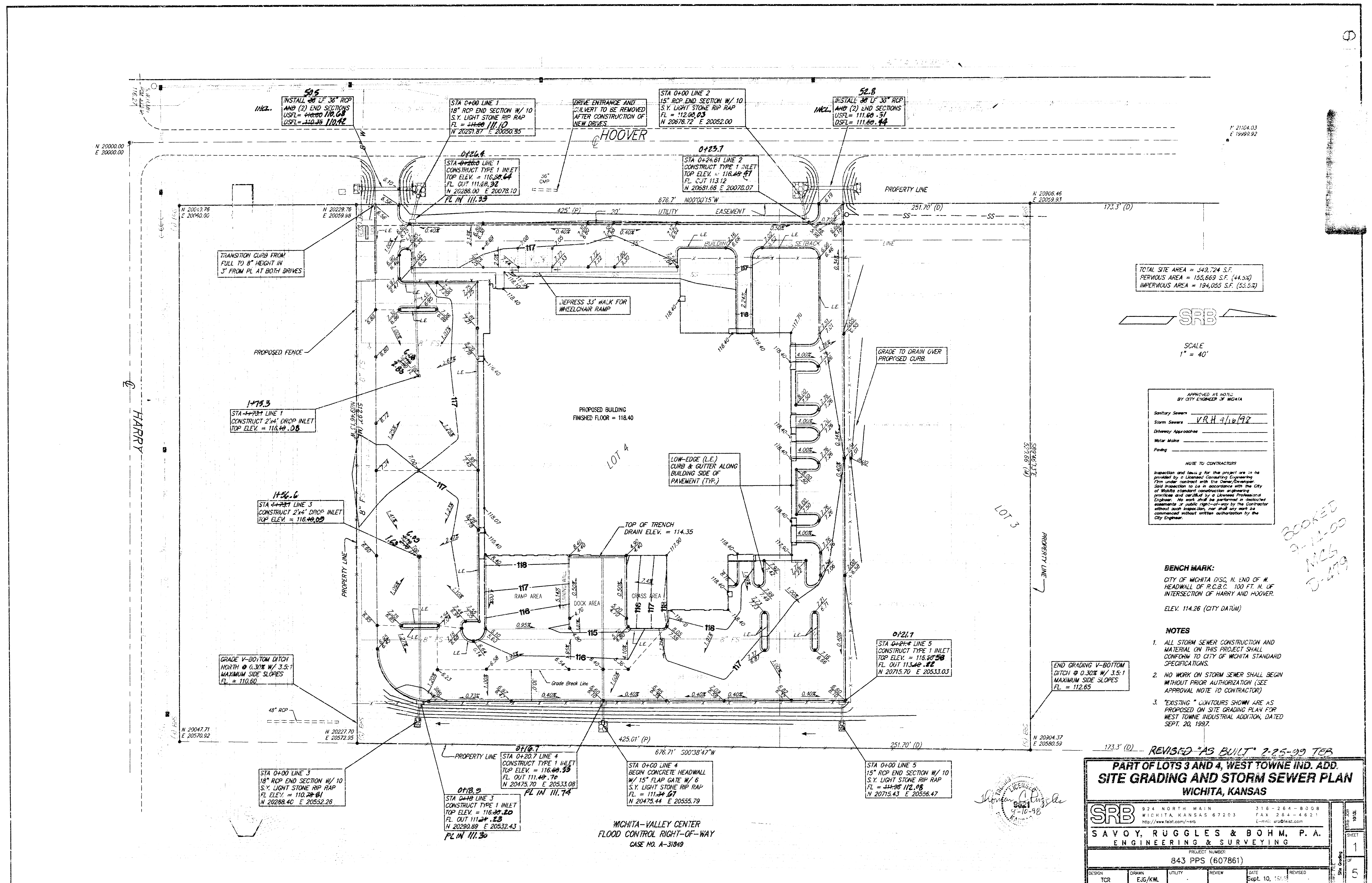
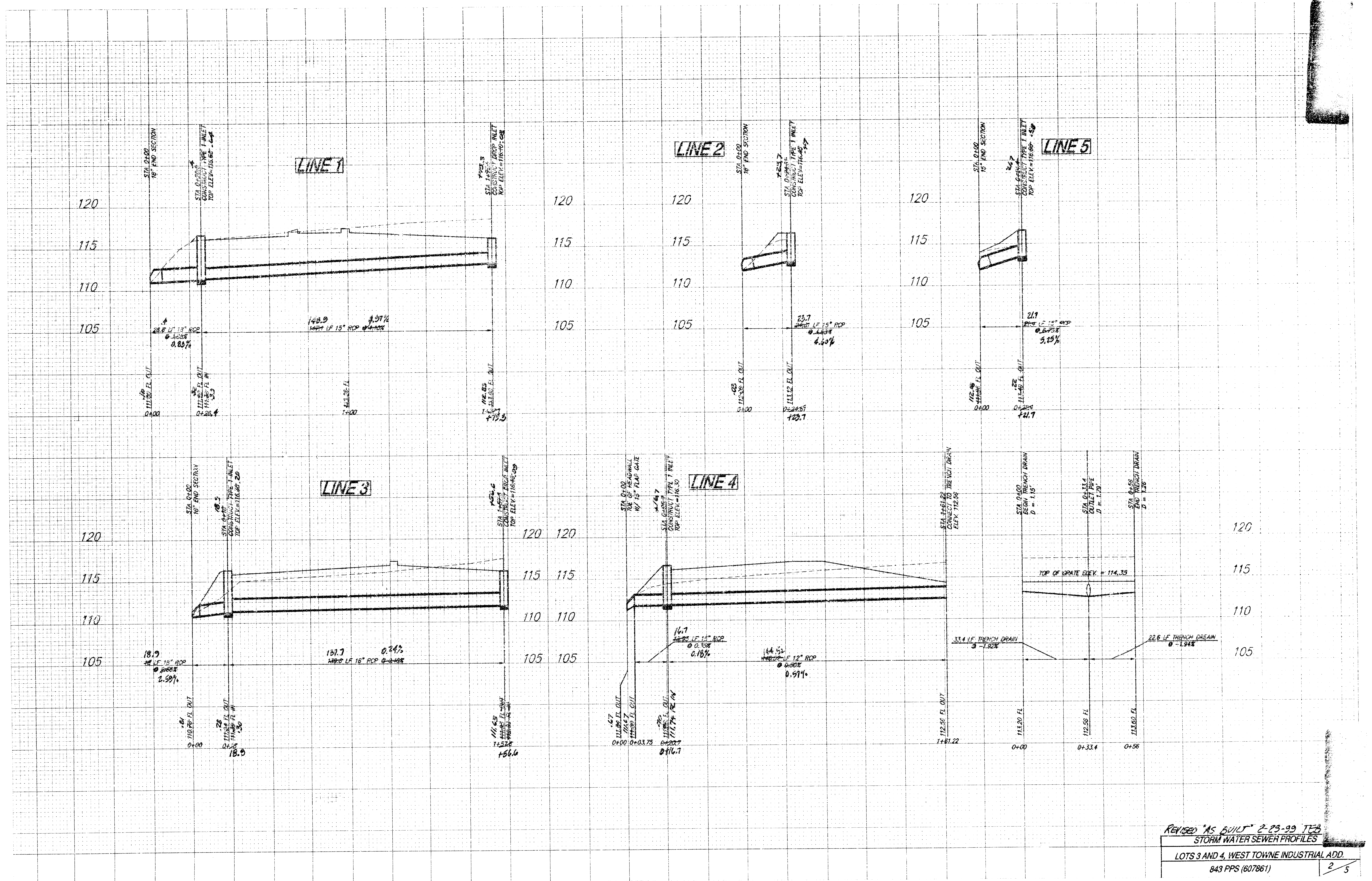
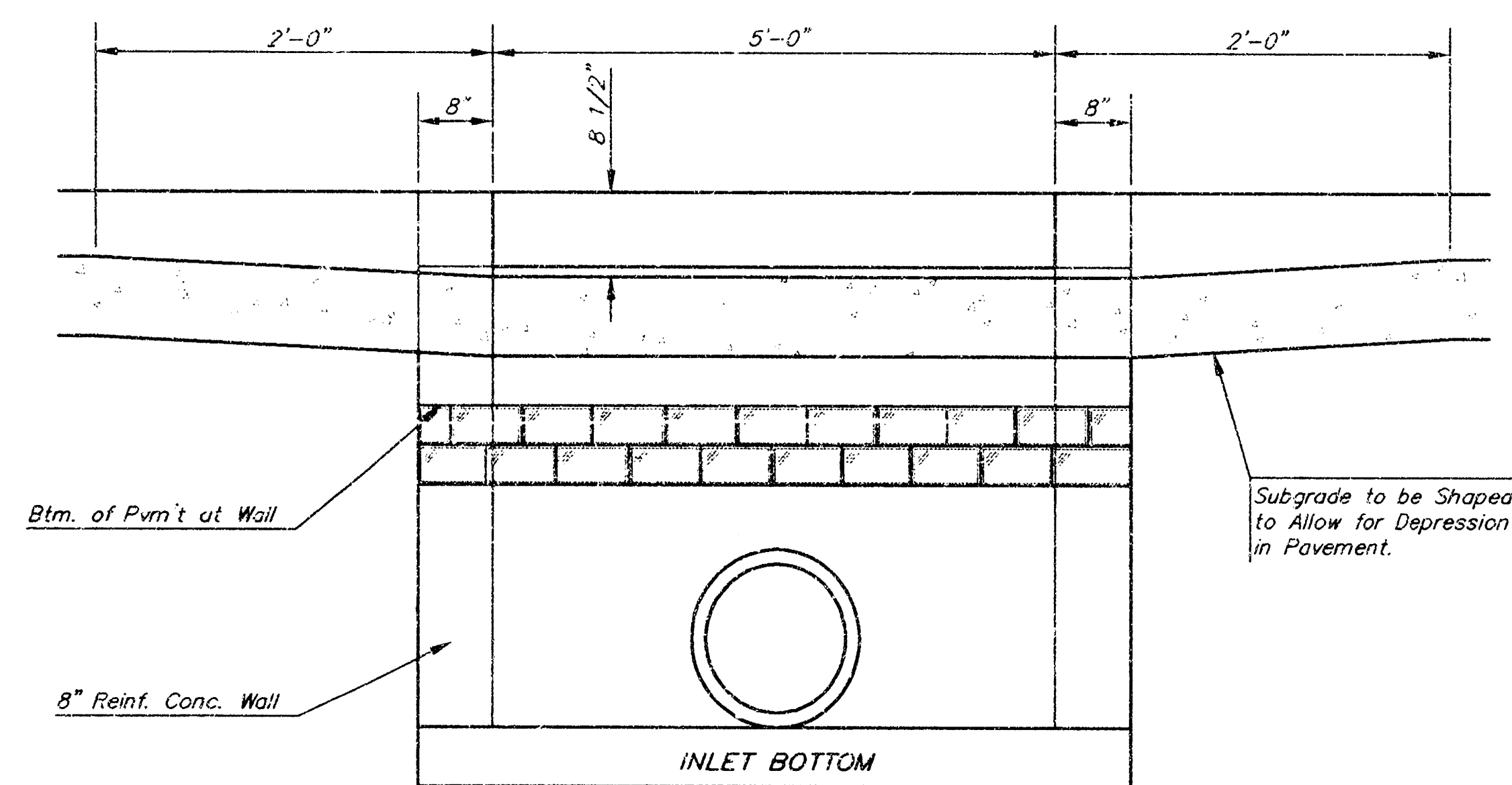
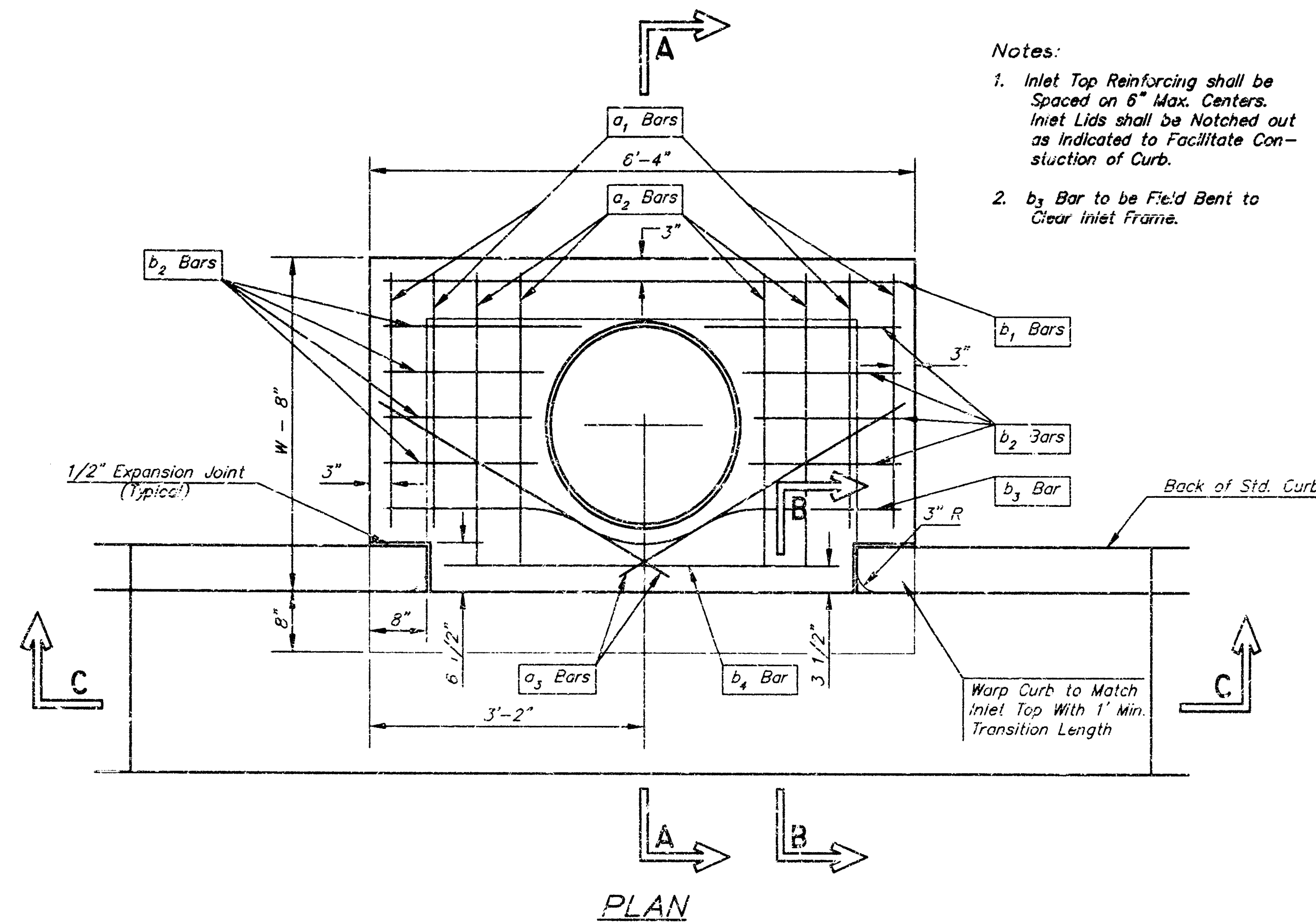






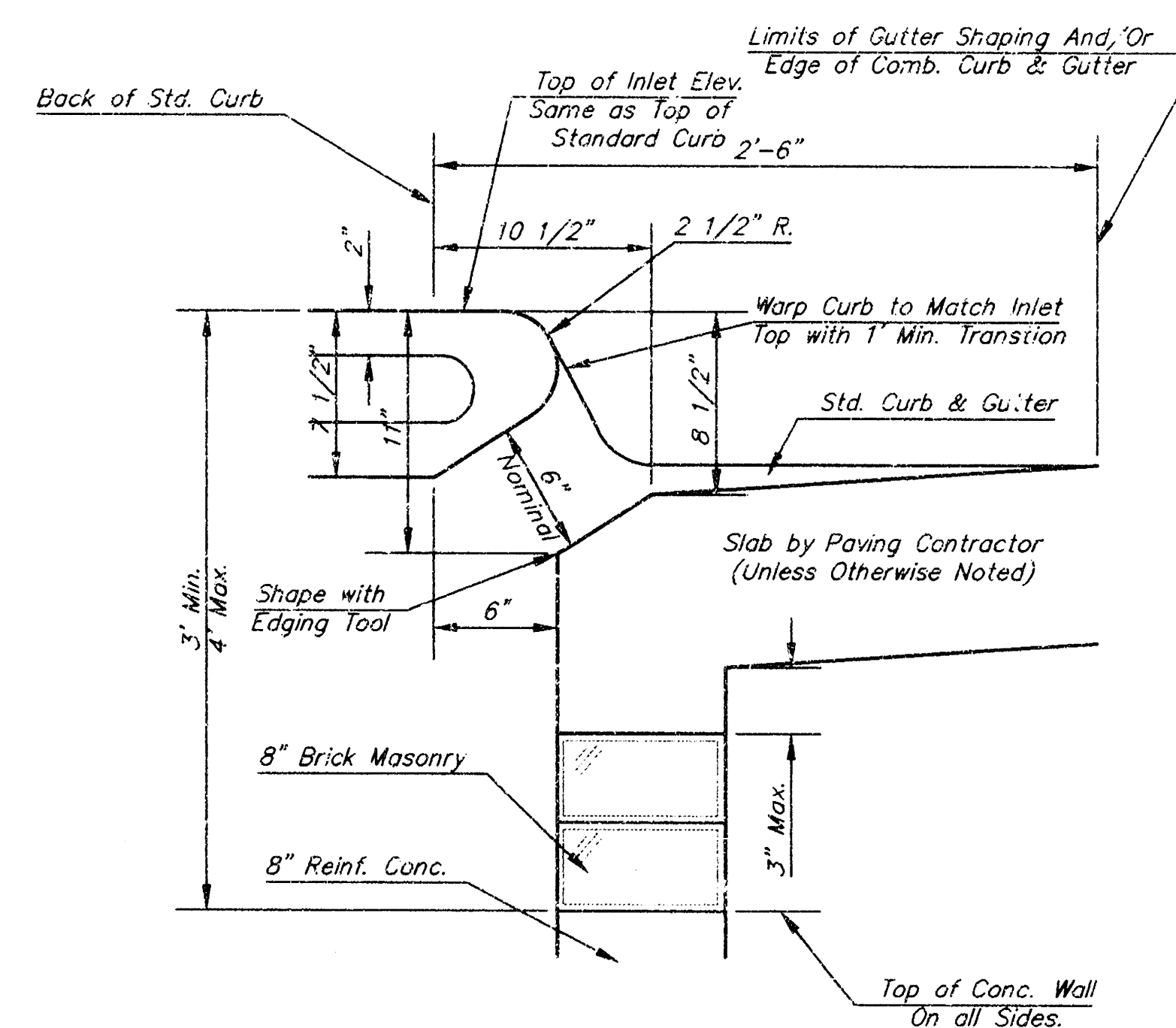
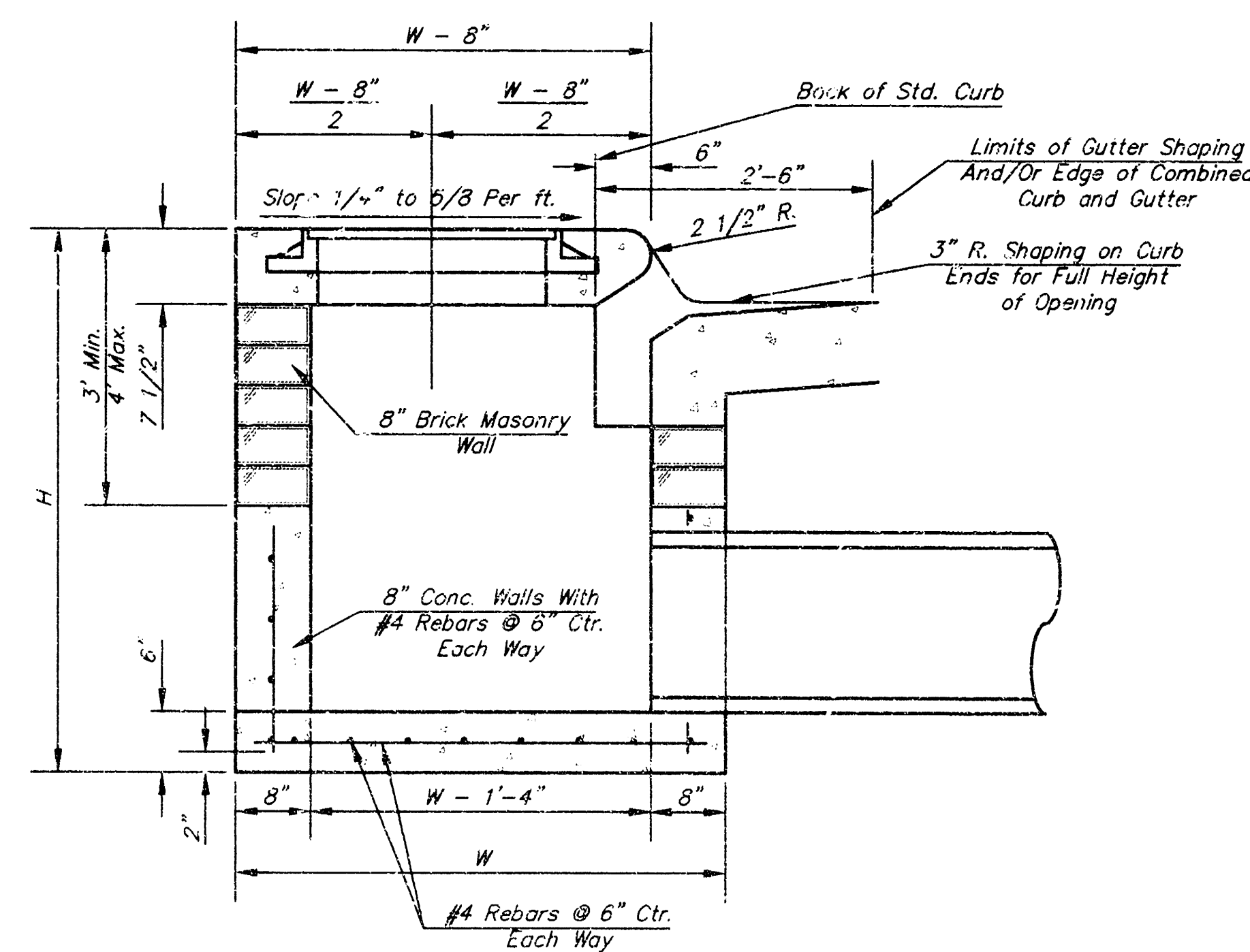


STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	b ₁						b ₂	b ₃	b ₄	WT. LBS.
NUMBER	4	4	2	1	3	5	7	9	8	1	1		
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	
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"	5'-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±	

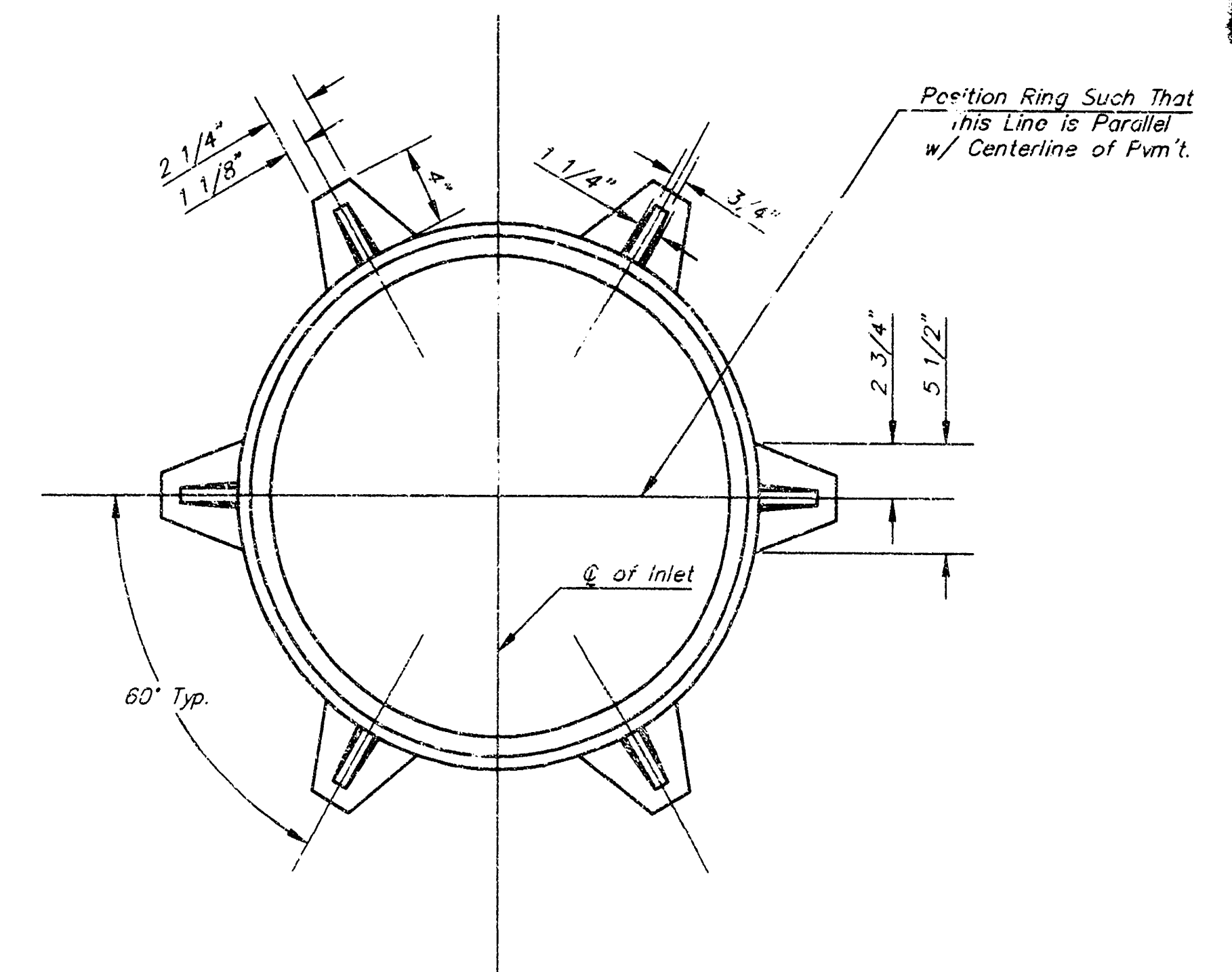
Note: a₃ Bars to be Placed Approx. 2" Below Top of Inlet Cover.

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" 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±



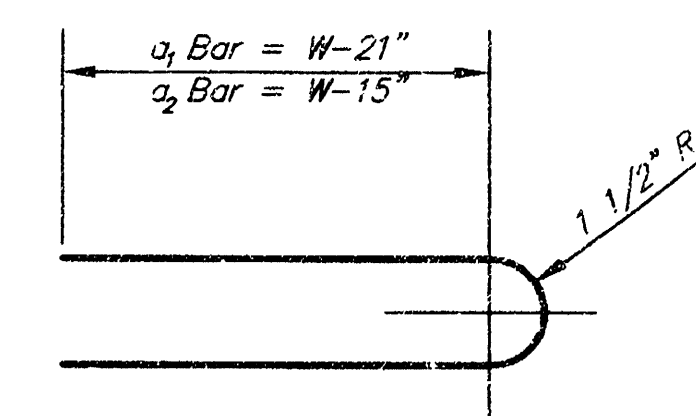
GENERAL NOTES

- 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 3 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.



MANHOLE RING AND COVER

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



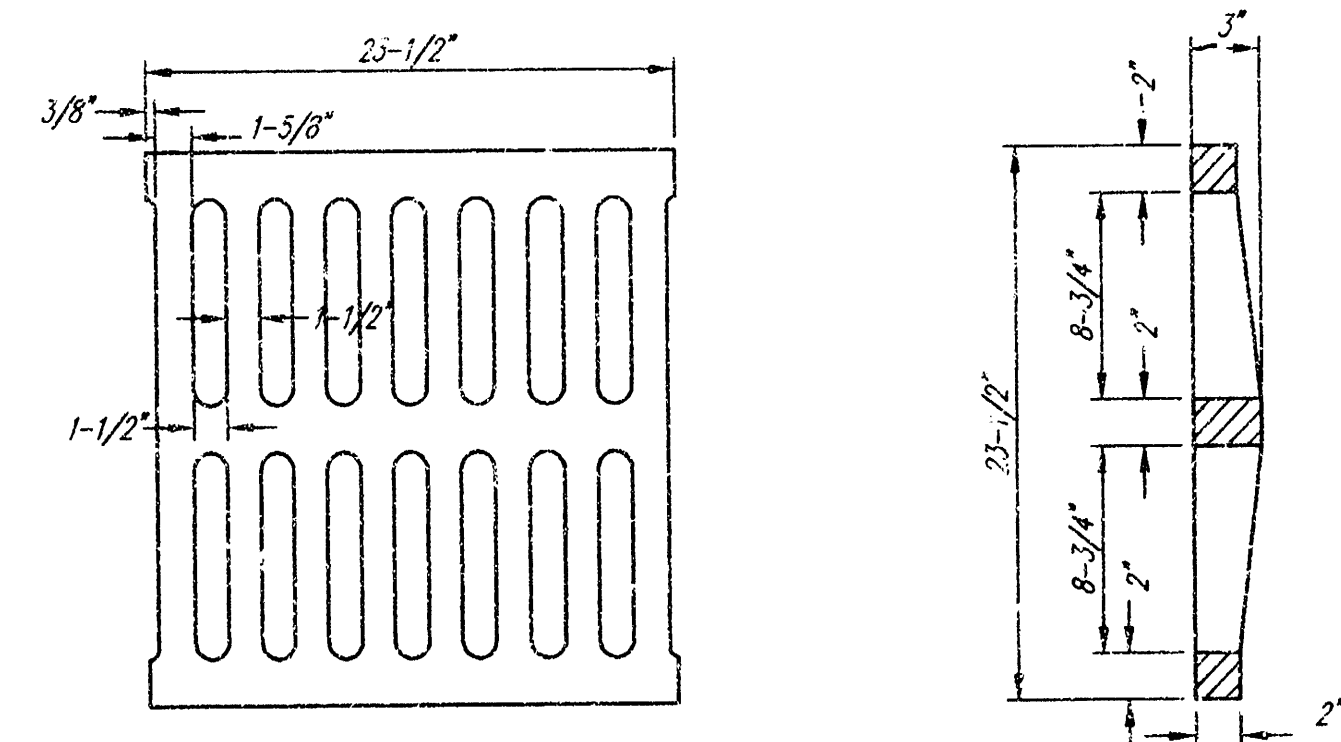
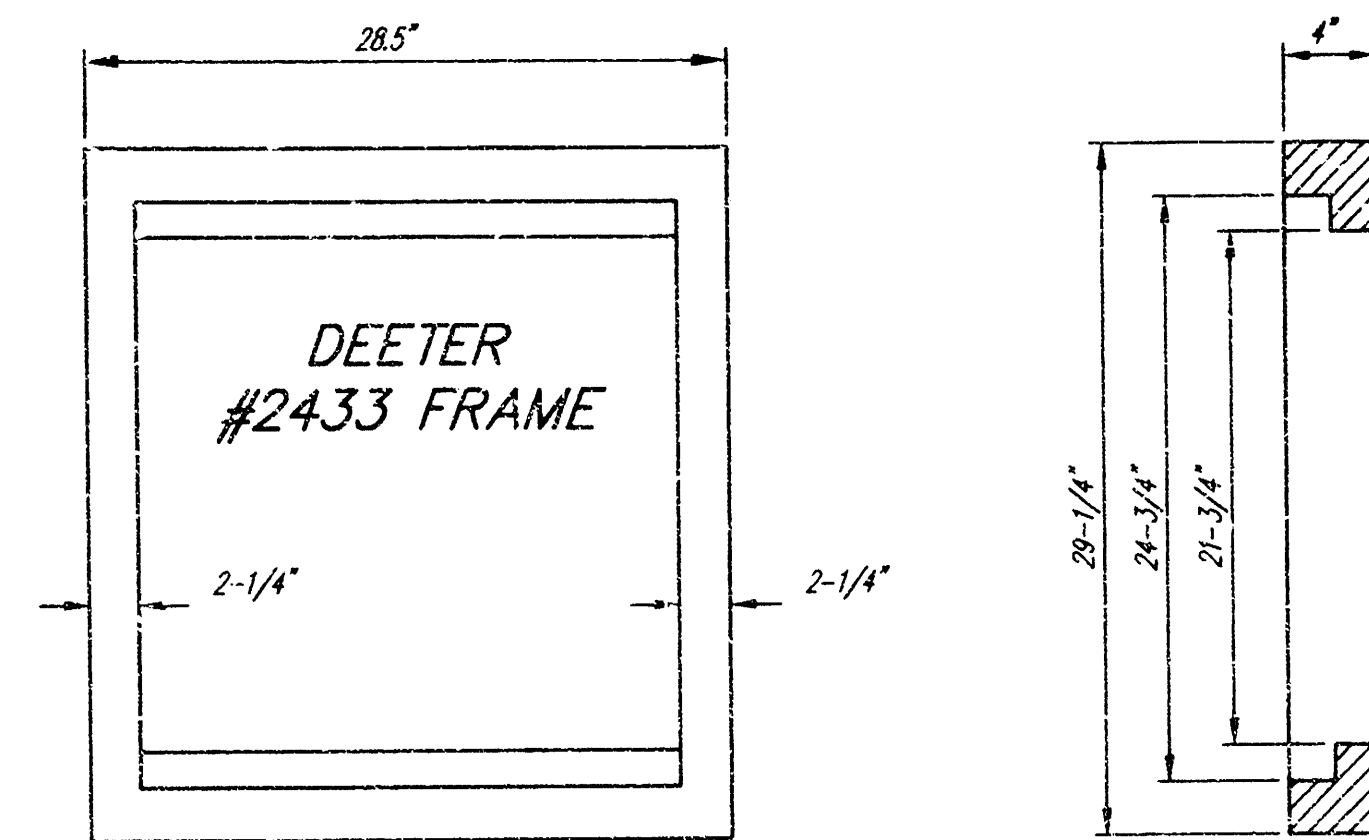
THE CITY OF WICHITA

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

STANDARD TYPE 1 CURB INLET
OPENING = 6"x5'-0"

M. E. LINDEBAK P.E. - CITY ENGINEER

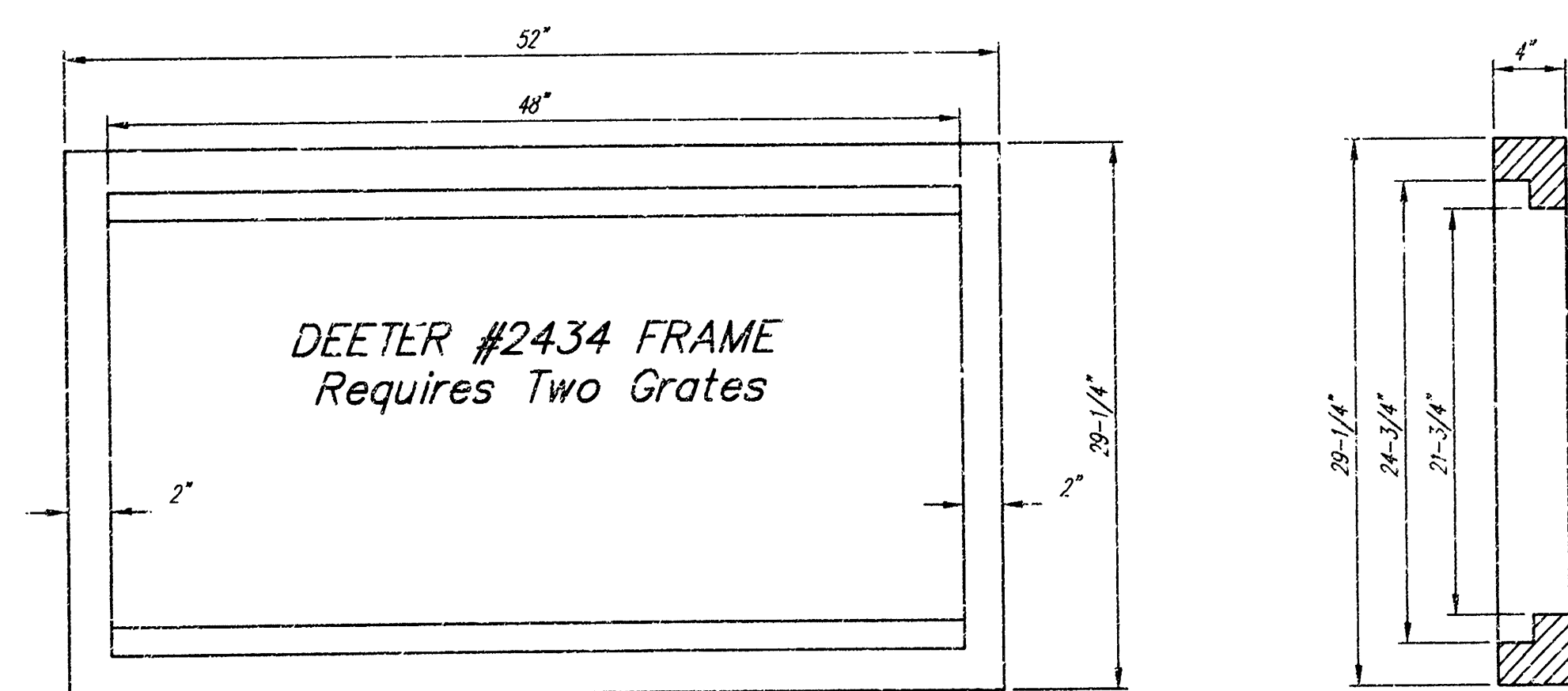
PROJECT NUMBER 843 PPS	INDEX CODE (607861)
DATE MAR 96	SHEET 3 OF 5



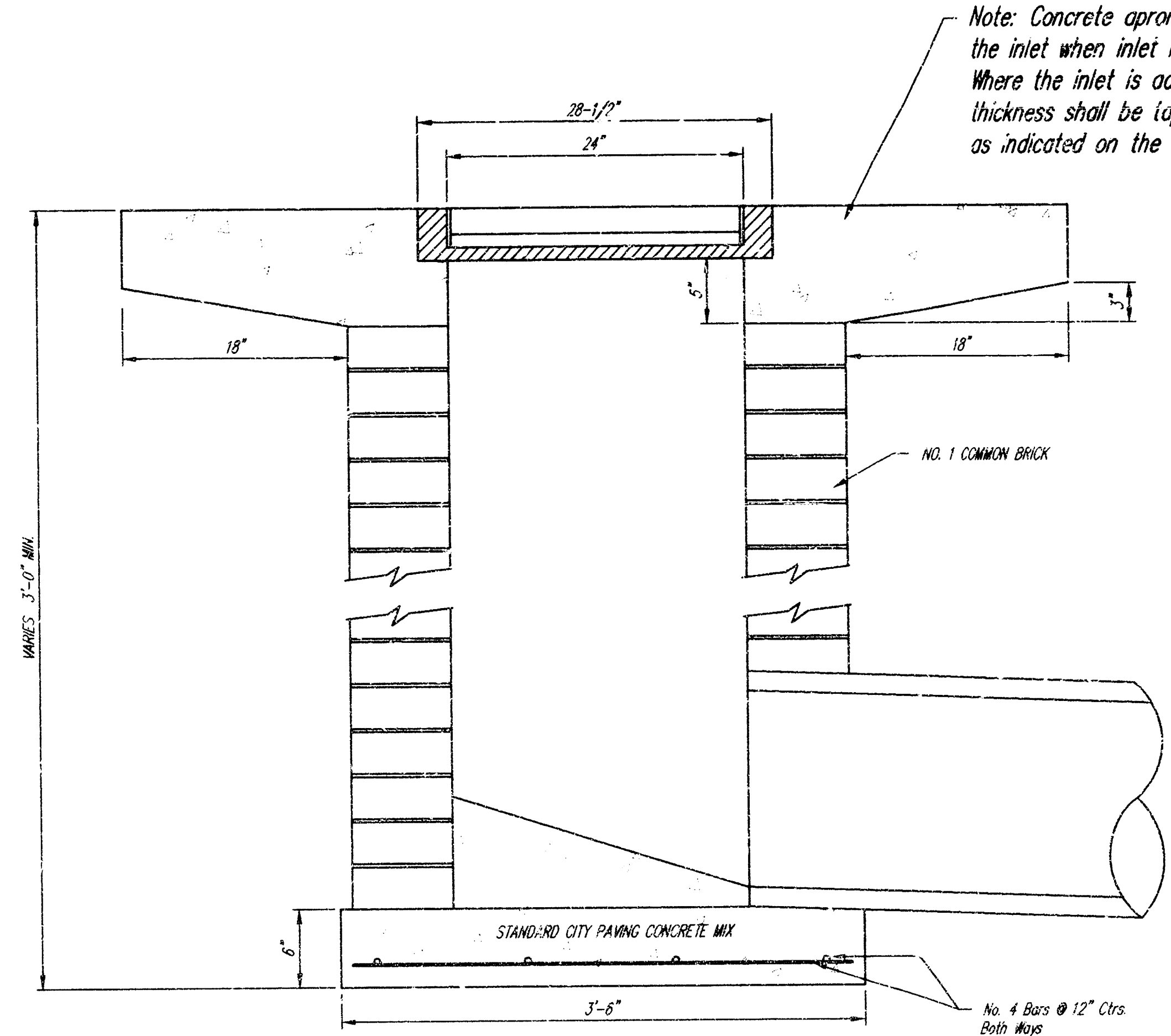
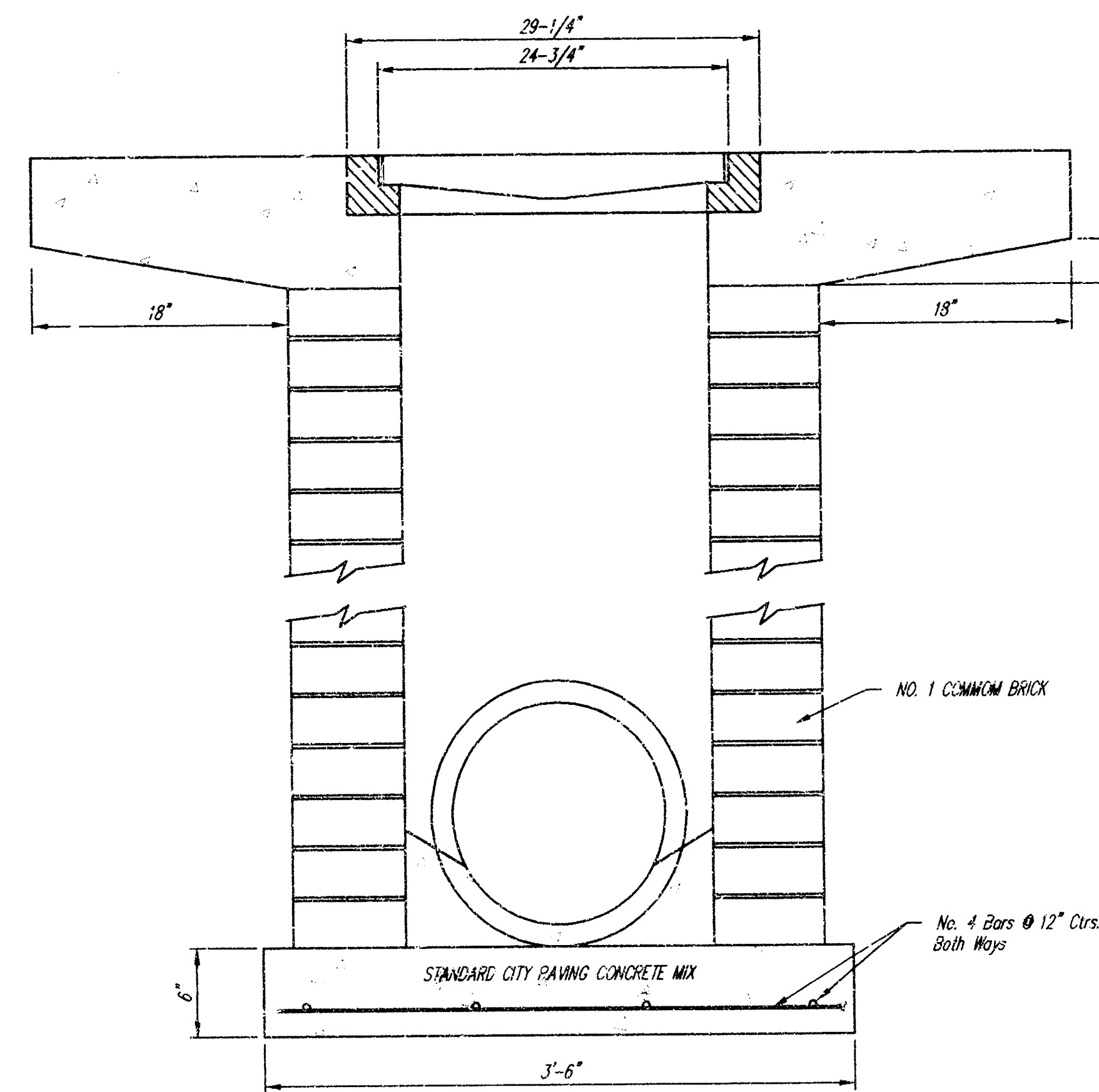
DEETER #2433 GRATE

24" x 24" Frame and Grate Detail

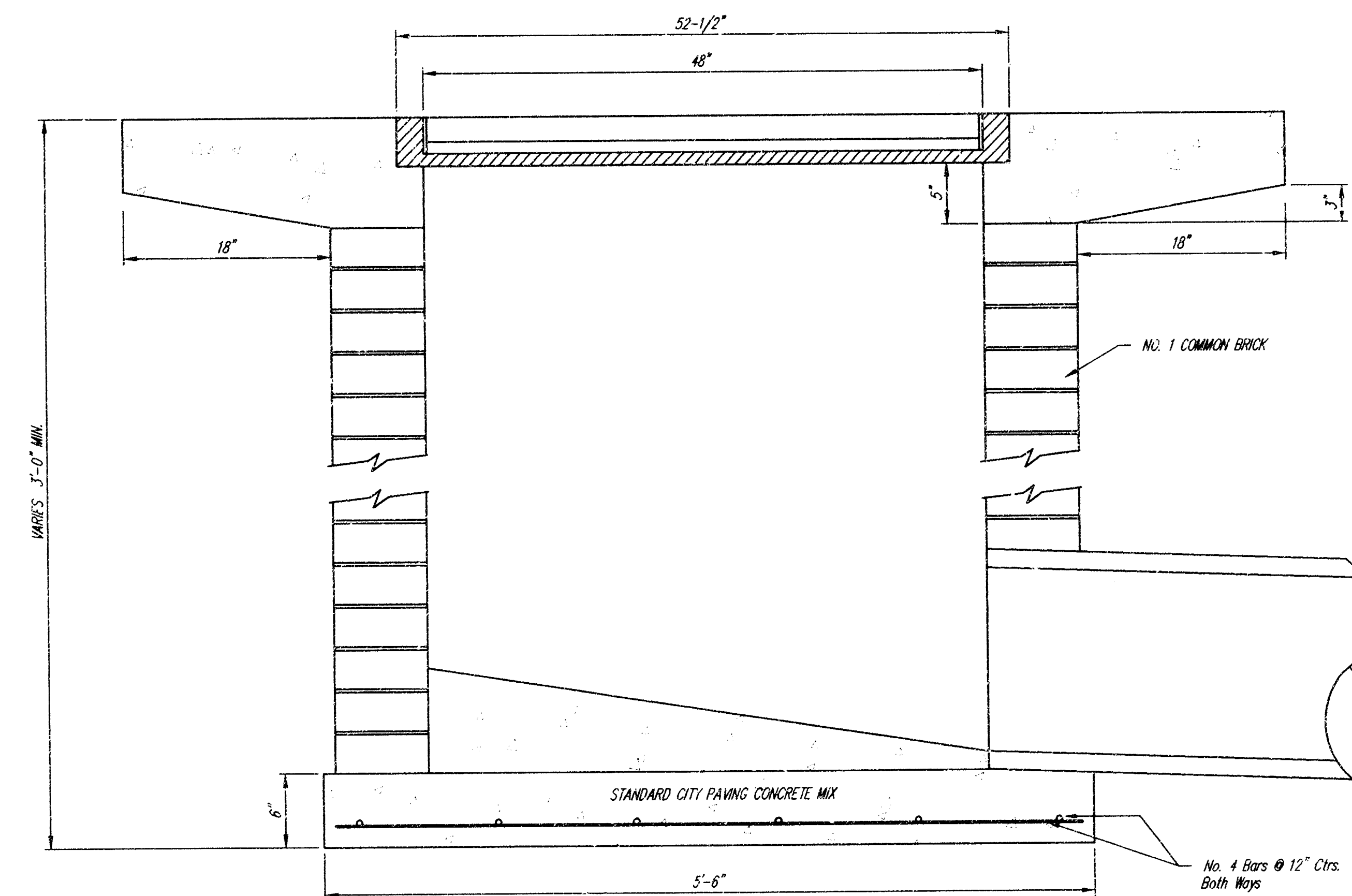
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be approved by the engineer.



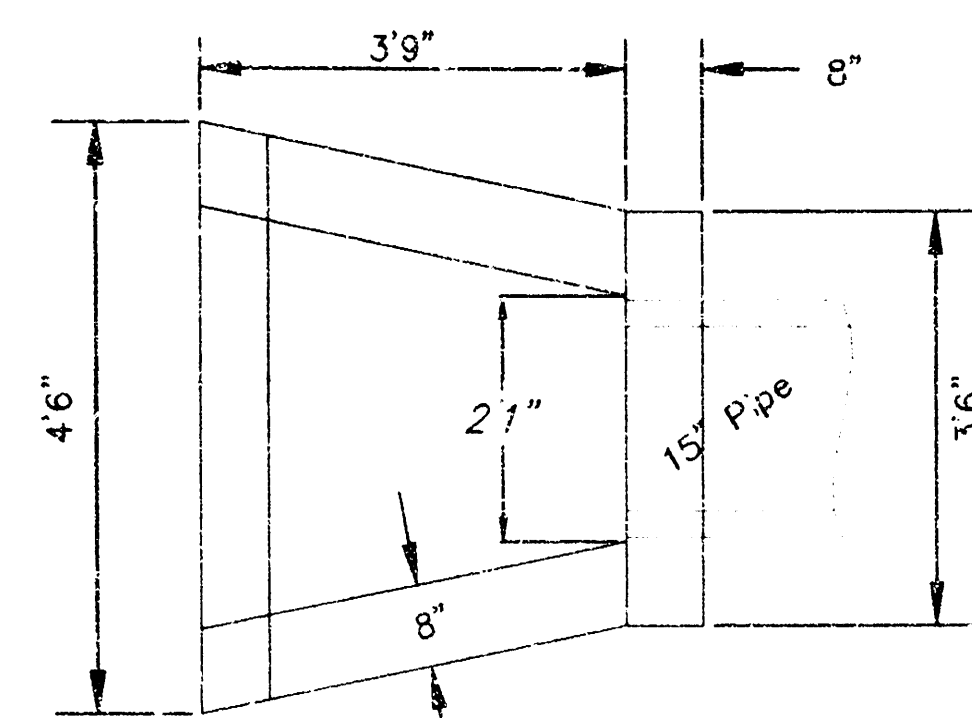
Double 24" x 24" Frame Detail



Note: Concrete apron shall be constructed around the inlet when inlet is located in an unpaved area. Where the inlet is adjacent to pavement, the pavement thickness shall be tapered to the inlet in 18 inches as indicated on the detail.



THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - 8TH FLOOR 405 NORTH W. STREET WICHITA, KANSAS 67202 (316) 268-2501 (316) 268-6114 FAX	DROP INLET 2'x2' / 2'x4'	
	M. E. LINDEBAK P.E. - CITY ENGINEER	
	PROJECT NUMBER 543 PPS	INDEX CODE (607861)
	DATE MAR 96	SHEET 4 OF 5

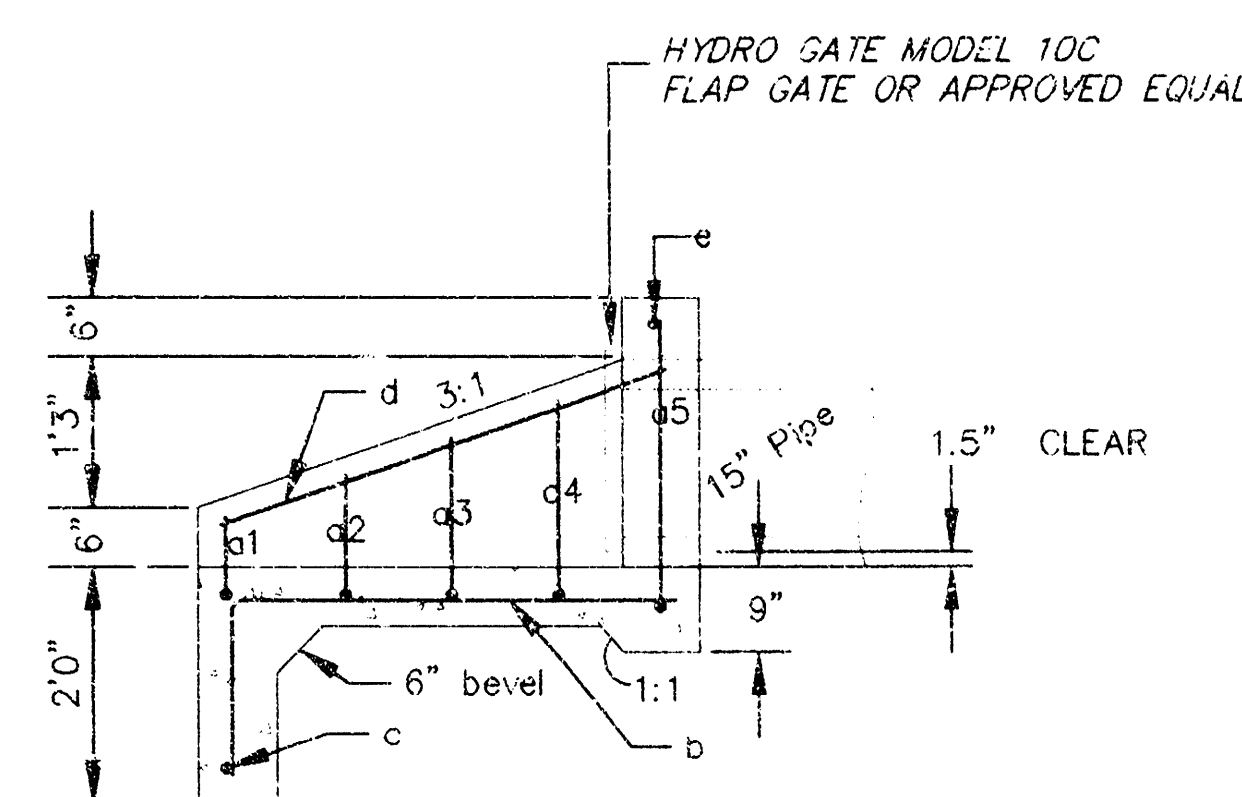


PLAN

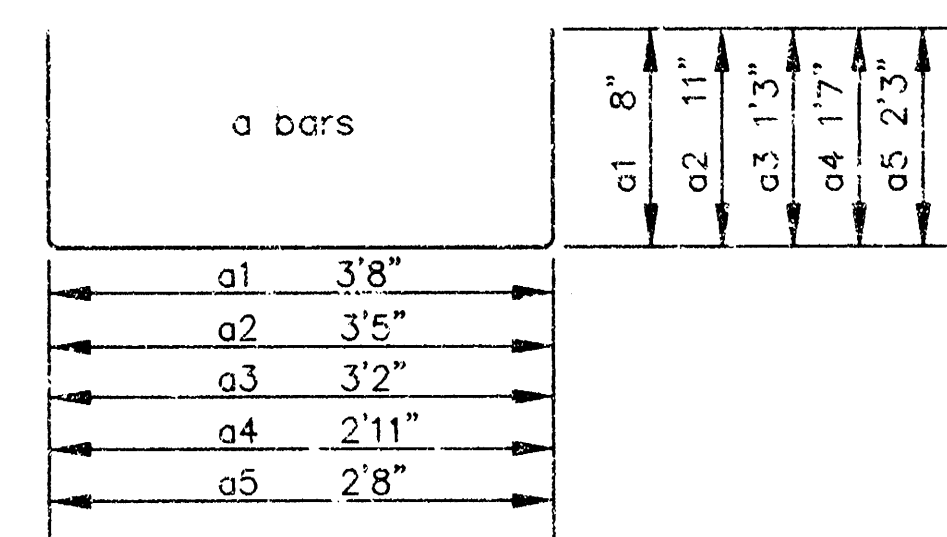
TABLE OF CONTENTS				
BAR	NUMBER	LENGTH	SHAPE	WEIGHT
a1	1	5'0"		3.34
a2	1	5'3"		3.51
a3	1	5'8"		3.79
a4	1	6'1"		4.06
a5	1	7'2"		4.79
b	5	5'6"		18.37
c	1	4'0"		2.67
d	2	4'0"		5.34
e	1	3'2"		2.12
Total Rebar, lbs				47.99
Concrete, C.Y.				0.91

All rebars to be #4.

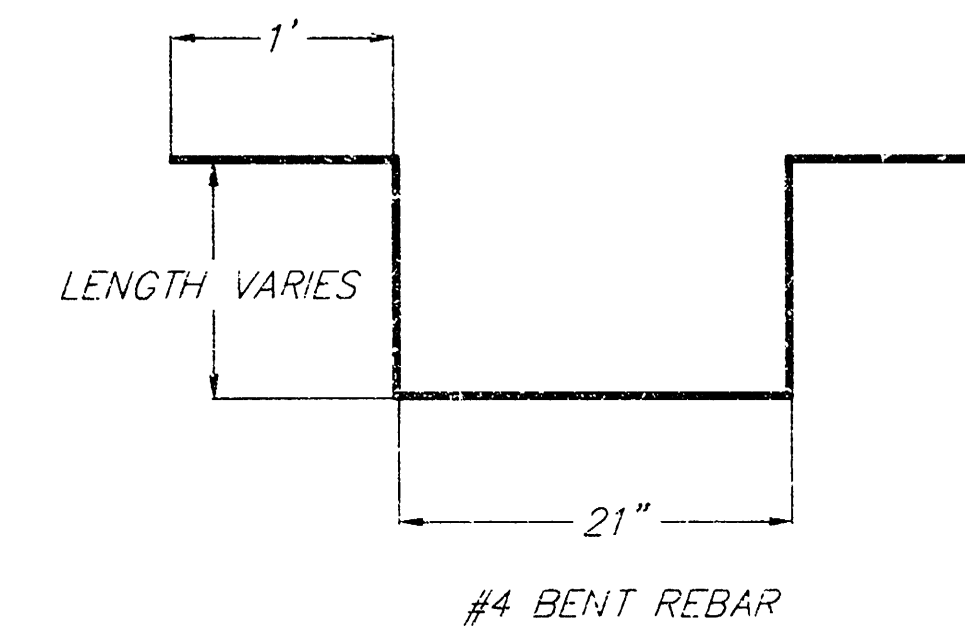
HEADWALL FOR 15" PIPE



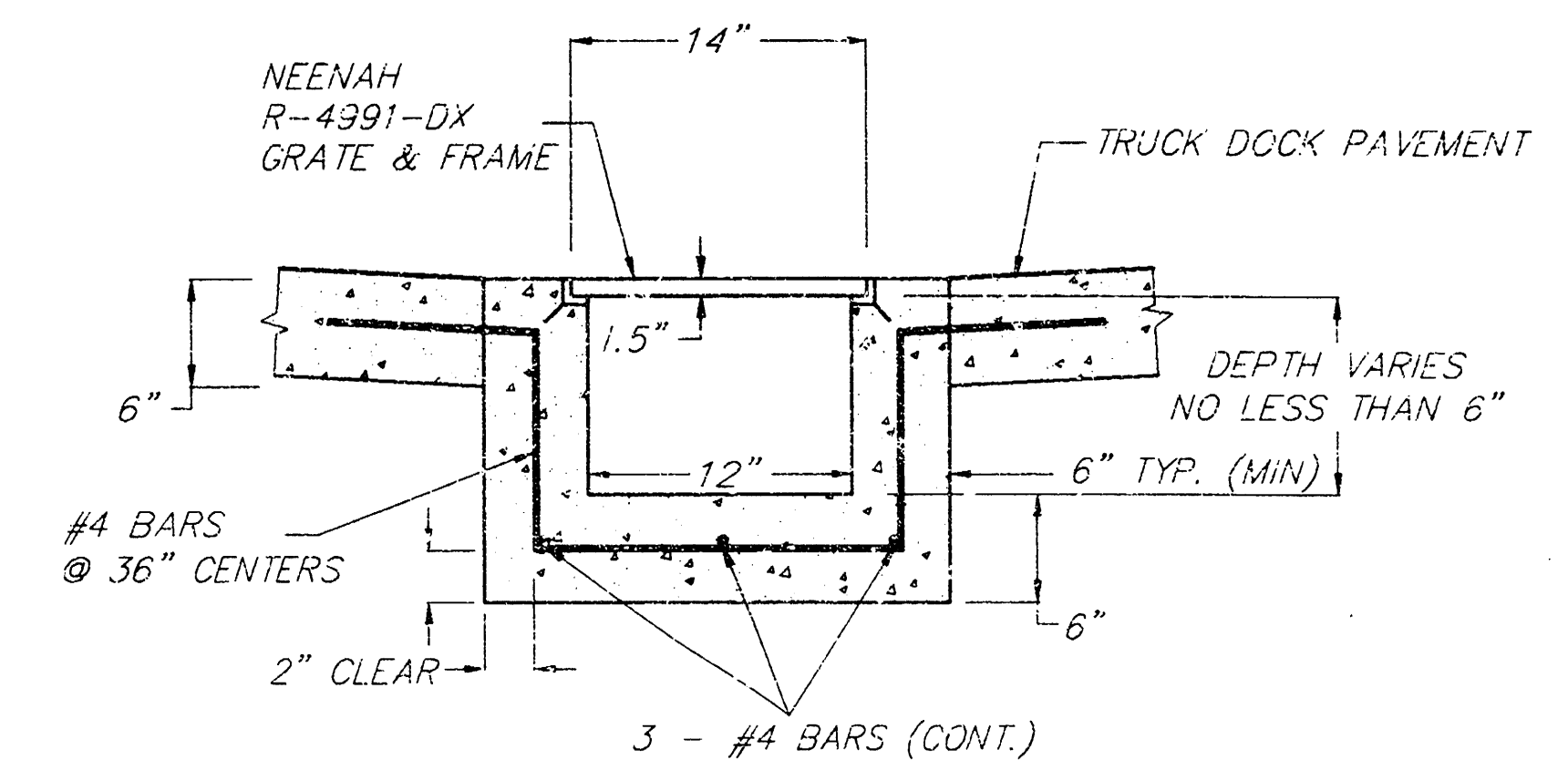
SECTION



HEAD WALL DETAIL WITH FLAP GATE



#4 BENT REBAR



TRENCH DRAIN DETAIL

Miscellaneous Storm Water Sewer Details			
ICT (60 VAN) CITY STATION FACILITY			
WICHITA, KANSAS			
SRB	924 NORTH MAIN WICHITA, KANSAS 67203 http://www.felst.com/~srb	316-264-8008 FAX 264-4821 E-mail: srbs@felst.com	DESIGN TCR
SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING		PROJECT NUMBER 843 PPS (607861)	DATE Sept. 10, 1999
REVIEW EJG	UTILITY	REVIEW	REVISION 1
SHEET 5			DATE 10/15/99