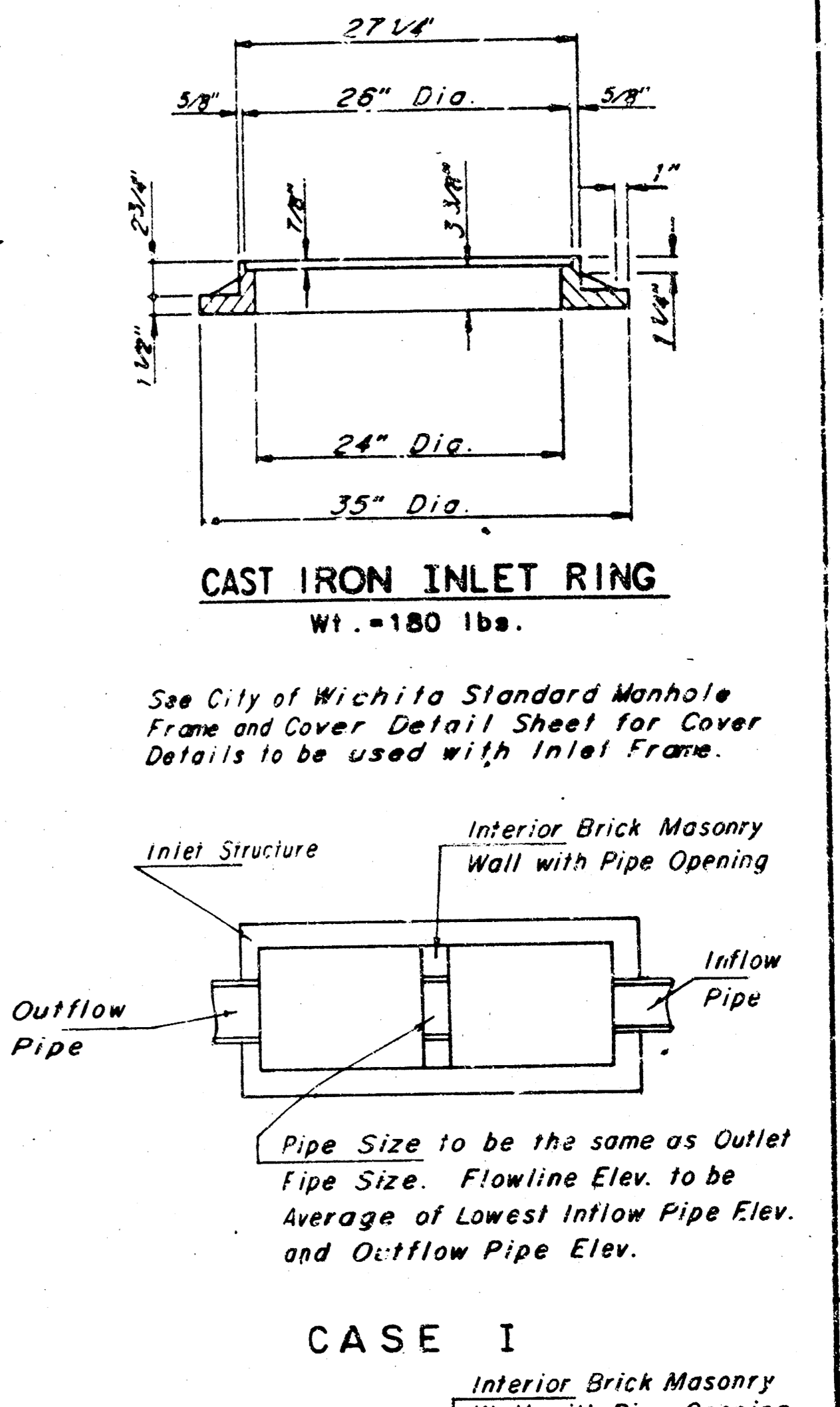
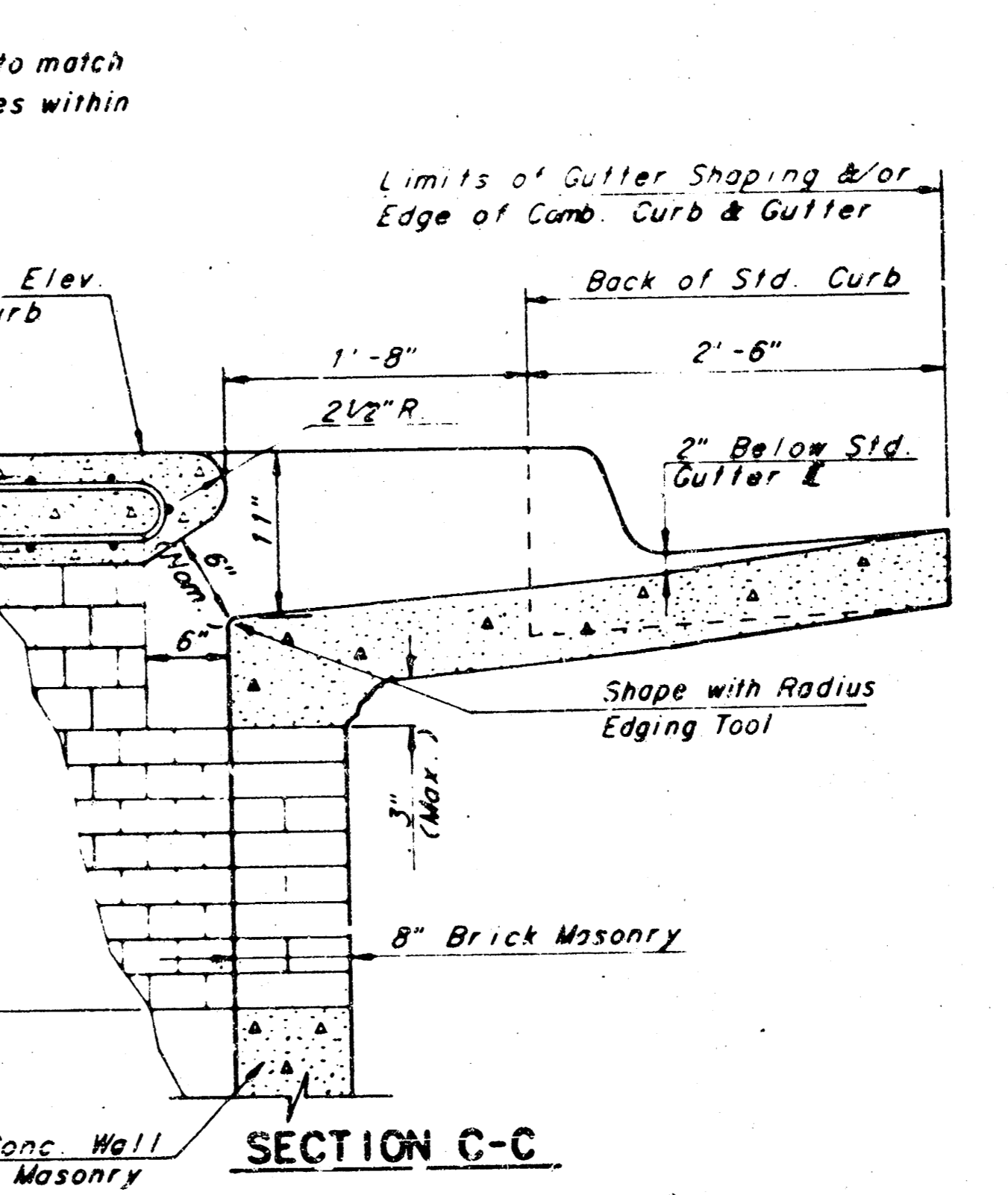
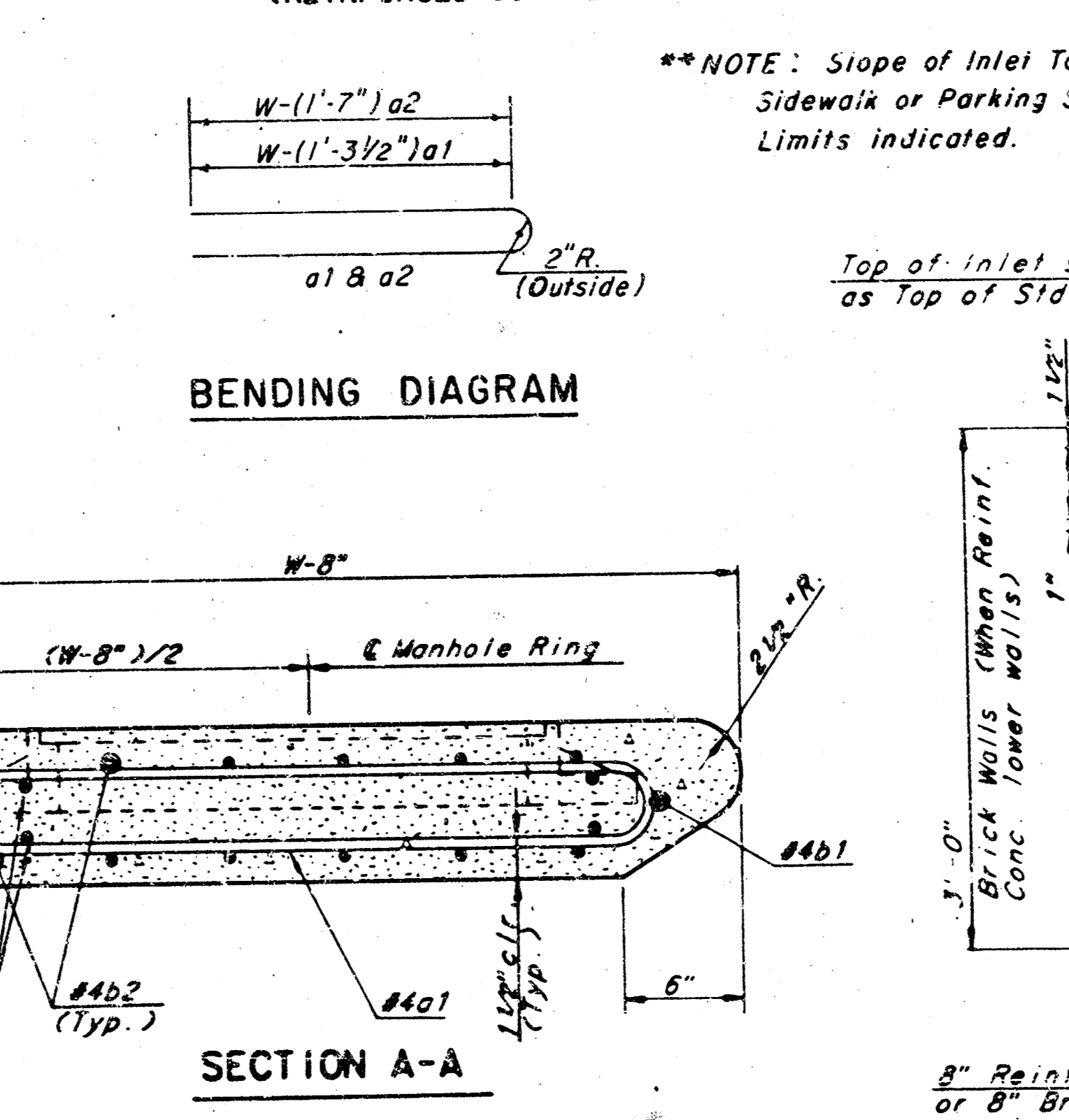
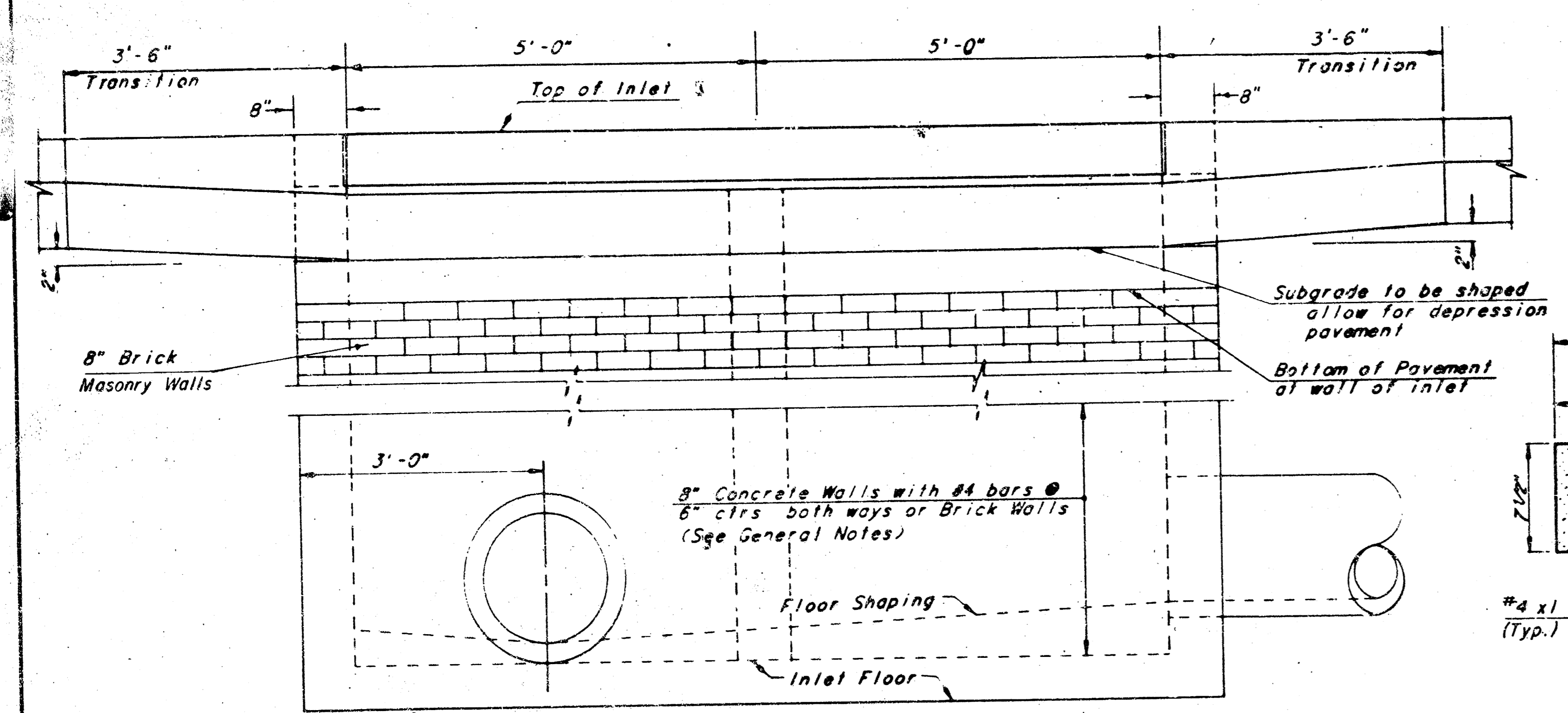
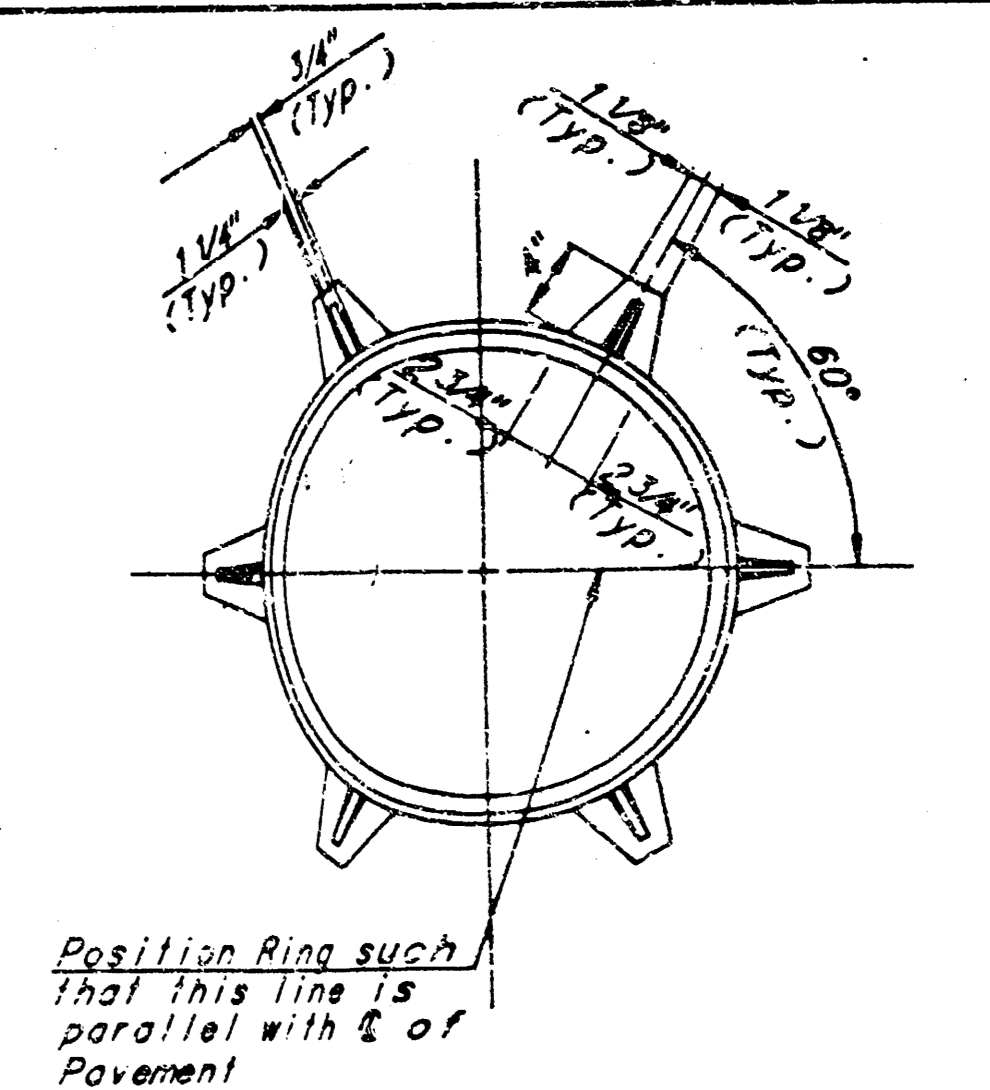
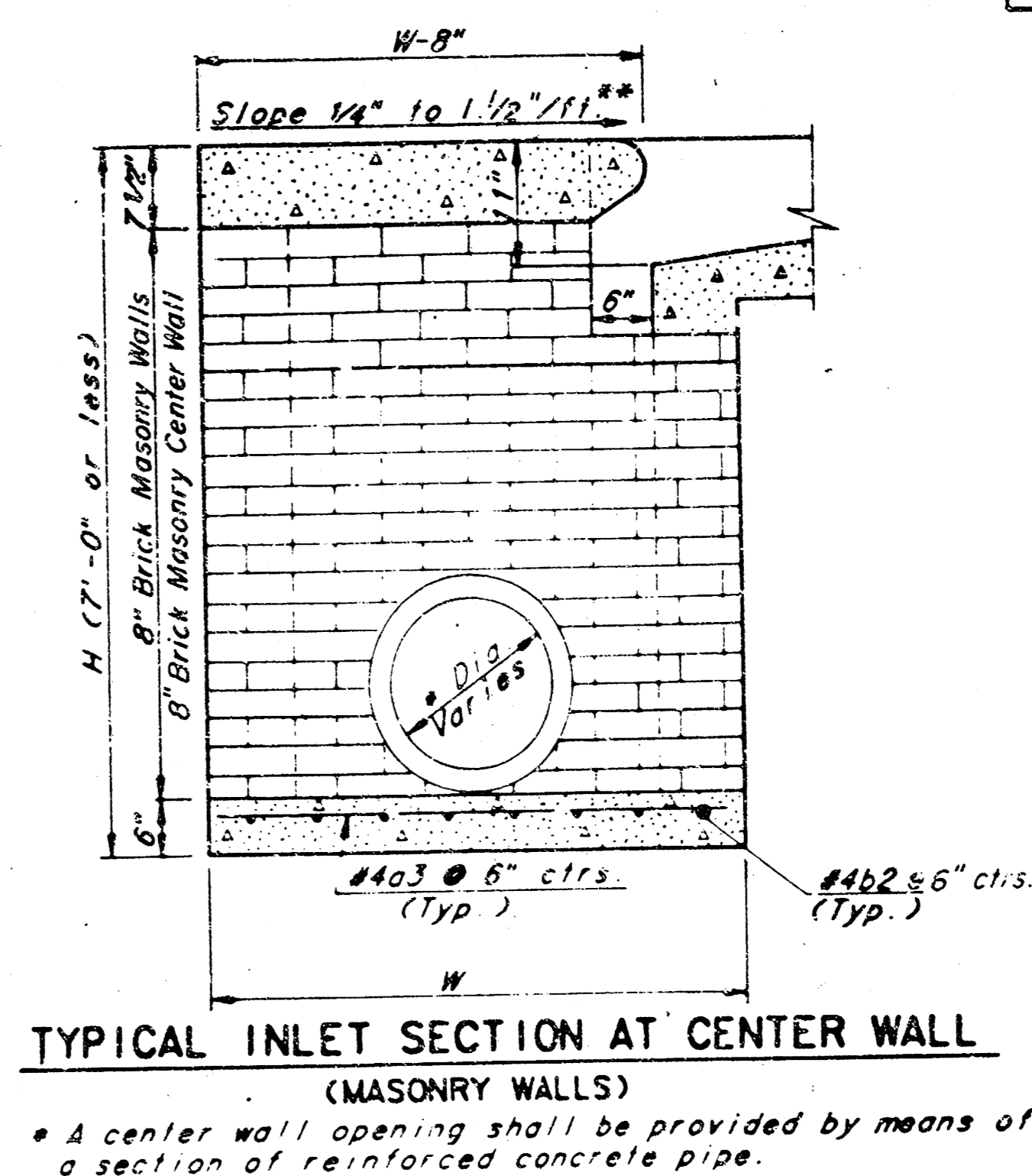
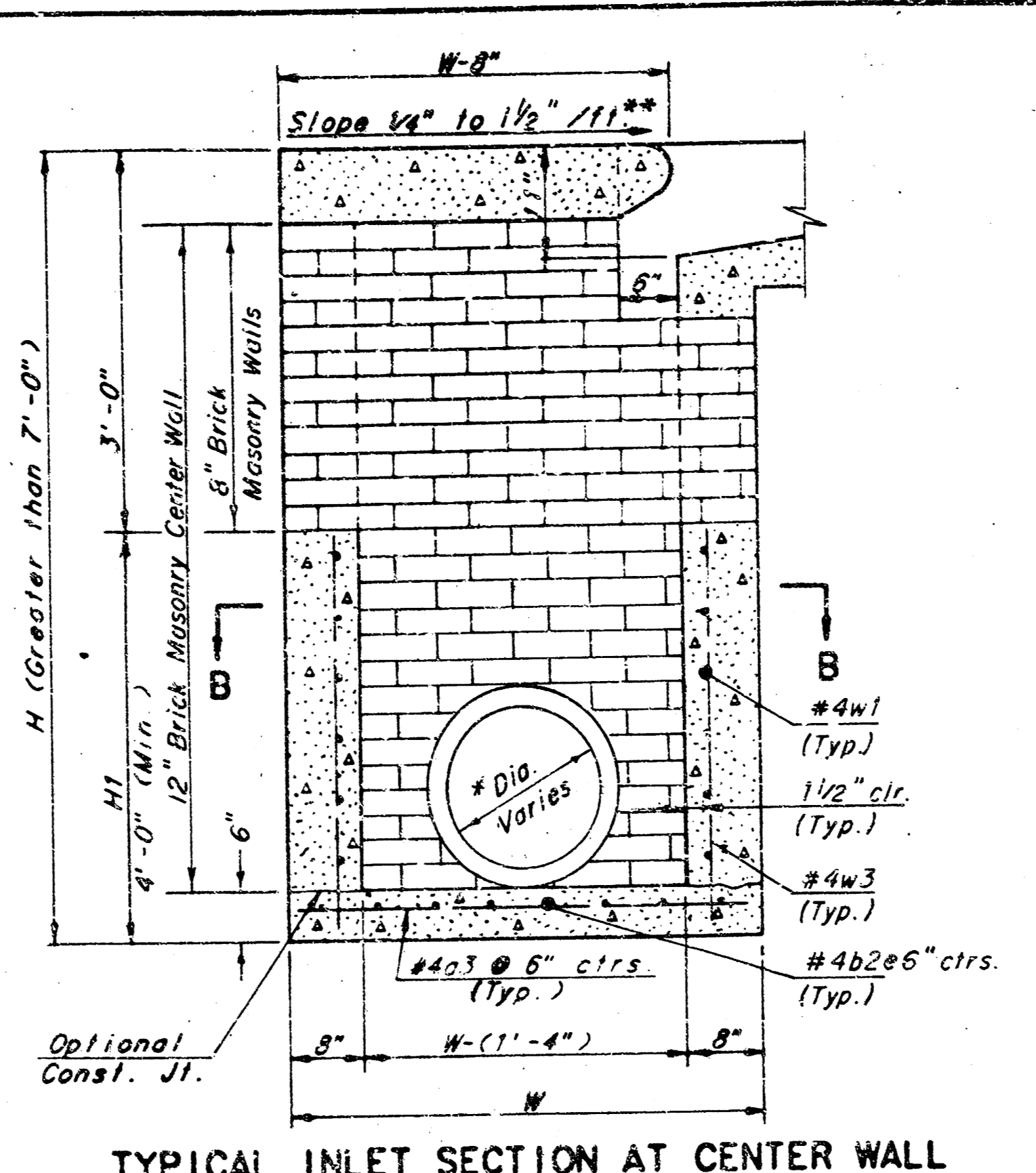
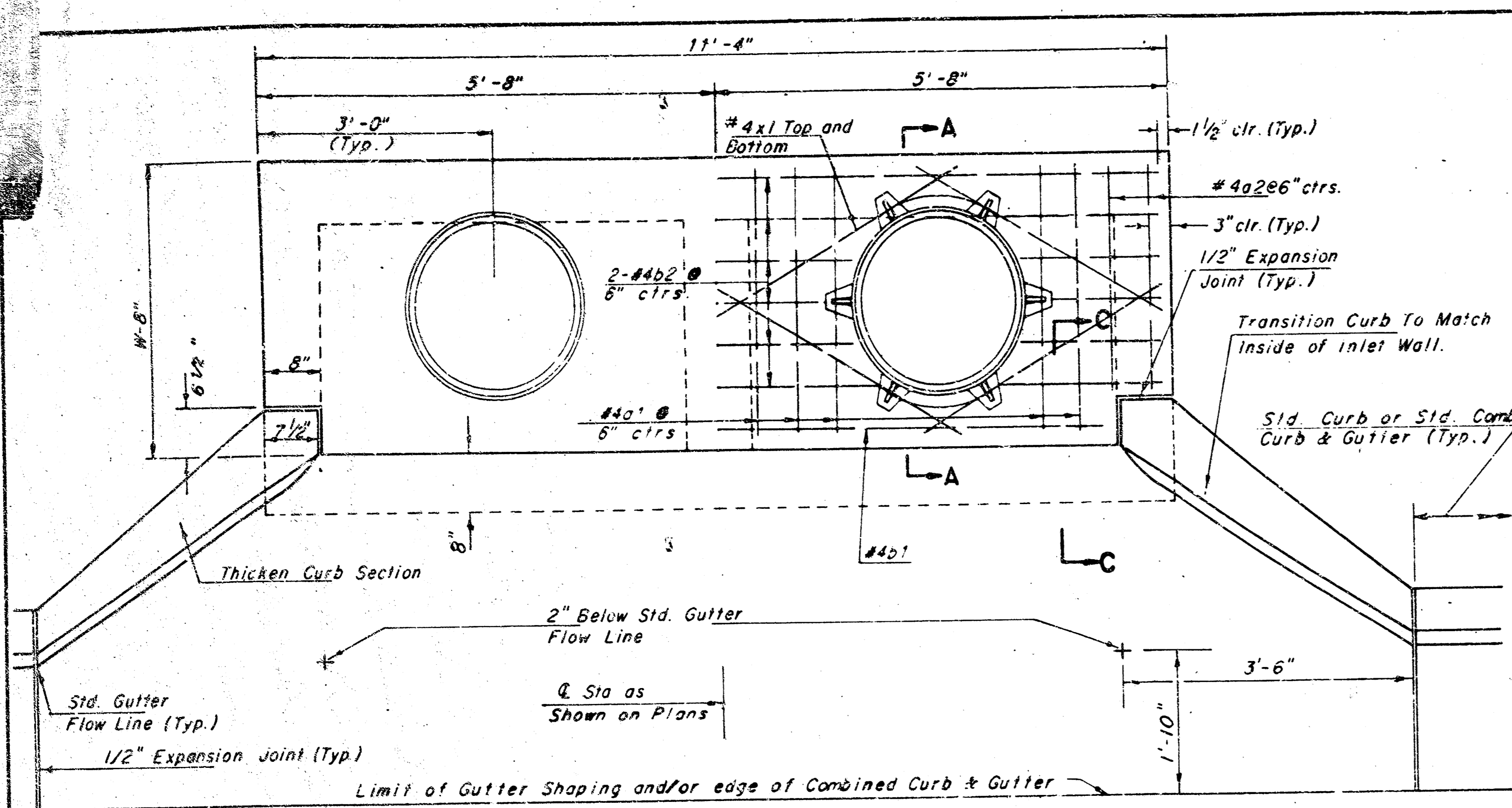


" AS-BUILT "

STORM SEWER KEY MAP	
MOEHRING & ASSOCIATES CONSULTING ENGINEERS - SURVEYORS 433 S. HYDRAULIC WICHITA, KS. (316) 263-8291	
PRIVATE PROJ. NO. 647PPS / INDEX NO. 607861	
DATE: JULY 1996	SHEET 2



- GENERAL NOTES**
- THE CONTRACTOR SHALL BE REQUIRED TO CONSTRUCT 8" BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN W=6'-4" OR LESS AND W=7'-0" OR LESS. WHEN W IS GREATER THAN 6'-4" AND W IS LESS THAN 7'-0", THE OUTSIDE INLET WALLS BELOW THE BRICK STACK SHALL BE REINFORCED CONCRETE CONSTRUCTION AND THE CENTER WALL SHALL BE OF MASONRY CONSTRUCTION AS SHOWN FOR THE MASONRY WALL OPTION.
 - 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.
 - 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.
 - INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB BARS IN INLET TOP TO BE FIELD BENT OR CUT TO CLEAR MANHOLE RING.
 - THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

SLAB AND FLOOR REINFORCING

MARK	SIZE	W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	13	6'-7"	13	8'-7"	13	10'-7"	13	12'-7"	13	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	23	4'-1"	23	5'-1"	23	6'-1"	23	7'-1"	23	8'-1"
b1	#4	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"	1	9'-9"
b2	#4	23	11'-1"	29	11'-1"	35	11'-1"	41	11'-1"	47	11'-1"
x1	#4	16	3'-10"	16	4'-2"	16	4'-6"	16	4'-10"	16	5'-2"

WALL REINFORCING

MARK	SIZE	W=4'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	①	11'-1"	①	11'-1"	①	11'-1"	①	11'-1"	①	11'-1"
w2	#4	①	4'-1"	①	5'-1"	①	6'-1"	①	7'-1"	①	8'-1"
w3	#4	52	②	56	②	60	②	64	②	68	②

* Field bend or cut Reinforcing as required for clearance
 ① (H1-12") (H1-12") Rounded down to nearest 0.5'

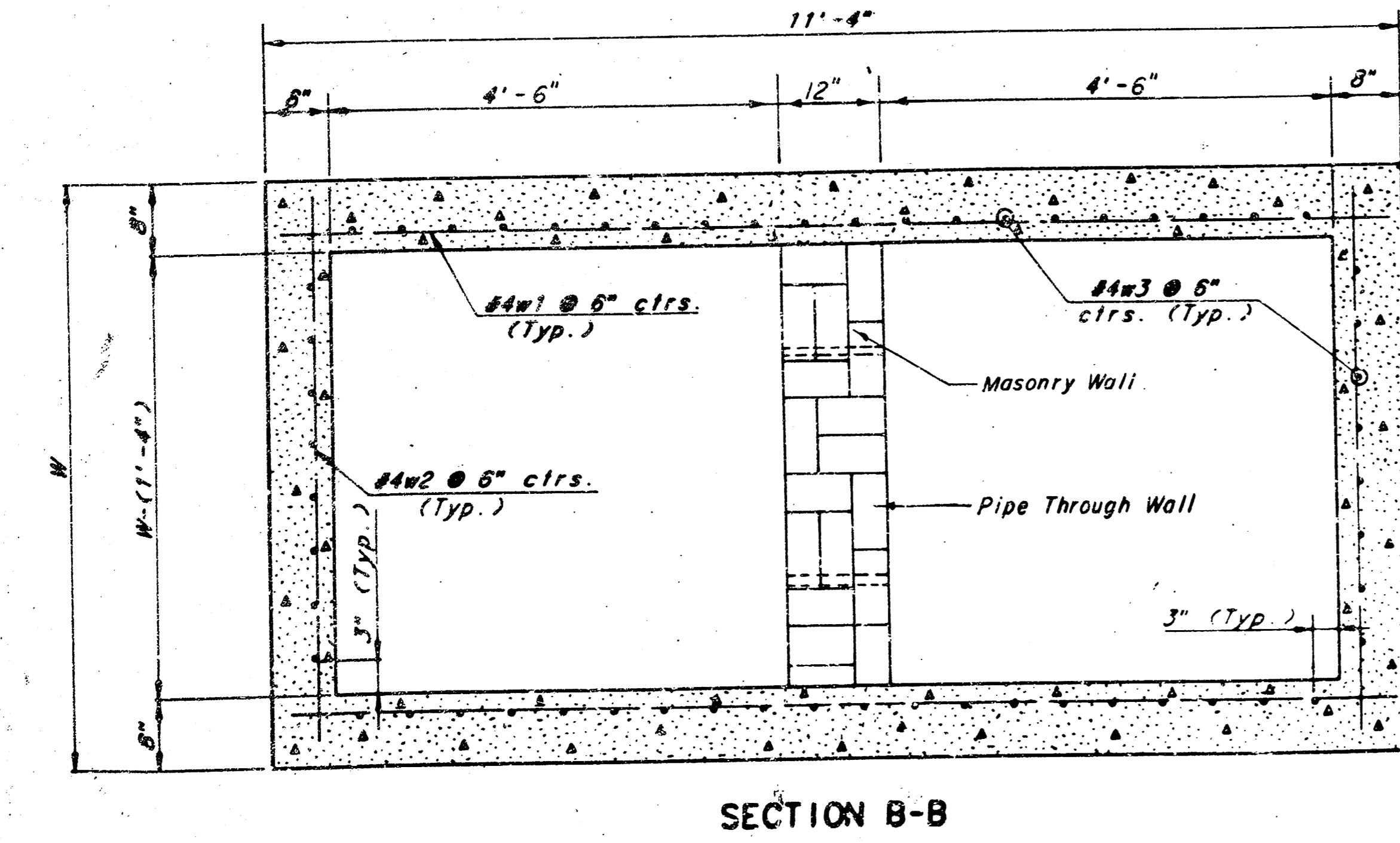
STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	SIDE OR INTERIOR WALL PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" x 11'-4" x 7 1/2"	21" B SMALLER	0.83 ±
5'-4"	4'-8" x 11'-4" x 7 1/2"	24" B 30"	1.09 ±
6'-4"	5'-8" x 11'-4" x 7 1/2"	36" B 42"	1.35 ±
7'-4"	6'-8" x 11'-4" x 7 1/2"	48" B 54"	1.61 ±
8'-4"	7'-8" x 11'-4" x 7 1/2"	60" B 66"	1.87 ±

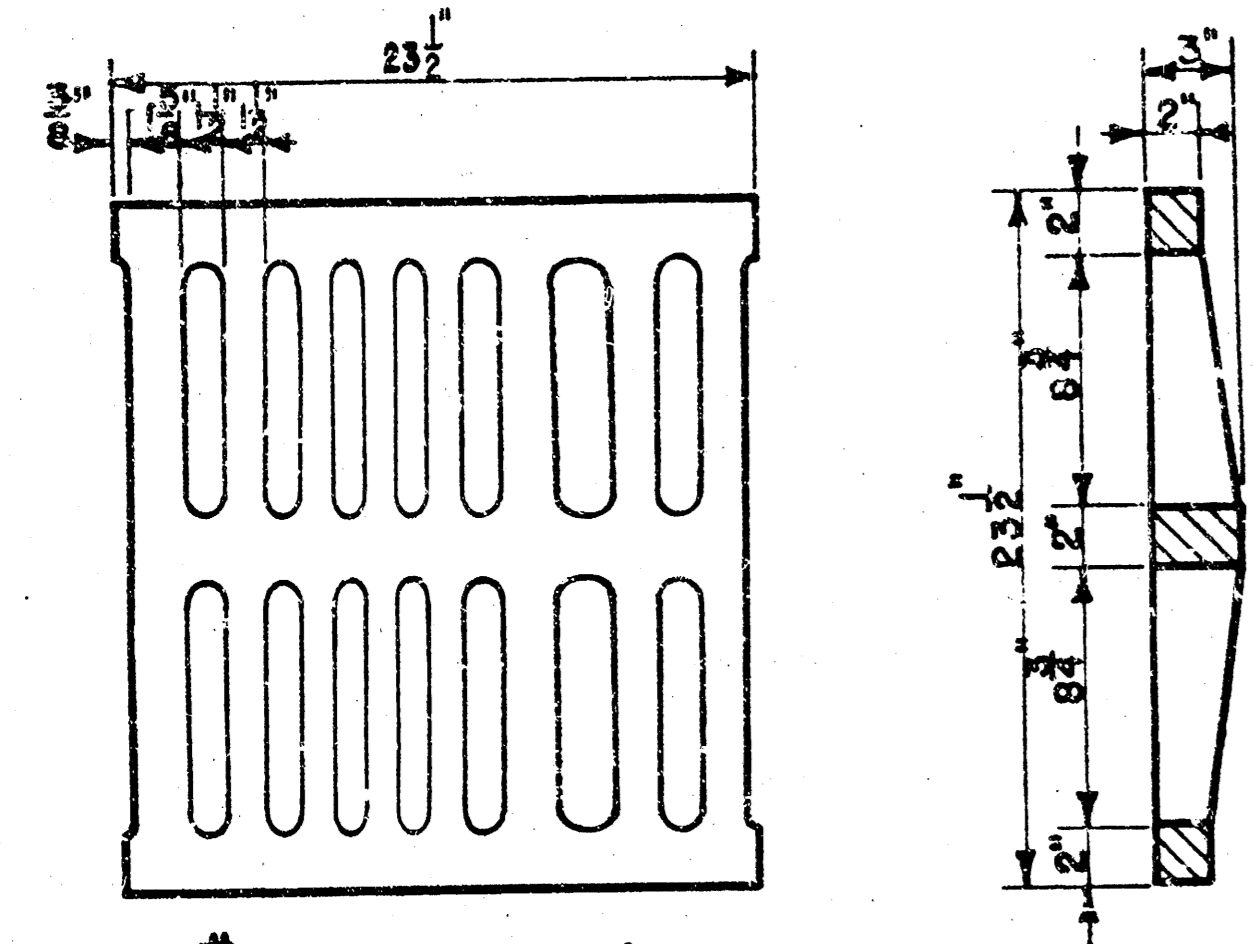
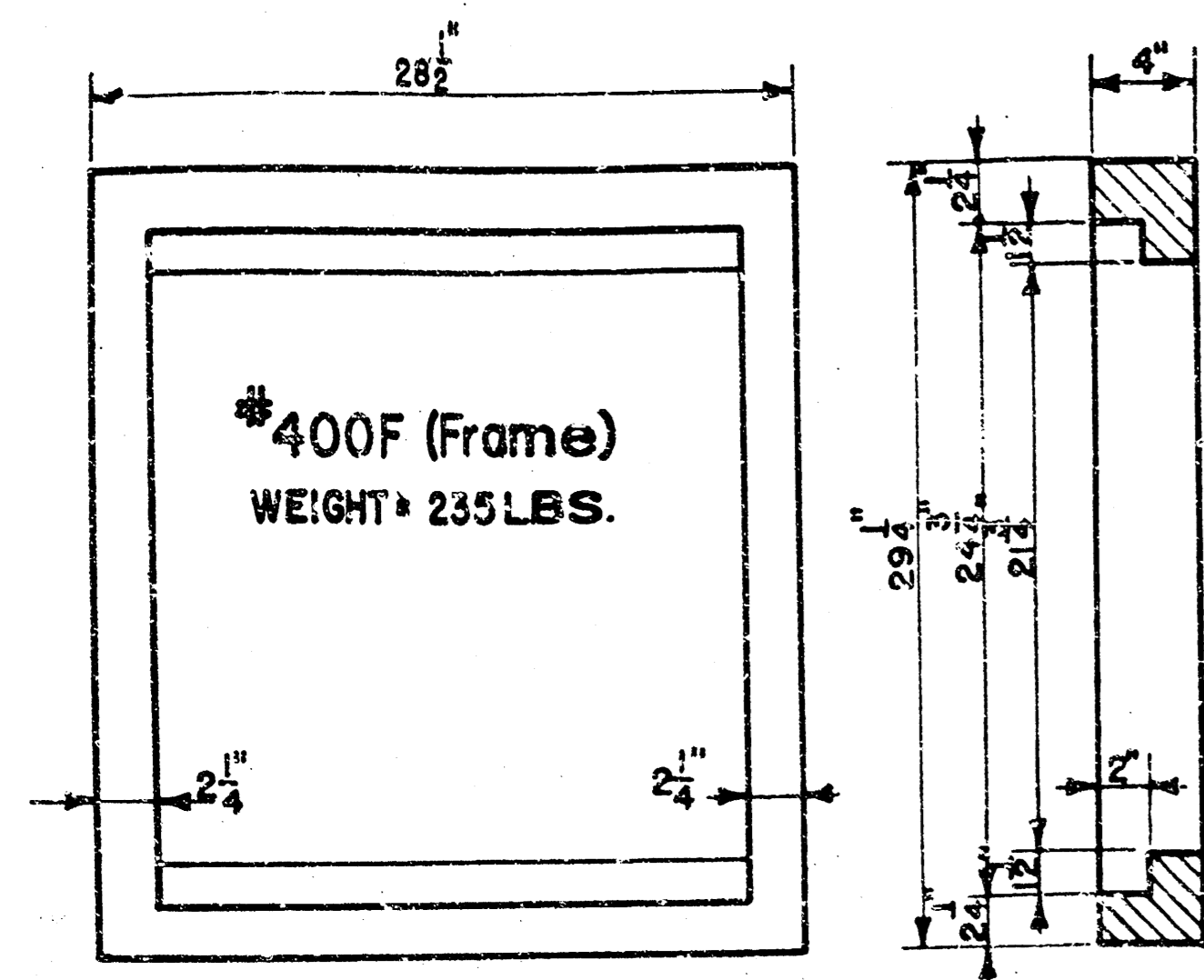
STANDARD TYPE 1A CURB INLET
 INLET OPENING = 6" x 10'-0"

SHEET 3 OF 5
 WICHITA, KANSAS

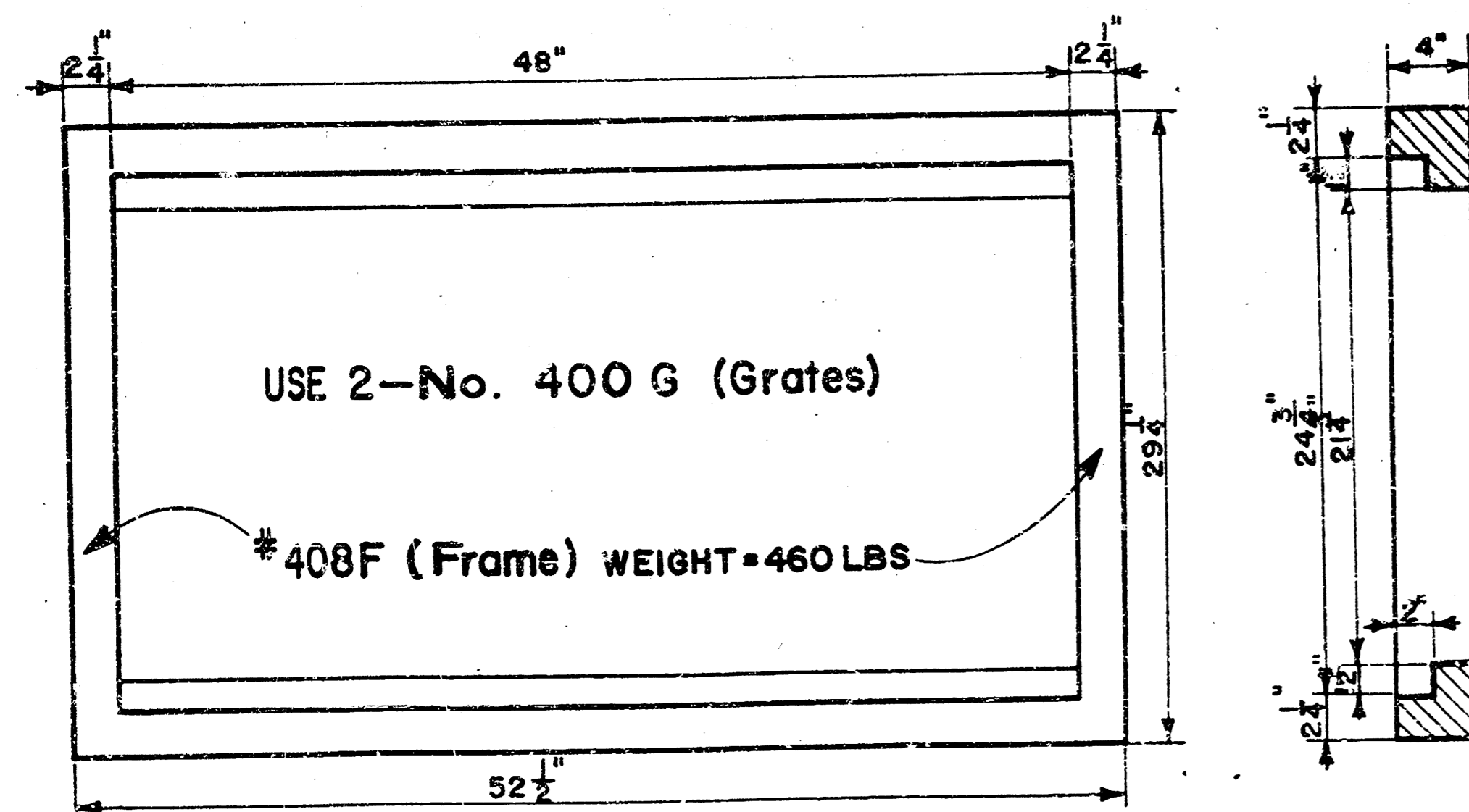
Designed by: RFD KIC LMR Checked by: LMR



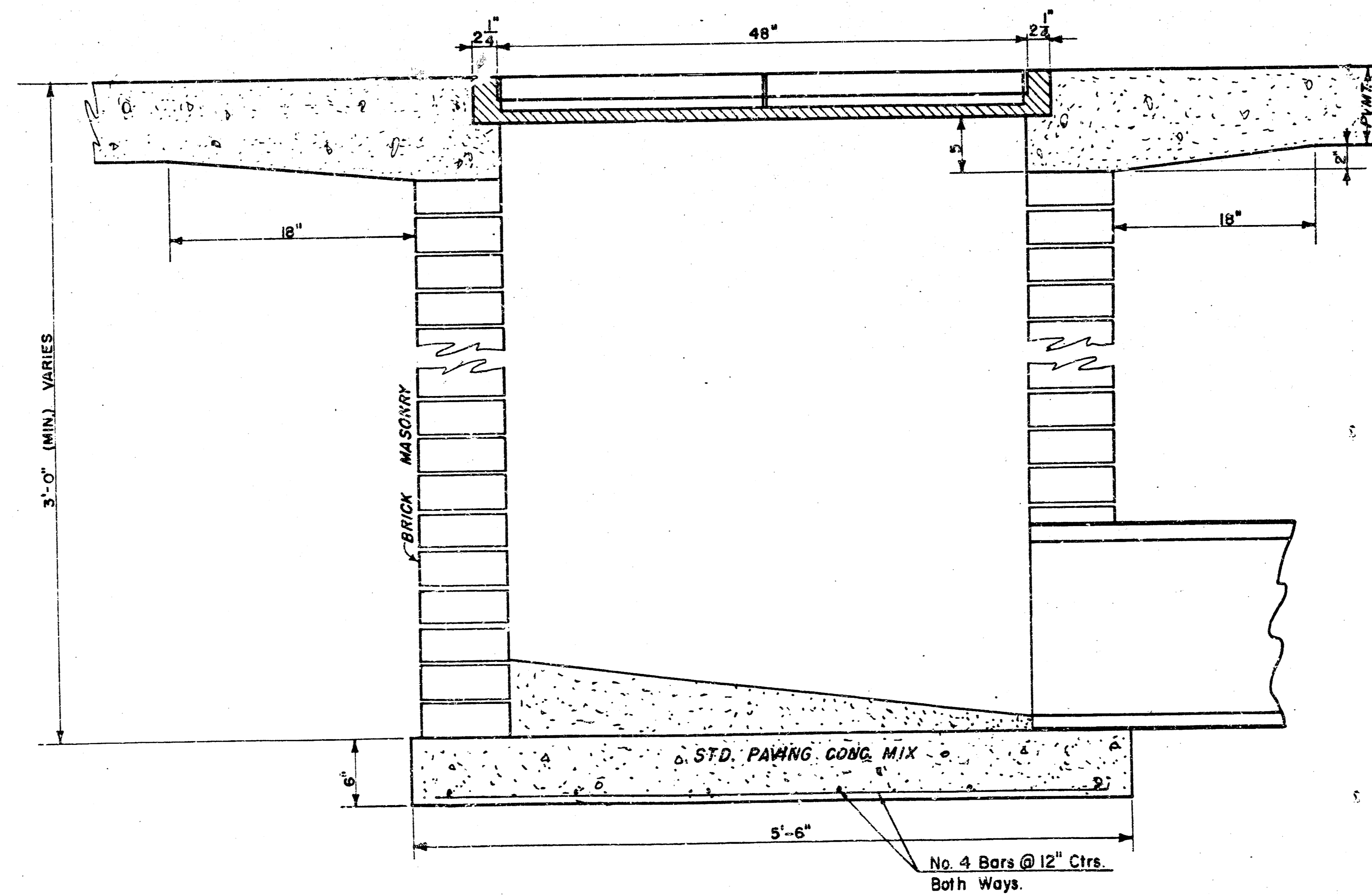
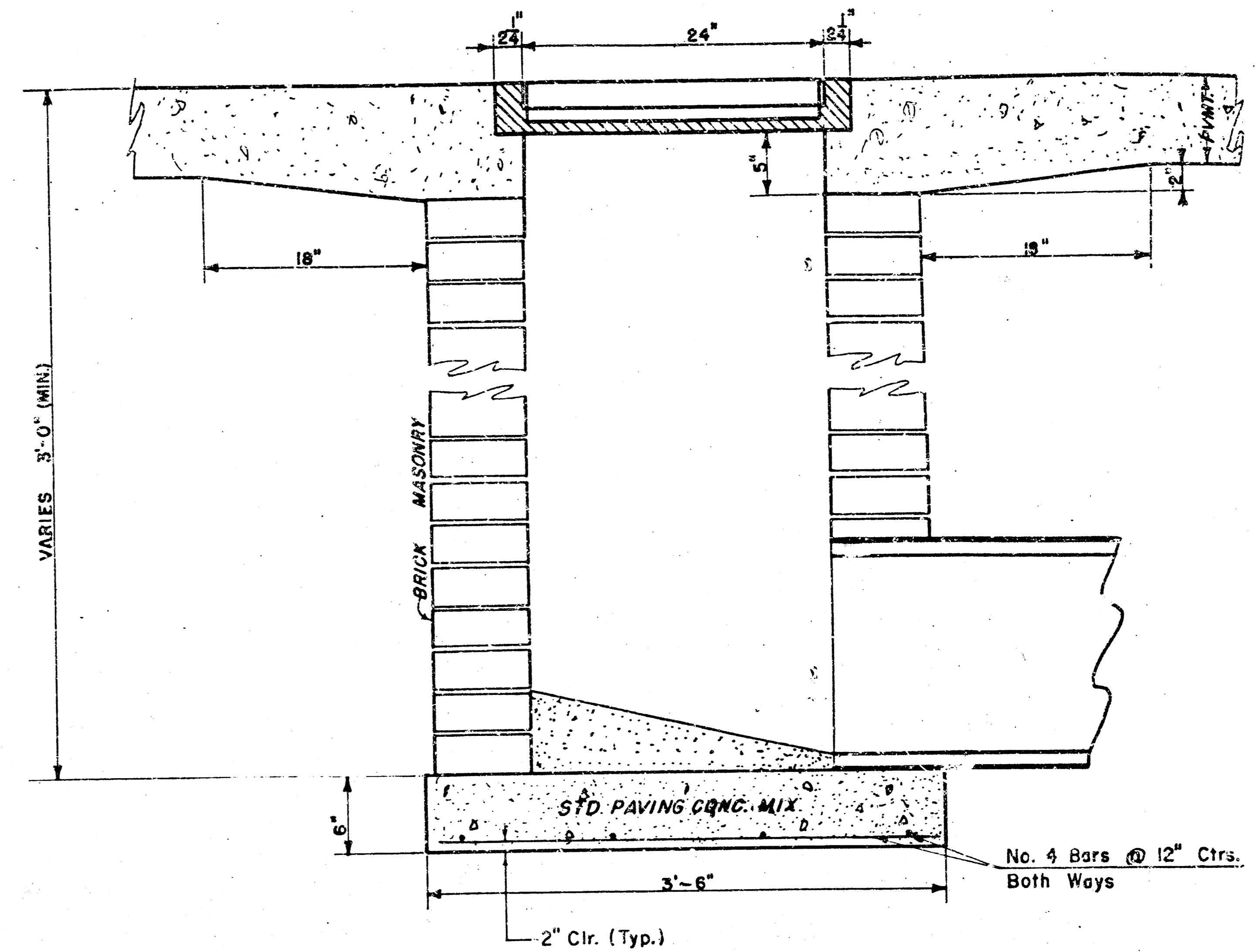
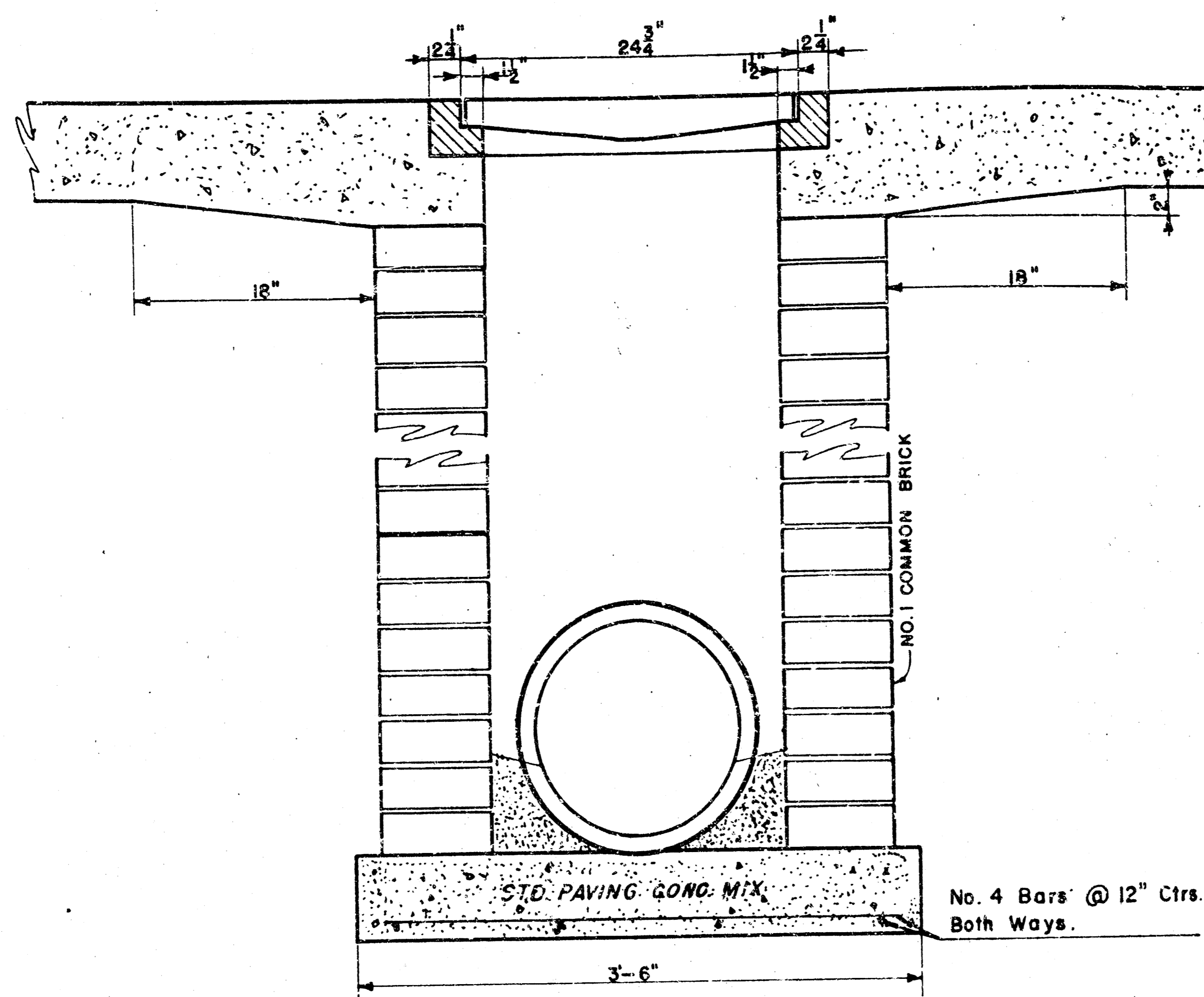
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be used only if approved by the engineer.



24"x24" Frame & Grate Detail



Double 24"x24" Frame Detail



SHEET 4 OF 5

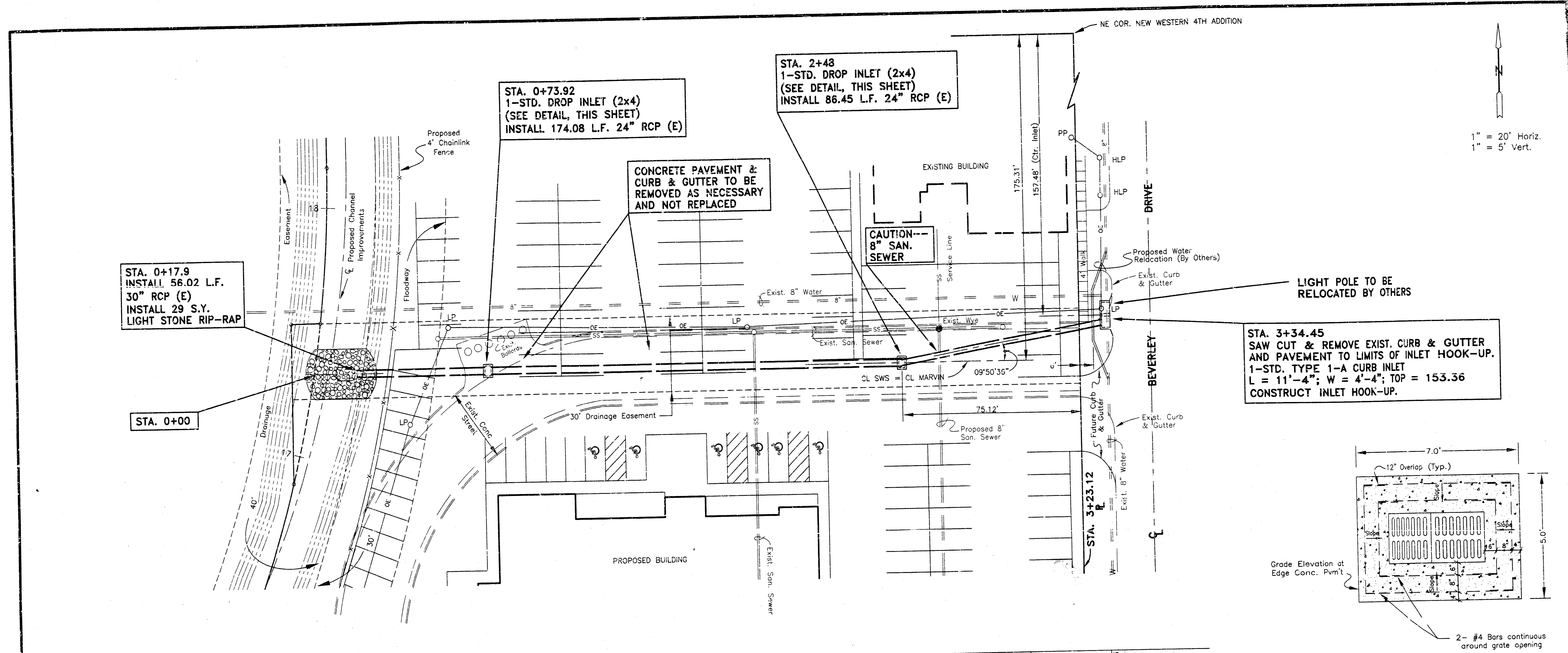
DROP INLET DETAILS

M.E. Lindebak, City Engineer
City of Wichita, Kansas

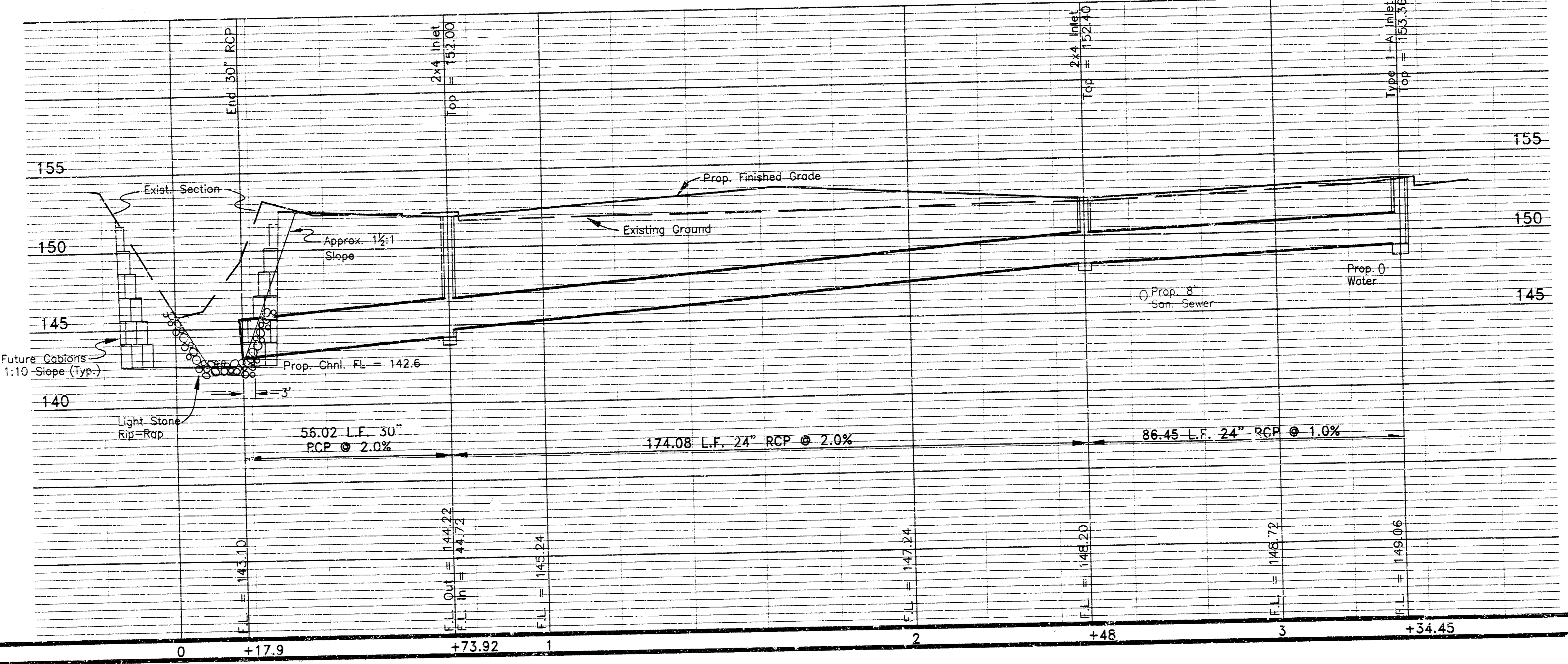
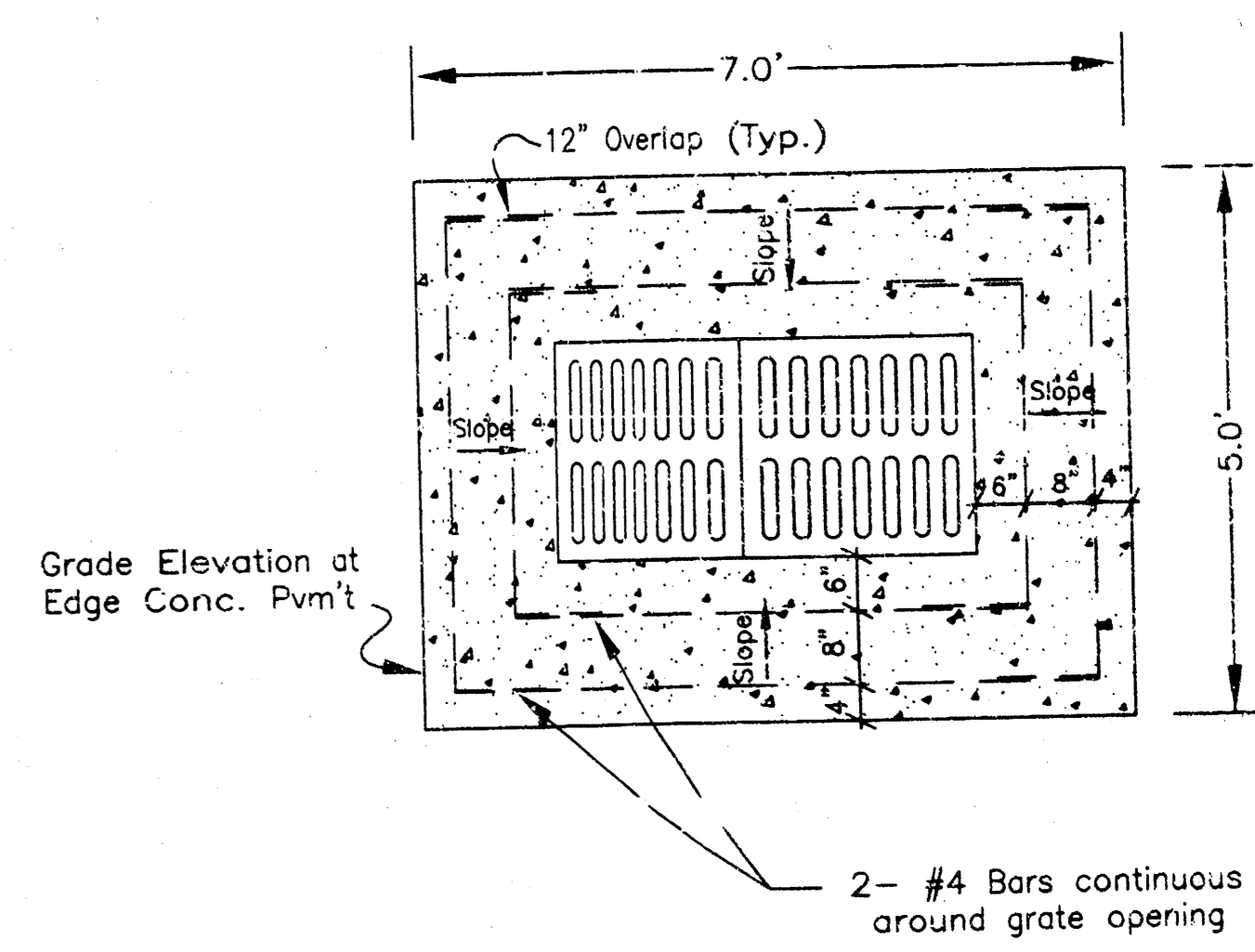
Project
Project No.

Date:

Scale: 1-1/2" = 1'-0"



1" = 20' Horiz.
1" = 5' Vert.



CONCRETE PAVEMENT FOR STANDARD 2x4 DROP INLET
1" = 2'

"AS-BUILT"

STORM SEWER PLAN & PROFILE
MOEHRING & ASSOCIATES
 CONSULTING ENGINEERS - SURVEYORS
 433 S. HYDRAULIC WICHITA, KS.
 (316) 263-8291
 PRIVATE PROJ. NO. 647PPS / INDEX NO. 607861
 DATE: JULY 1996 SHEET 1

