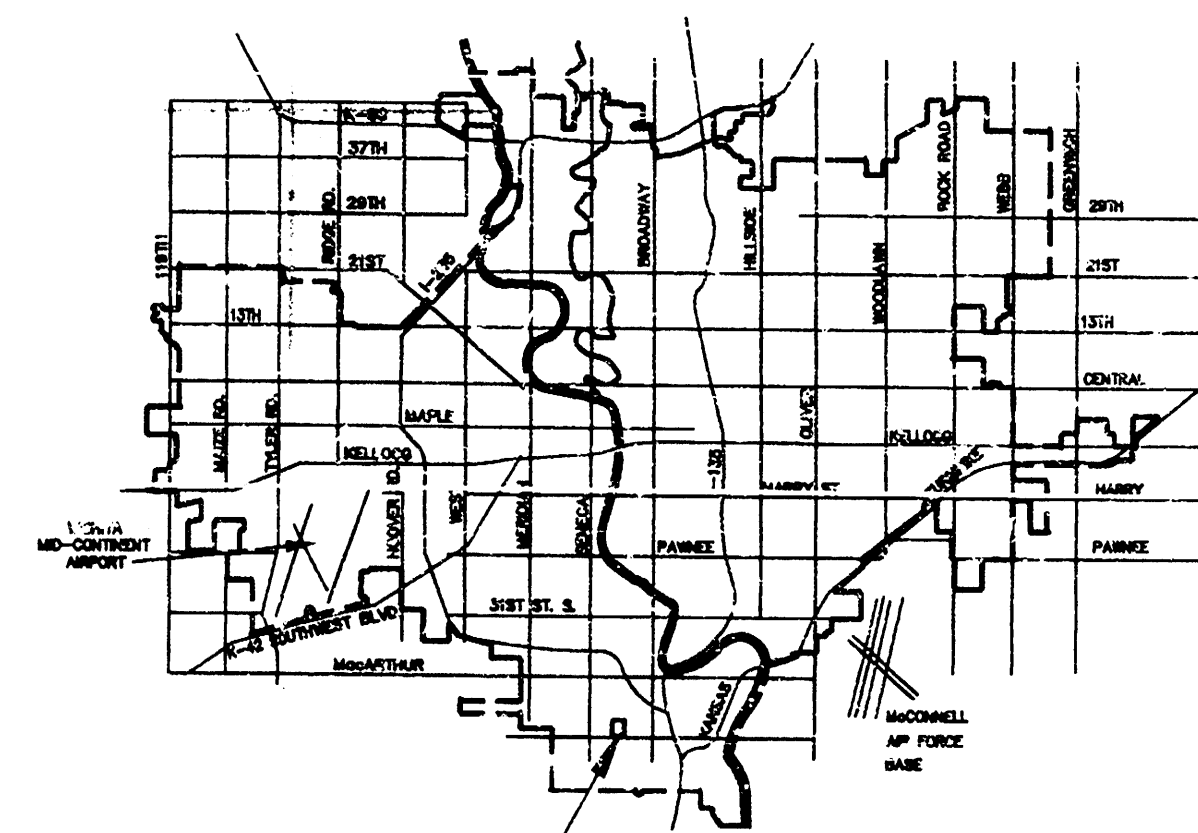
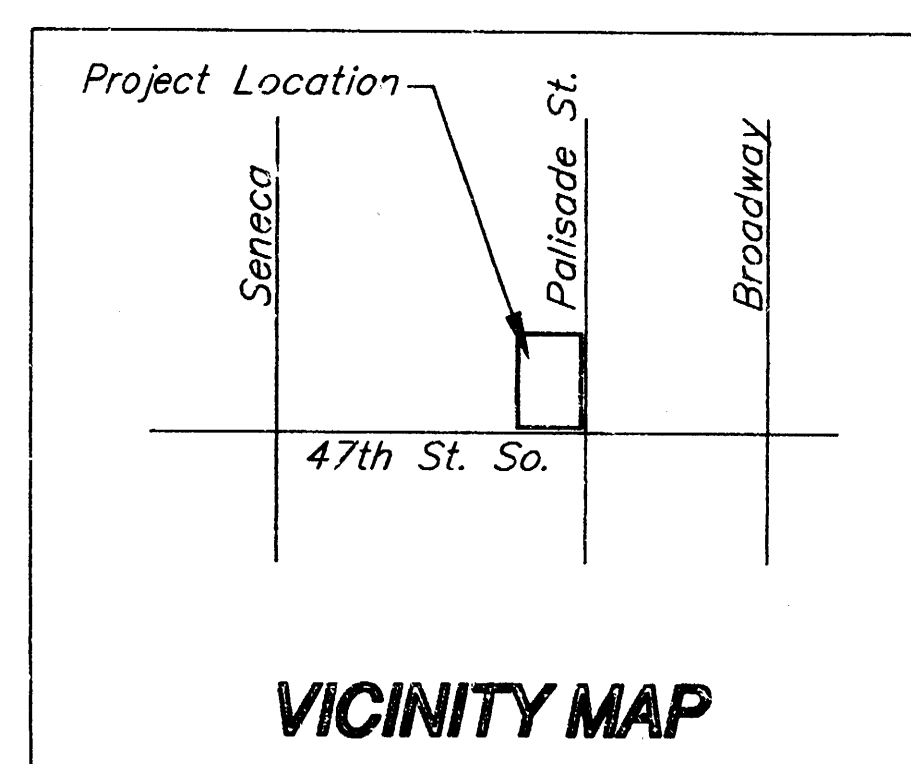
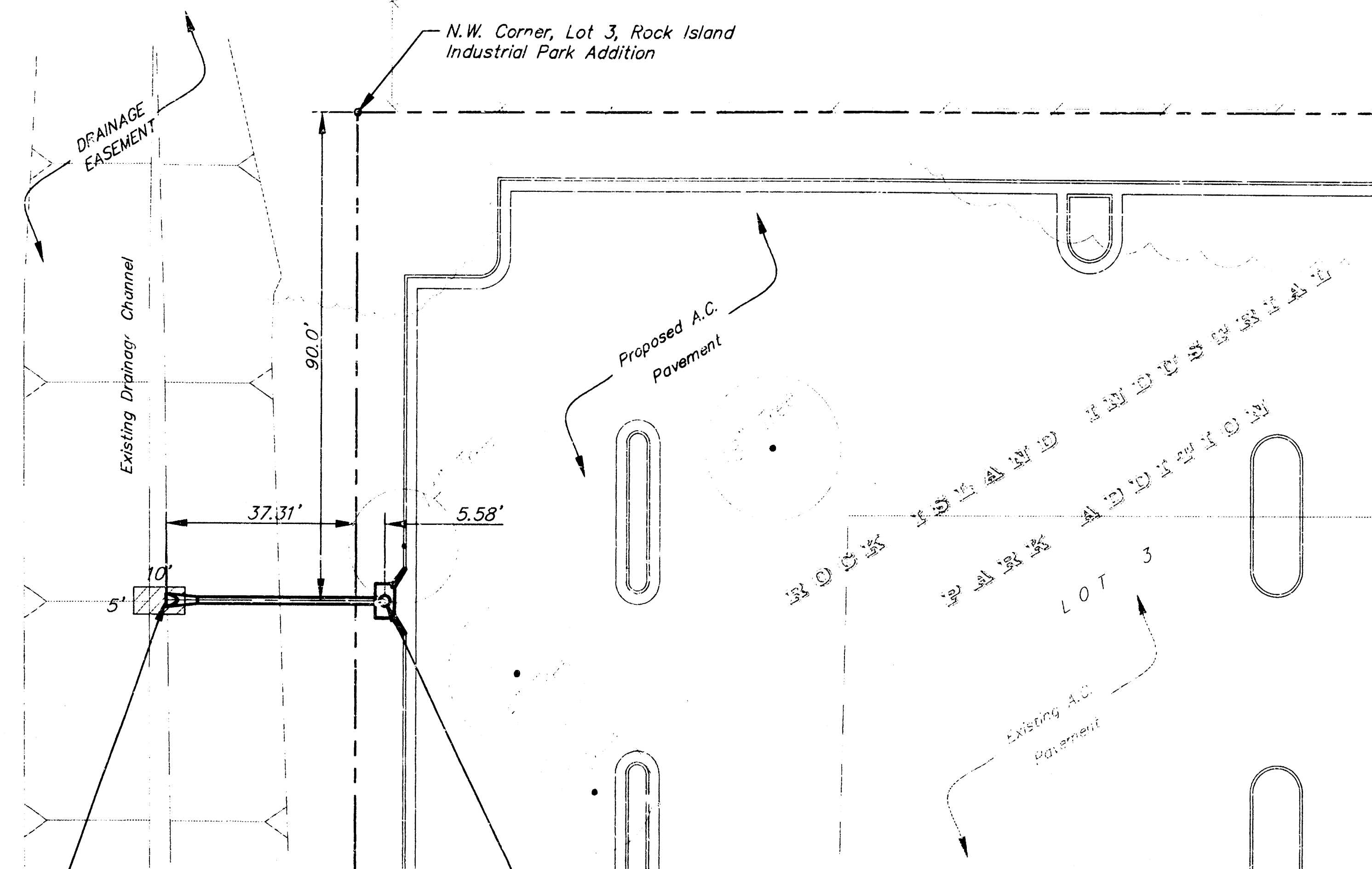




LOCATION MAP



VICINITY MAP



STATION 0+00, INSTALL 42.9 L.F. 15" RCP W/ END SECTION. (LENGTH INCLUDES END SECTION) PLACE 5.55 S.Y. LIGHT STONE RIPRAP AS INDICATED (HEAVY)

STATION 0+42.9, INSTALL TYPE 1-A CURB INLET. L = 6' 4" W = 4' 4" TOP ELEV. 87.20

SCALE
1" = 20' Horiz. (Plan)
1" = 5' Vert. (Profile)

GENERAL NOTES

Traffic will not be affected by construction of this project.

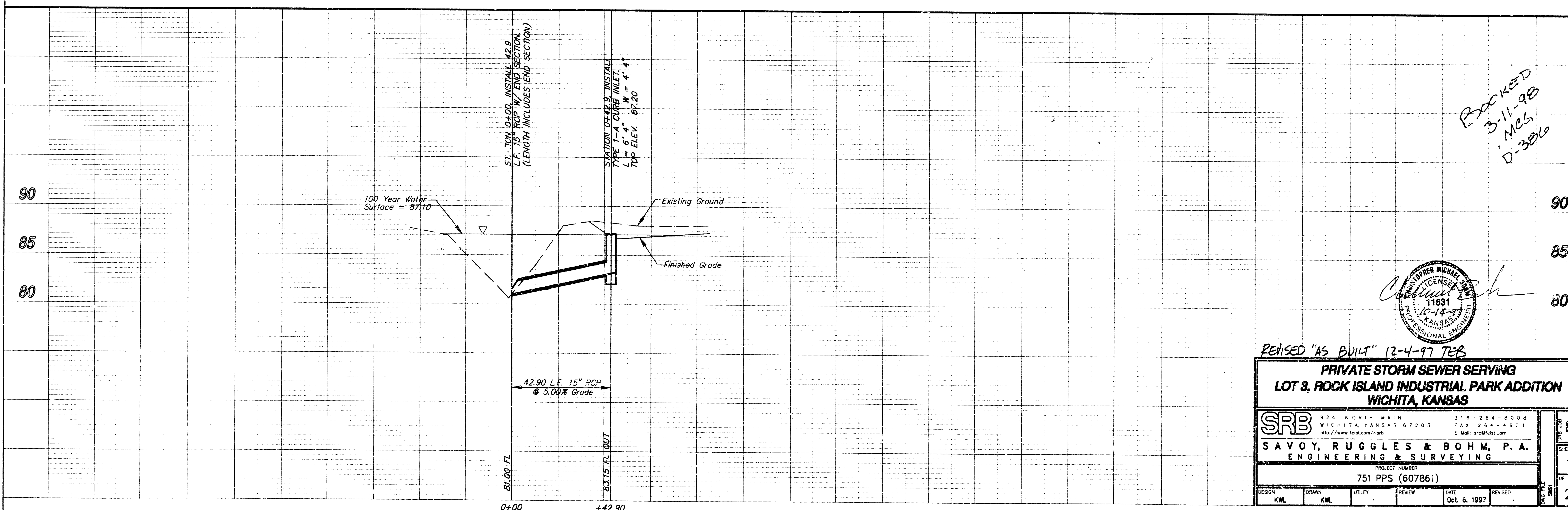
Storm sewer shall be constructed in accordance with City of Wichita Standard Specifications for Storm Sewer Construction.

Areas of public R/W disturbed by construction of this project shall be restored in accordance with City of Wichita Administrative Regulation AR 78.

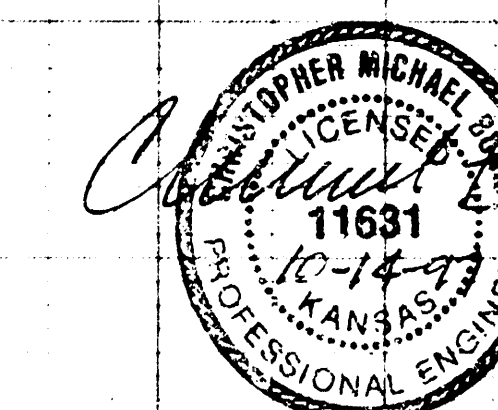
APPROVED AS NOTED BY CITY ENGINEER OF WICHITA	
Sanitary Sewers	
Storm Sewers	VRH 10/14/97
Driveway Approaches	
Water Mains	
Paving	
NOTE TO CONTRACTORS	
Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection, nor shall any work be commenced without written authorization by the City Engineer.	

DRAINAGE CALCULATIONS

D.A. = 1.3 ACRES
C5 = 0.87
C100 = 0.89
15 = 4.56 in/hr.
1100 = 7.37 in/hr.
Q5 = 5.2 cfs
Q100 = 8.5 cfs



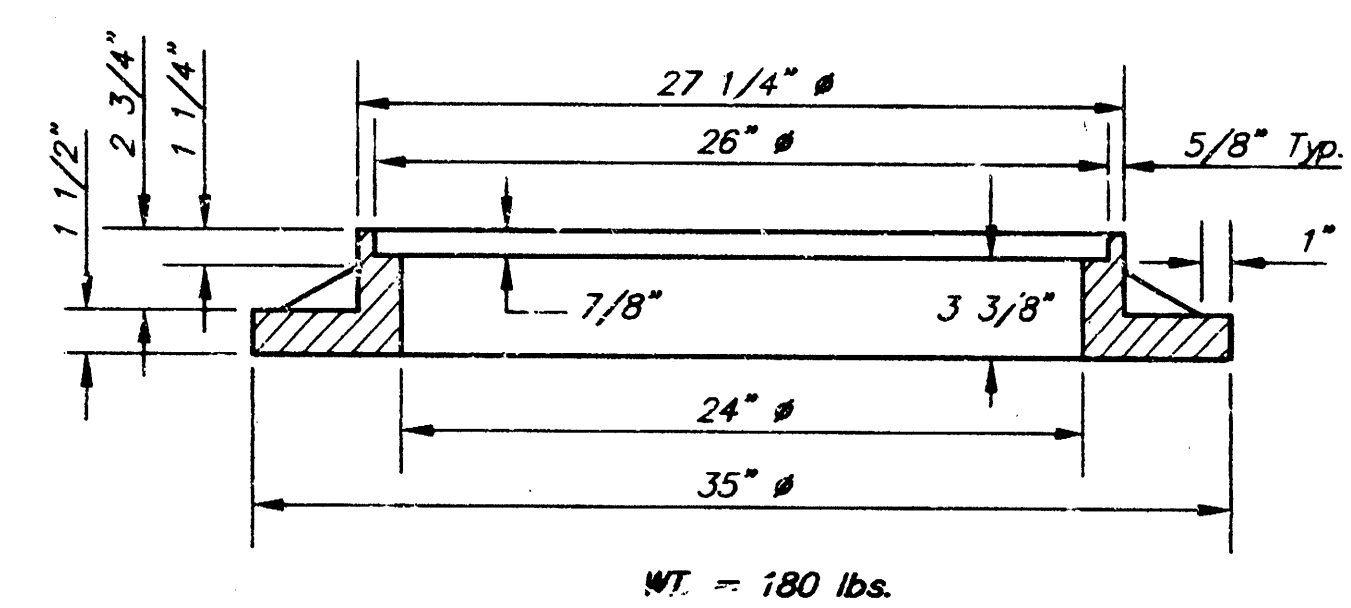
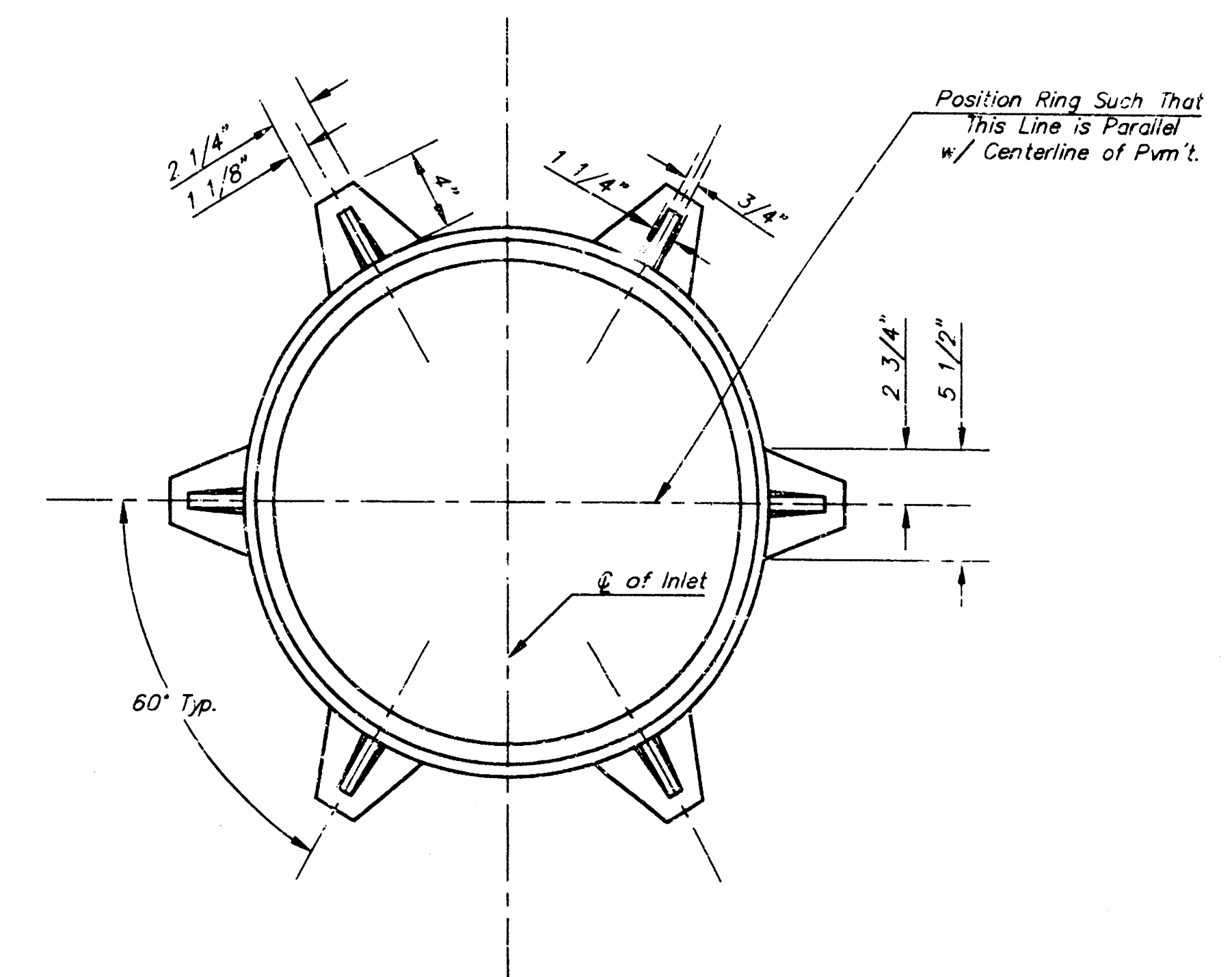
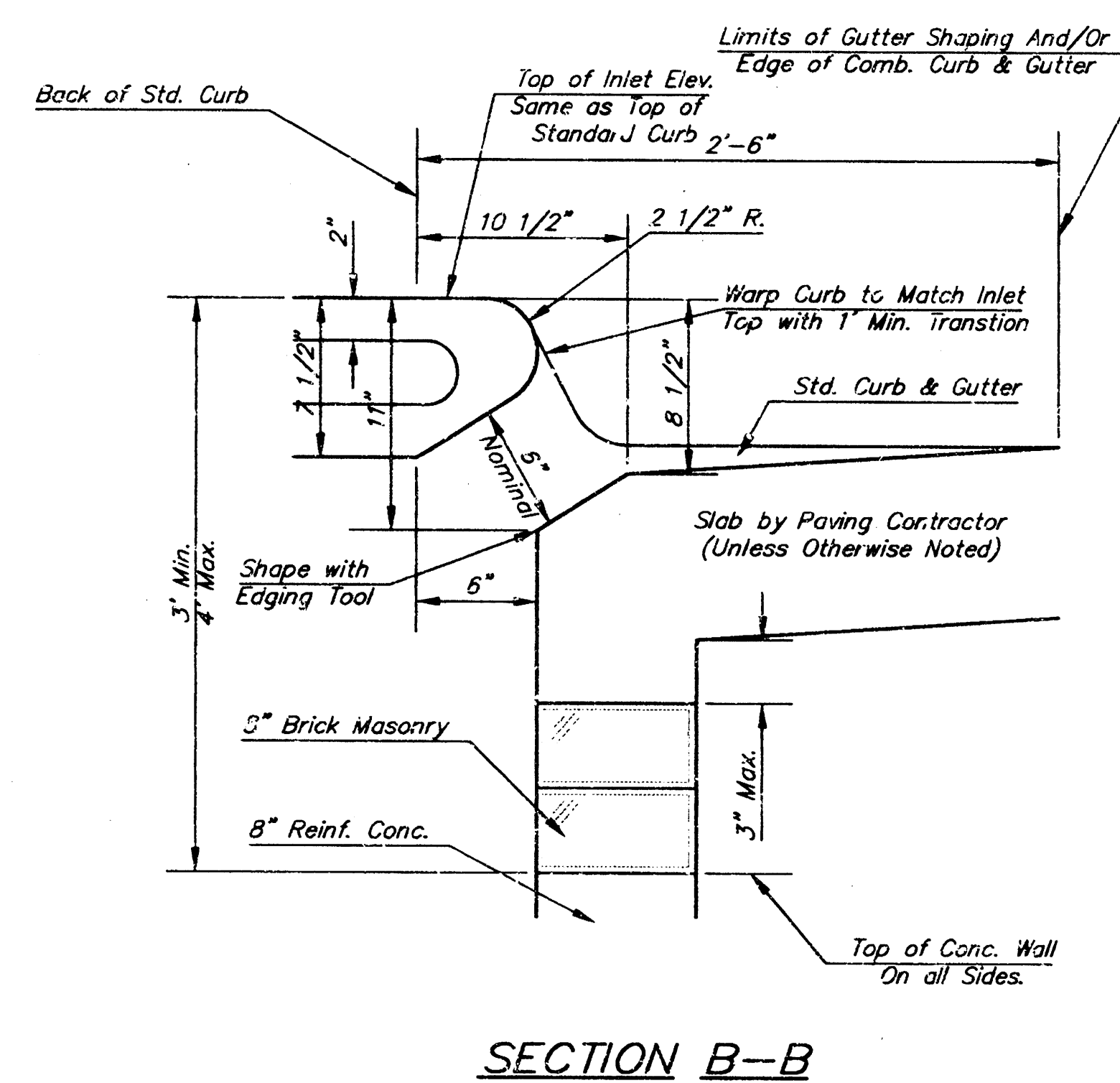
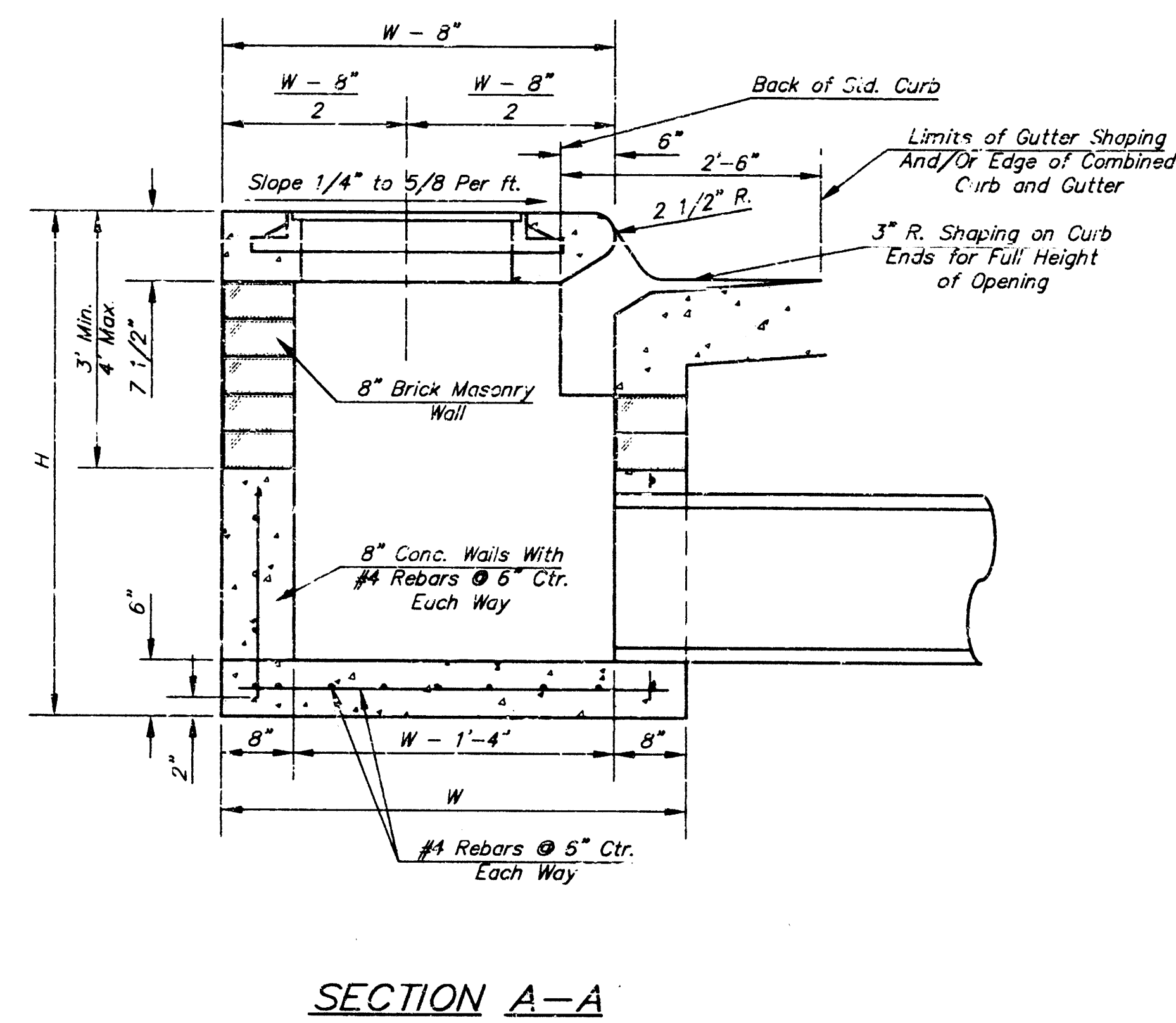
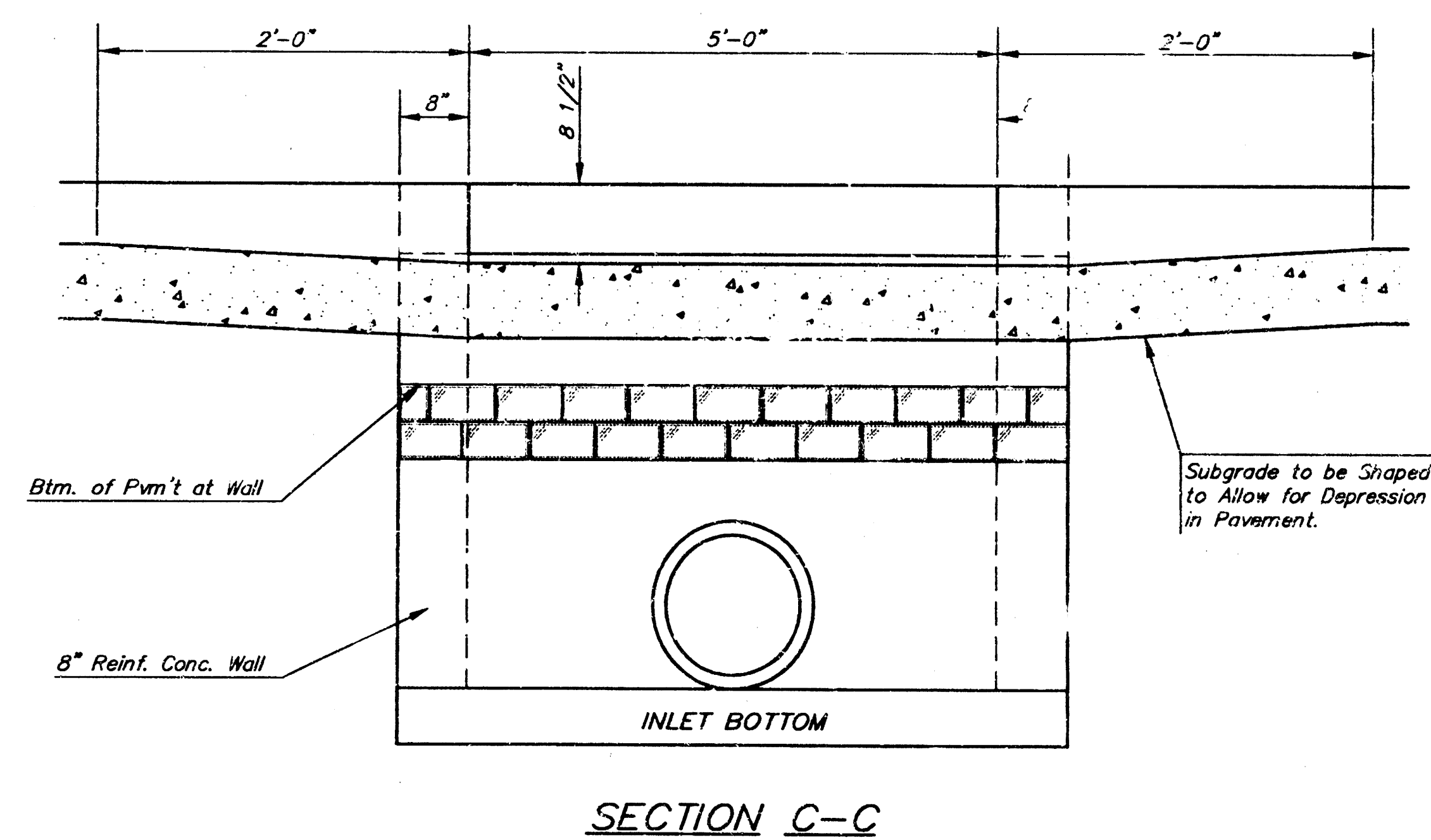
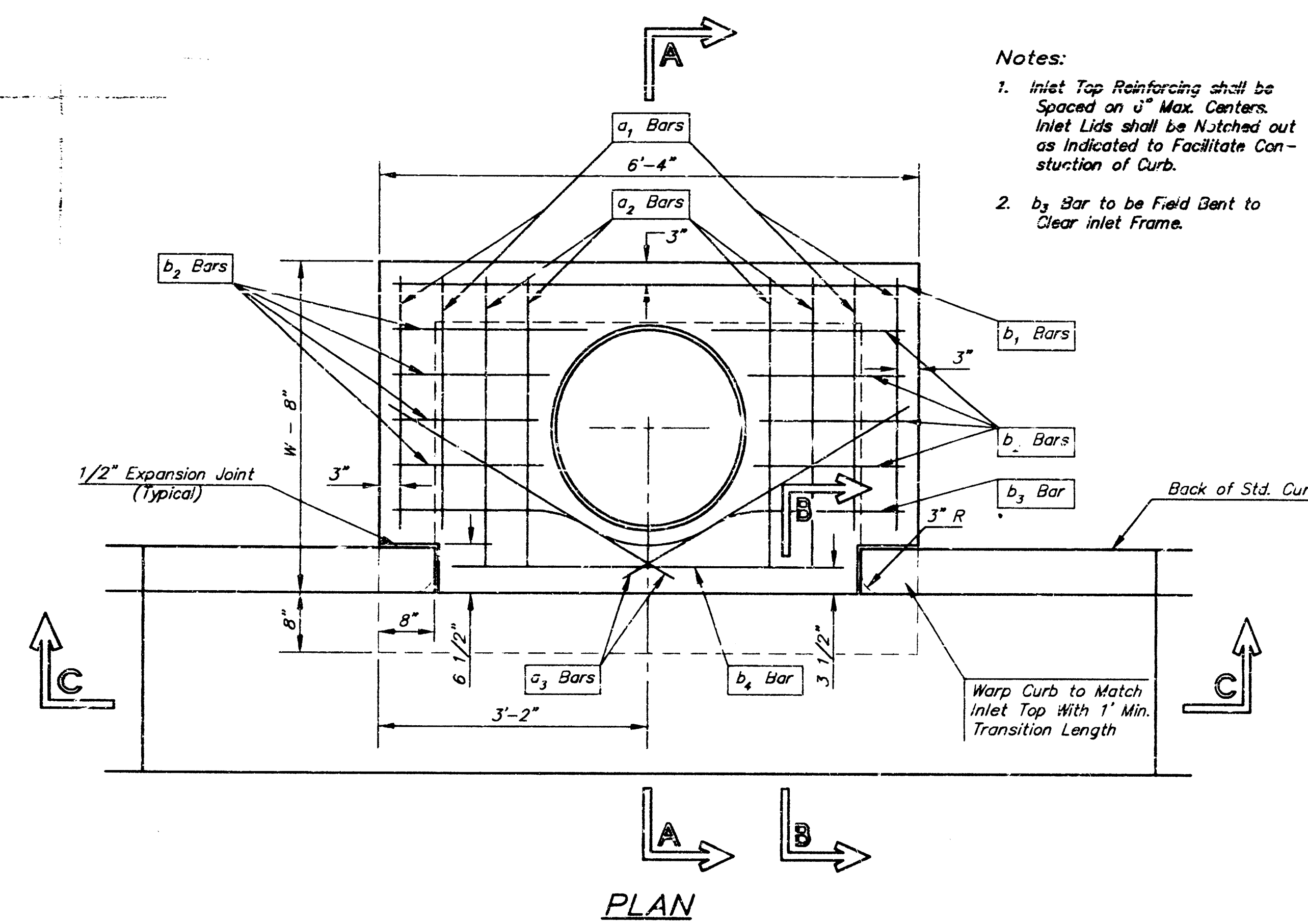
BOOKED
3-11-98
MCS
D-386



REVISED "AS BUILT" 12-4-97 TEB

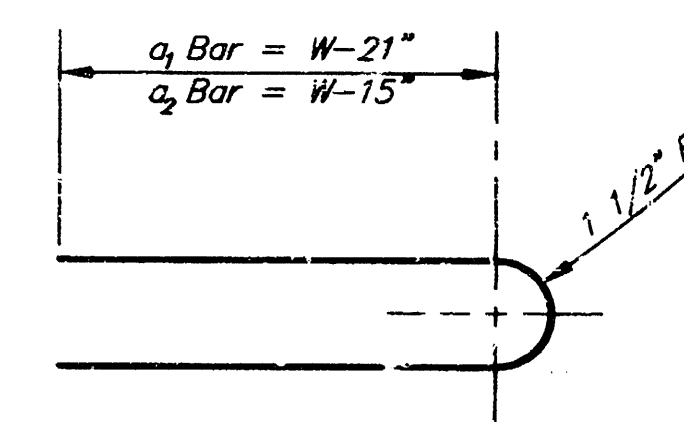
PRIVATE STORM SEWER SERVING
LOT 3, ROCK ISLAND INDUSTRIAL PARK ADDITION
WICHITA, KANSAS

SRB 924 NORTH MAIN 316-264-8008 WICHITA, KANSAS 67203 FAX 264-4621 http://www.fest.com/~srb E-Mail: srb@fest.com	
SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING	
PROJECT NUMBER 751 PPS (607861)	
DESIGN KWL	DATE Oct. 6, 1997
DRAWN KWL	REVISED
UTILITY	
REVIEW	
SHEET 1 OF 2	



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	a ₂	a ₃	b ₁	b ₂	b ₃	b ₄	WT. Lbs.
NUMBER	4	4	2	1	3	5	7	9
SIZE	#4	#4	#4	#4	#4	#4	#4	#4
LENGTH	W-4'-4"	5'-7"	6'-7"	4'-0"	6'-1"	-	-	-
	W-5'-4"	7'-7"	8'-7"	5'-0"	-	6'-1"	-	-
	W-6'-4"	9'-7"	10'-7"	6'-0"	-	-	6'-1"	-
	W-7'-4"	11'-7"	12'-7"	7'-0"	-	-	-	6'-1"
	W-8'-4"	13'-7"	14'-7"	8'-0"	-	-	-	-

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

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"	0.84±
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.

THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 425 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 266-4201 (316) 266-4114 FAX	STANDARD TYPE 1 CURB INLET OPENING = 6"x5'-0"	
	M. E. LINDEBAK P.E. - CITY ENGINEER	
	PROJECT NUMBER 751 PPS	INDEX OF IT 607861
	DATE MAR 96	SHEET 2 OF 2