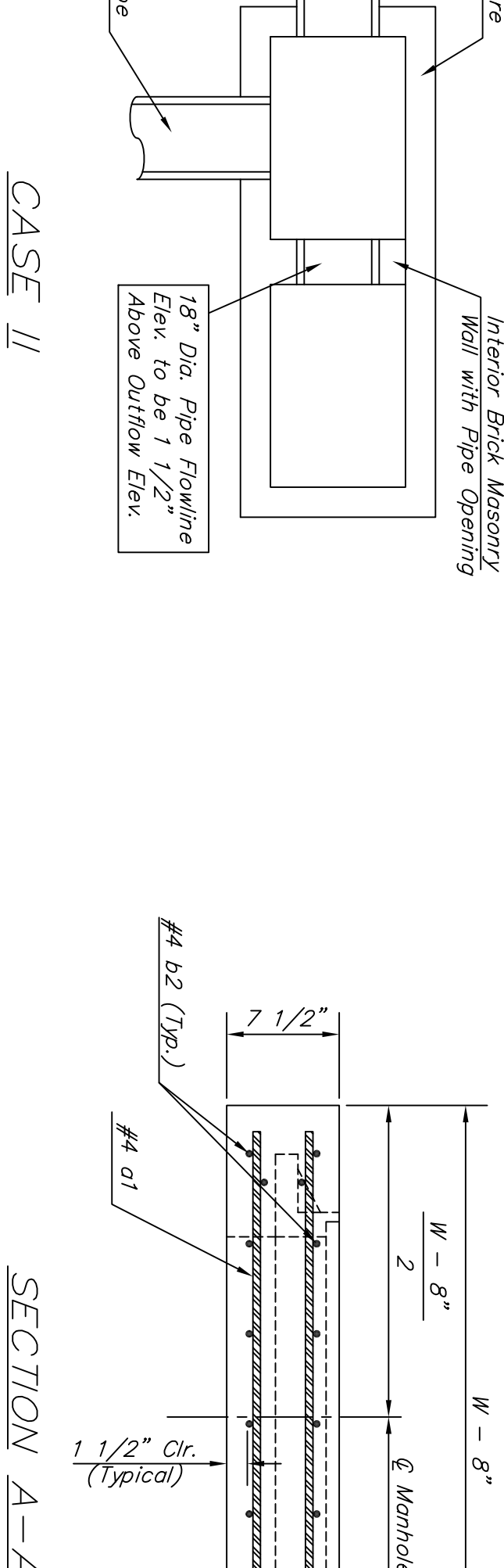
TYPICAL INLET SECTION AT CENTER WALL (REINFORCED CONCRETE WALLS)



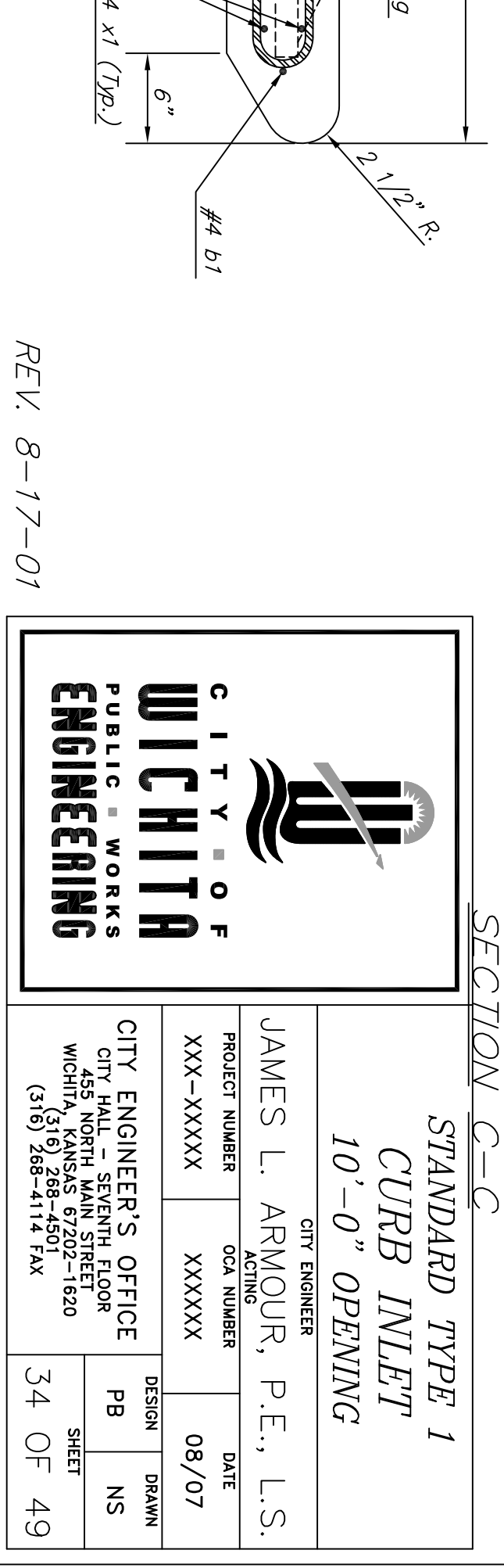
TYPICAL INLET SECTION AT CENTER WALL (MASONRY WALLS)



CASE I



CASE II



SECTION C-C  
STANDARD TYPE 1 CURB INLET 10'-0" OPENING

PRECAST SLAB AND FLOOR REINFORCING

MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
W1	#4	13	6'-2"	13	8'-2"	13	10'-2"	13	12'-2"	13	14'-2"
W2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
W3	#4	23	4'-1"	23	5'-1"	23	6'-1"	23	7'-1"	23	8'-1"
W4	#4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
W5	#4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"	47	11'-1"
W6	#4	16	3'-10"	16	4'-2"	16	4'-6"	16	4'-10"	16	5'-2"

WALL REINFORCING

MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
W7	#4	13	6'-2"	13	8'-2"	13	10'-2"	13	12'-2"	13	14'-2"
W8	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
W9	#4	23	4'-1"	23	5'-1"	23	6'-1"	23	7'-1"	23	8'-1"
W10	#4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
W11	#4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"	47	11'-1"
W12	#4	16	3'-10"	16	4'-2"	16	4'-6"	16	4'-10"	16	5'-2"

STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
3'-0"	3'-8" x 11'-4" x 7 1/2"	21" & SMALLER	0.834
4'-0"	4'-8" x 11'-4" x 7 1/2"	24" & 30"	1.084
5'-0"	5'-8" x 11'-4" x 7 1/2"	36" & 42"	1.584
6'-0"	6'-8" x 11'-4" x 7 1/2"	48" & 54"	1.874
7'-0"	7'-8" x 11'-4" x 7 1/2"	60" & 66"	1.874

BENDING DIAGRAM

GENERAL NOTES

1. THE CONTRACTOR SHALL BE REQUIRED TO CONSTRUCT 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP WHEN W = 5'-0" OR LESS AND H = 7'-0" OR MORE. WHEN W IS GREATER THAN 5'-0" AND H IS MORE THAN 7'-0", THE OUTSIDE INLET WALLS BELOW THE BRICK STACK SHALL BE REINFORCED CONCRETE CONSTRUCTION.
2. 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.
3. 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 AND INLET RING. ALL BARS ARE #4 BARS AT 6" SPACING AND SHALL HAVE A MINIMUM CLEARANCE OF 1 1/2" UNLESS OTHERWISE NOTED.
4. 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.
5. THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

REV. 8-17-01

**CITY OF WICHITA PUBLIC WORKS ENGINEERING**

**JAMES L. ARMOUR, P.E., L.S.**  
CITY ENGINEER

PROJECT NUMBER: XXX-XXXXX  
DATE: 08/07

CITY ENGINEER'S OFFICE  
CITY HALL - SEVENTH FLOOR  
455 NORTH MAIN STREET  
WICHITA, KS 67202  
(316) 268-4501  
(316) 268-4114 FAX

DESIGN: PB  
SHEET: 34 OF 49