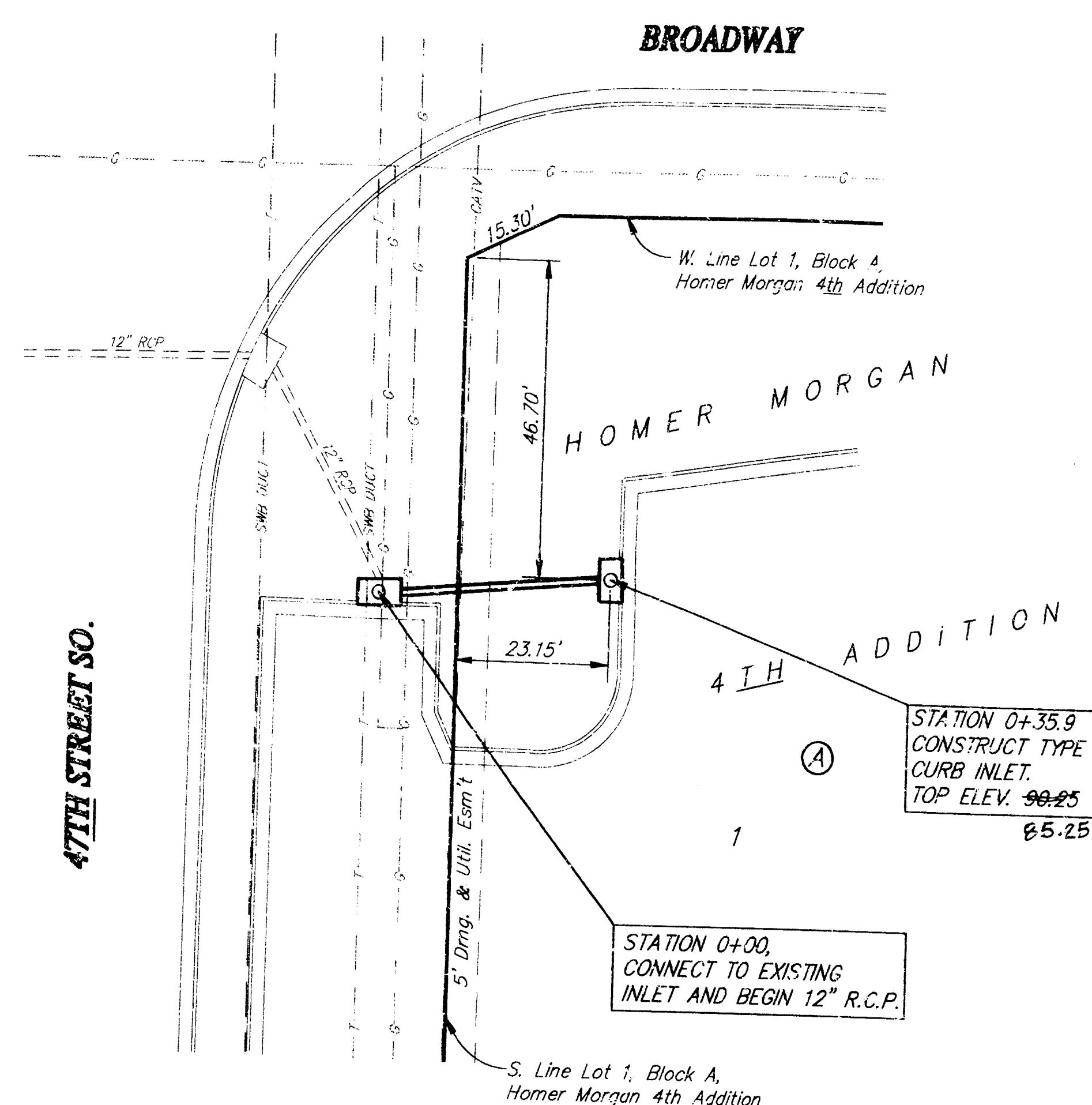
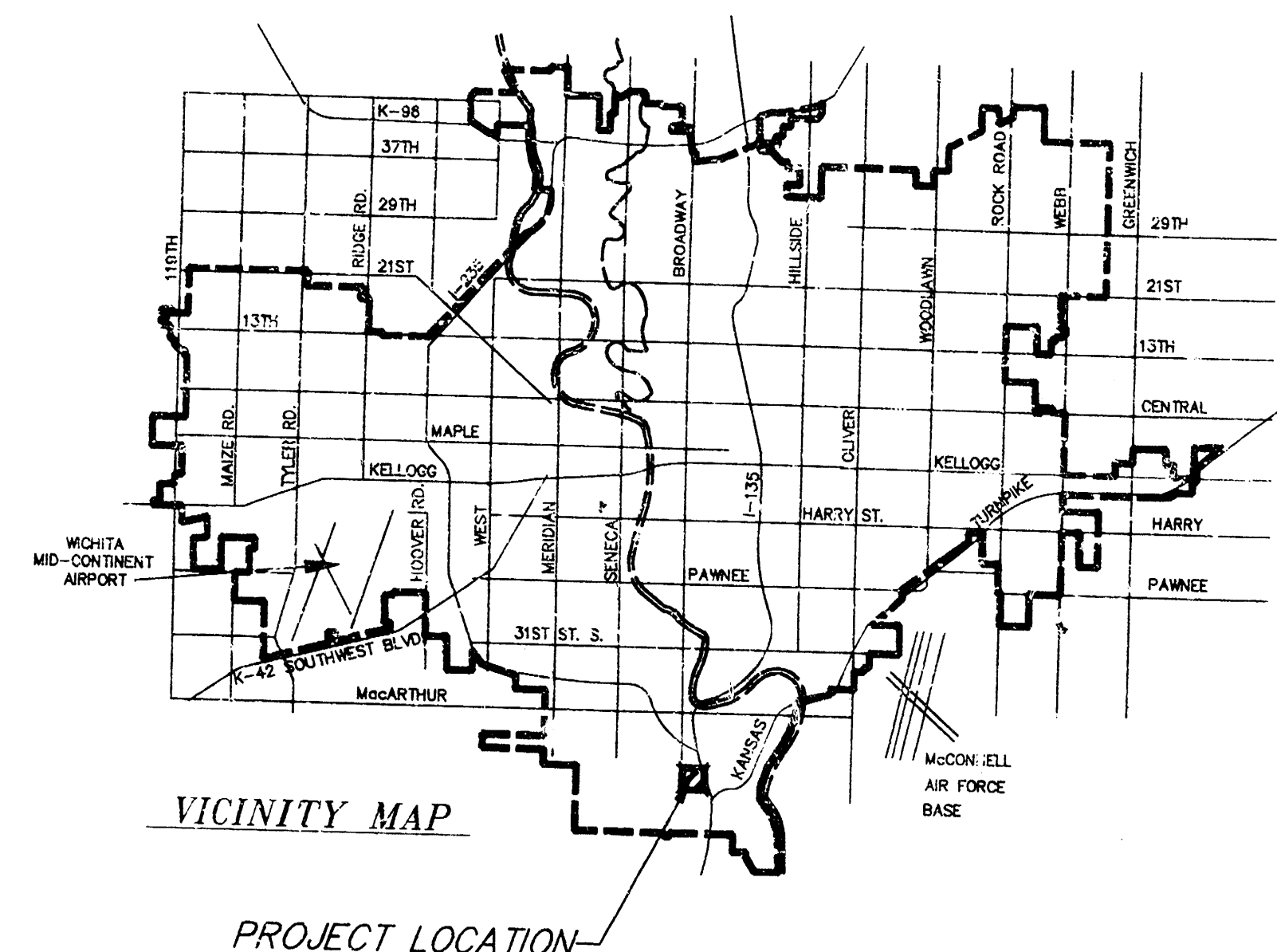


BENCH MARK:
CITY OF WICHITA DISC IN NE CORNER OF CONCRETE
BASE OF SIGNAL POLE, SW CORNER 47TH STREET
AND BROADWAY.
ELEVATION = 87.44 CITY DATUM



SRB

SCALE:
1"=20' PLAN
1"=5' PROFILE

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Sanitary Sewers _____

Storm Sewers VRH 6/13/94

Driveway Approaches _____

Water Mains _____

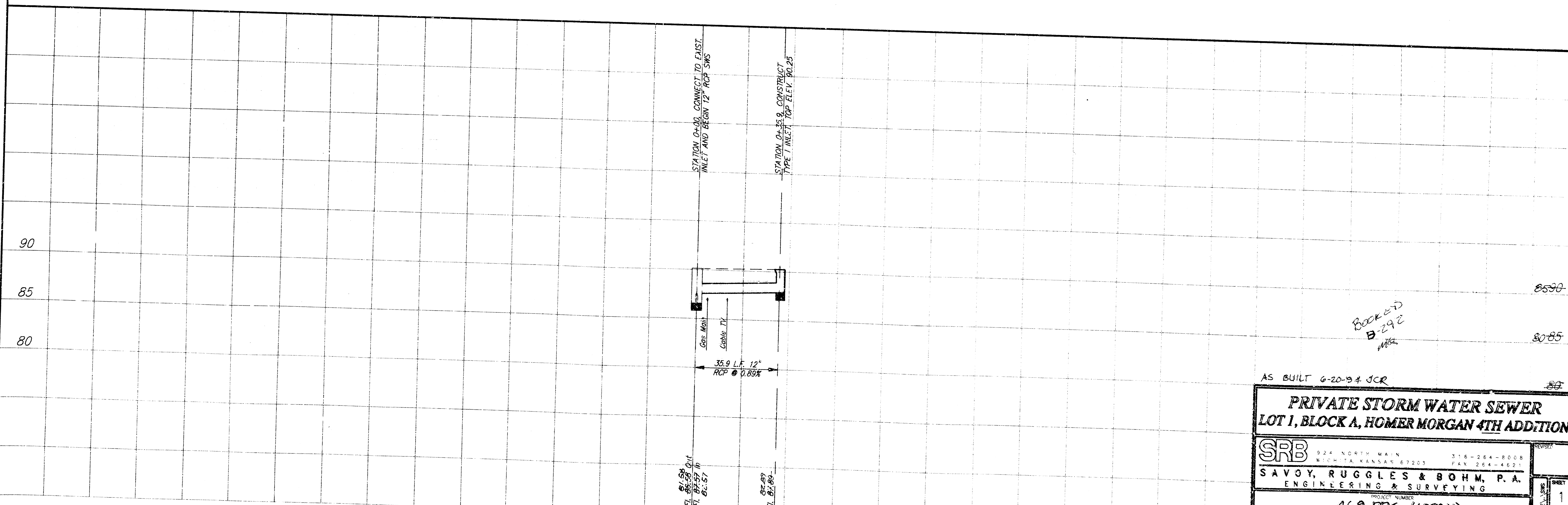
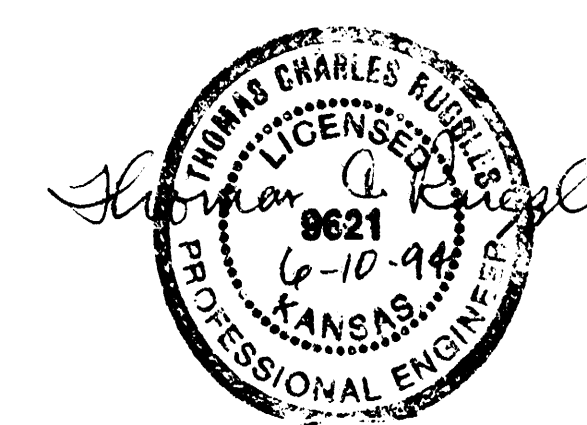
Paving _____

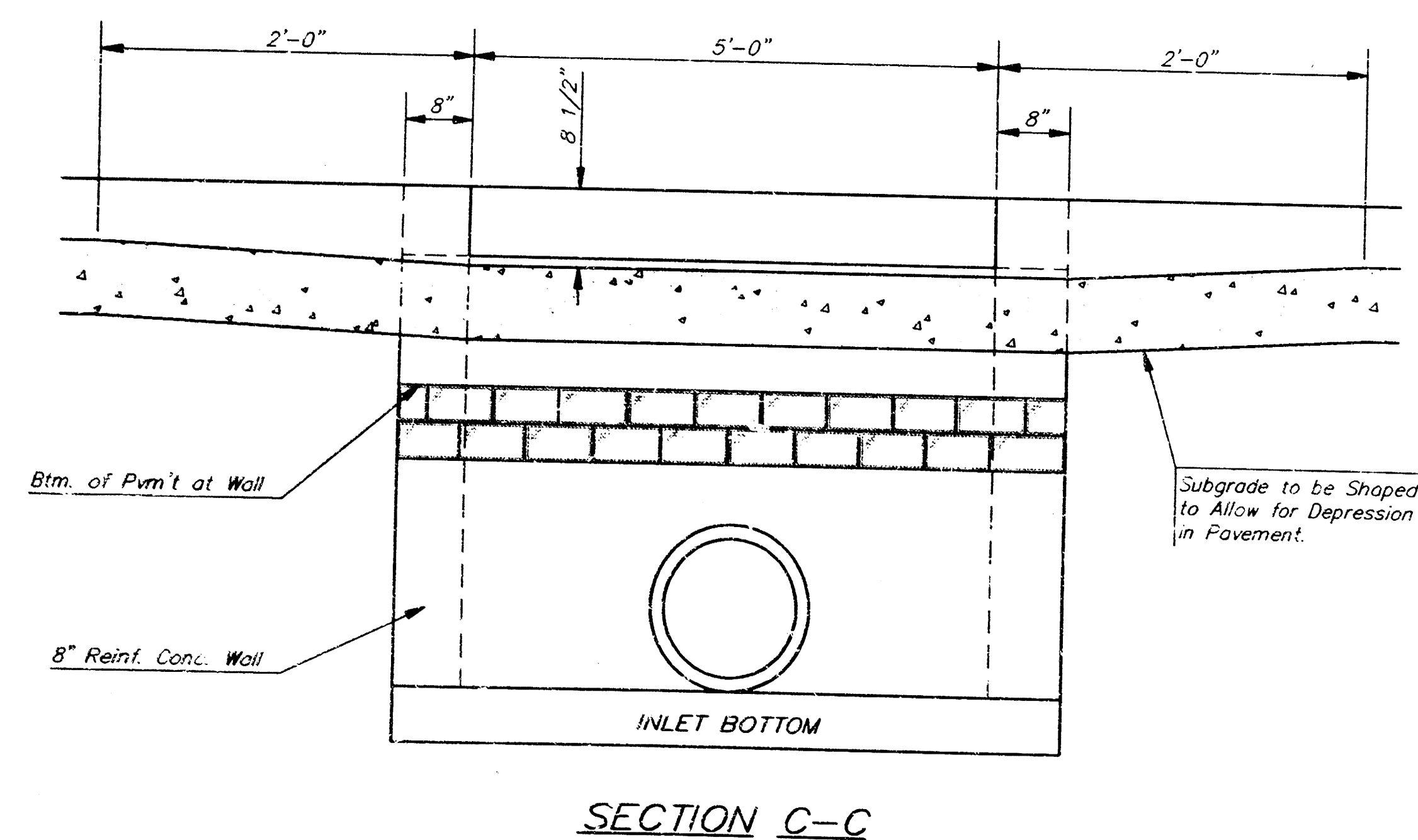
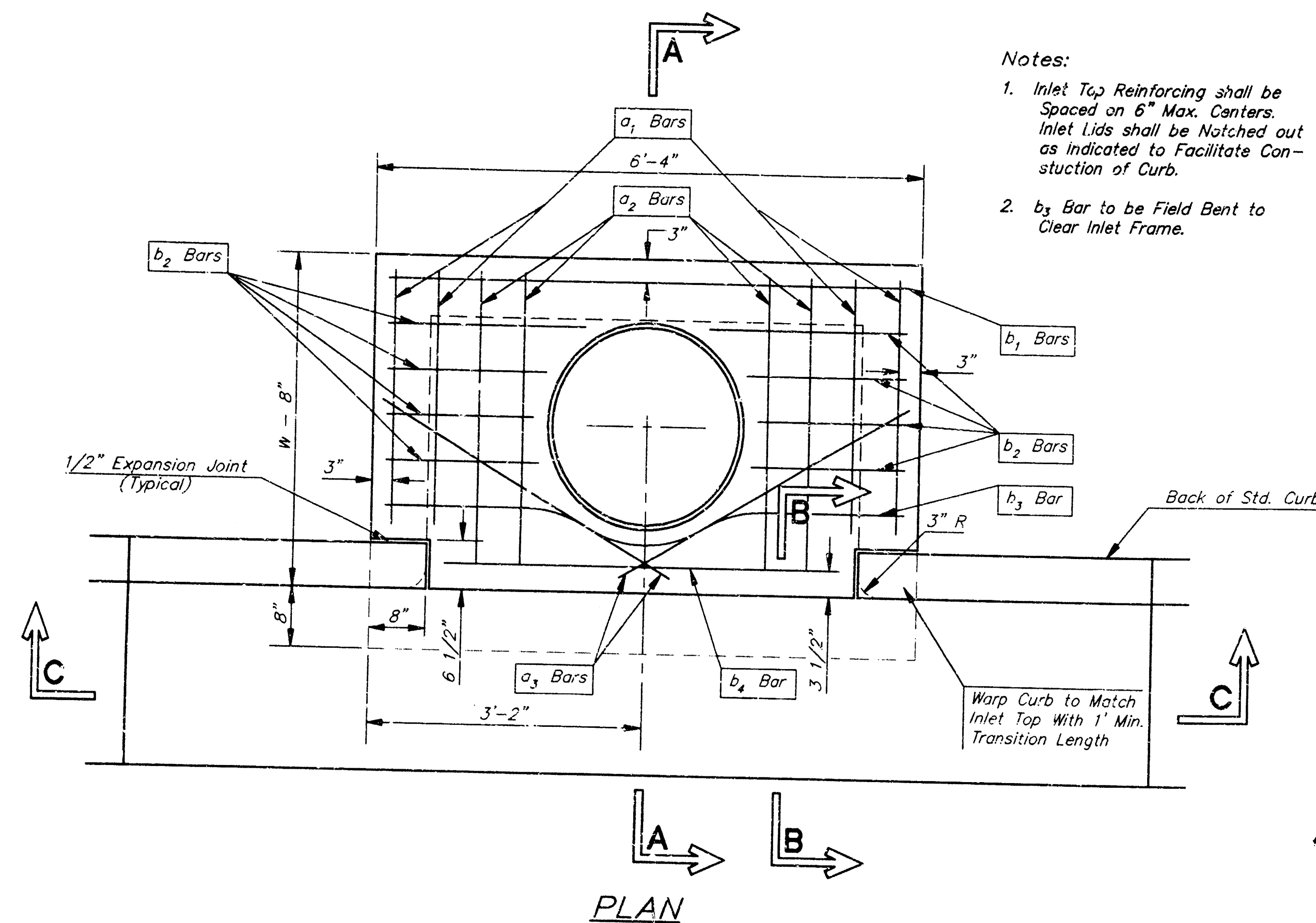
SPECIAL NOTE

This plan is as-built. Construction was complete at time of plan preparation JCR

RUNOFF (BY RATIONAL METHOD):

$A = 1.5$ ac	$T_c = 15$ minutes
$C_s = 0.90$	$C_{ra} = 0.97$
$I_s = 4.56$ "/hr.	$I_{ra} = 7.37$ "/hr.
$Q_s = 6.2$ cfs	$Q_{ra} = 10.7$ cfs





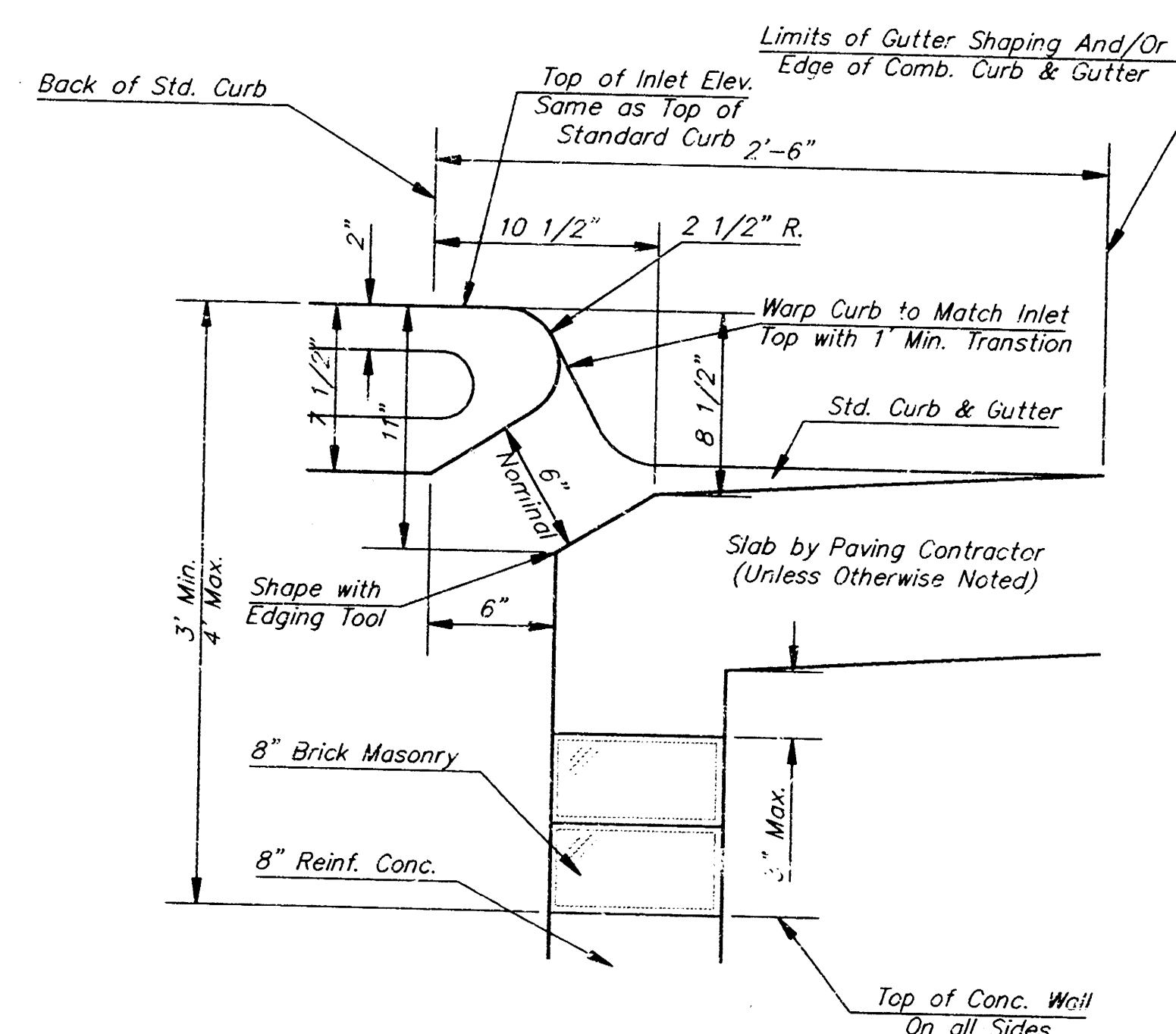
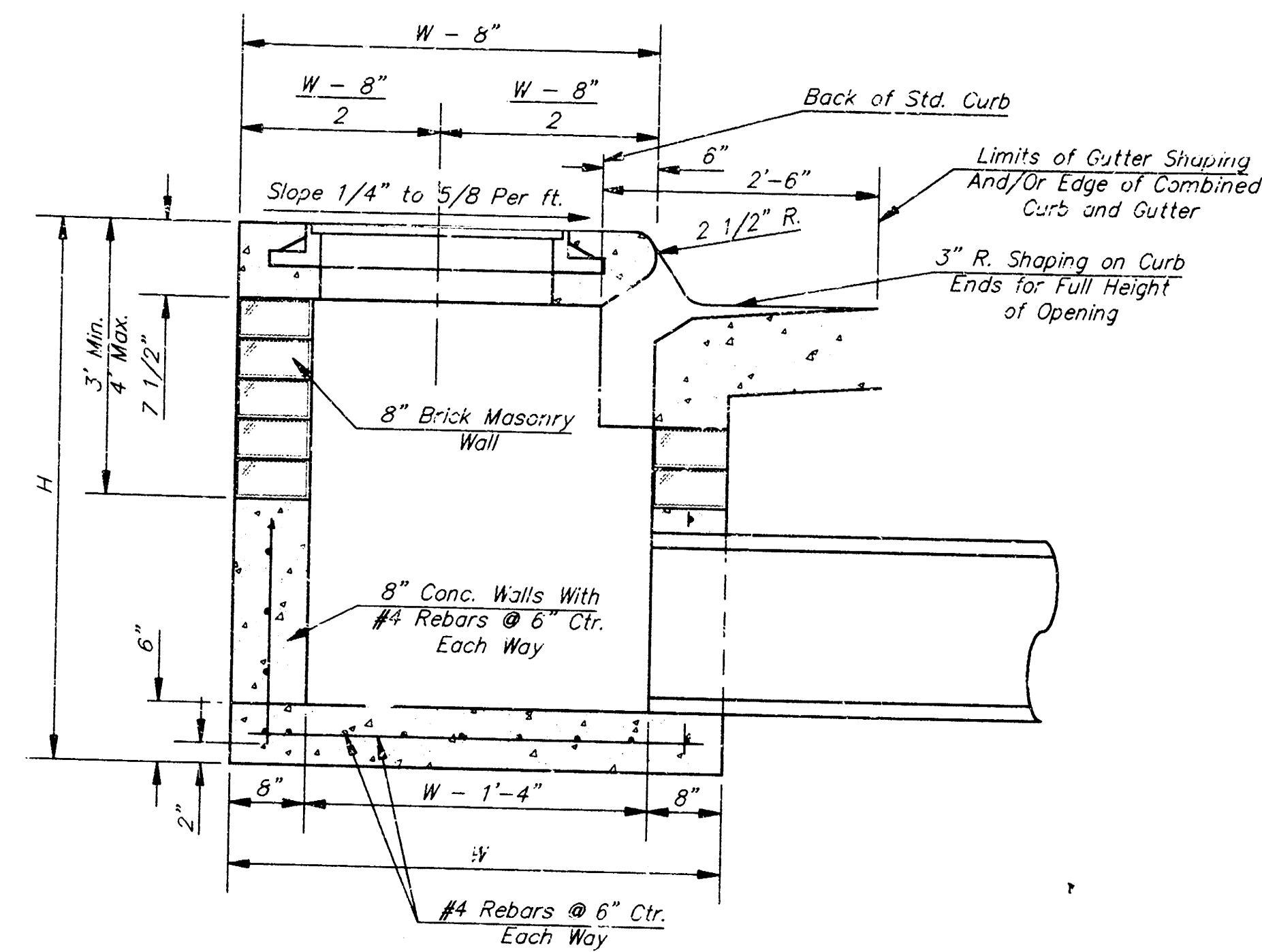
STEEL SCHEDULE

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	
SIZE	#4	#4	#4	#4	#4	#4	#4	
LENGTH	5'-7"	6'-7"	4'-0"	6'-1"	-	-	-	60±
	7'-7"	8'-7"	5'-0"	6'-1"	-	-	-	81±
	9'-7"	10'-7"	6'-0"	6'-1"	-	-	-	101±
	11'-7"	12'-7"	7'-0"	6'-1"	-	-	-	121±
	13'-7"	14'-7"	8'-0"	6'-1"	1'-3"	6'-2"	4'-8"	141±

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

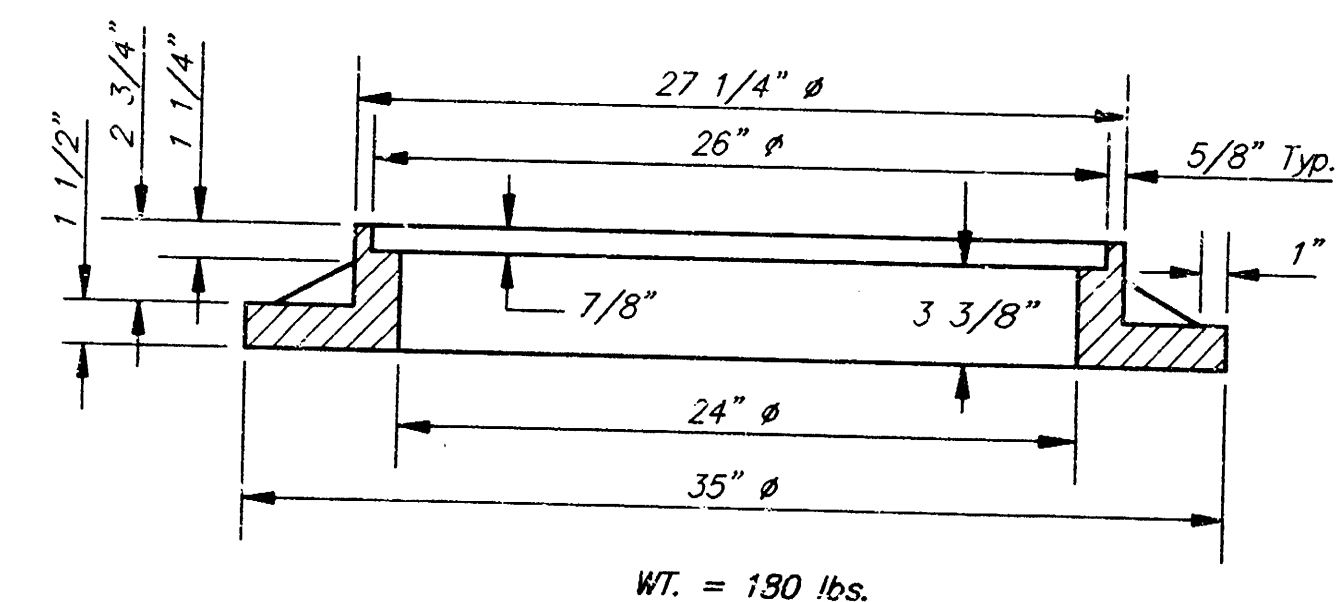
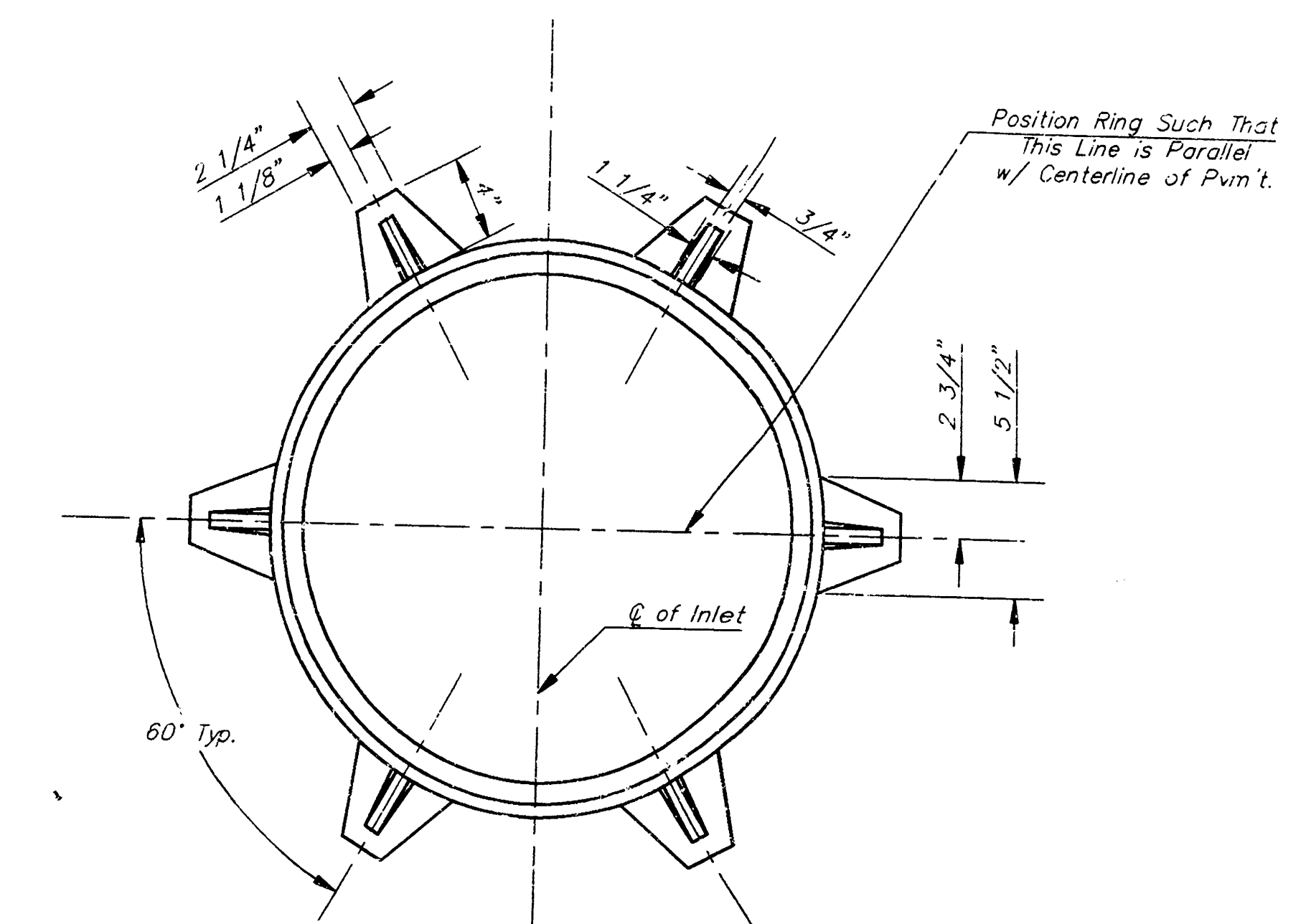
STANDARD CURB INLET PRECAST TOPS

#	PRE-CAST TOP SIZE	PIPE SIZE	CUL. YD. CONC.
4'-4"	3'-8" 6'-4" 7 1/2"	24" & SMALLER	0.35±
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±



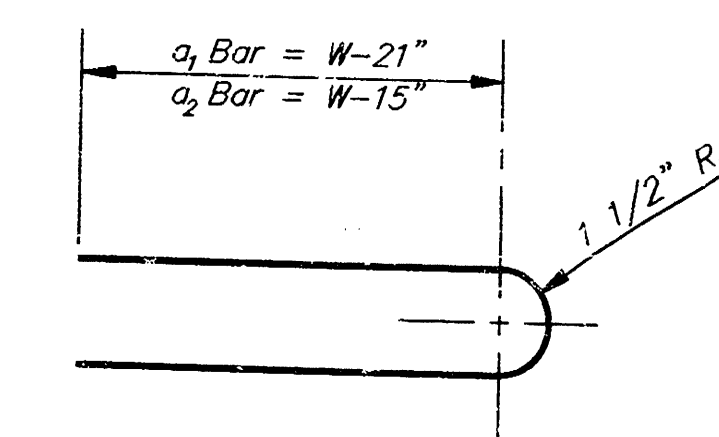
GENERAL NOTES

- 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 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.



MANHOLE RING AND COVER

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



STANDARD TYPE 1 INLET DETAILS CITY OF WICHITA, KANSAS

SRB		924 NORTH MAIN WICHITA, KANSAS 67203		316-264-8008 FAX 264-4621	
SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING					
PROJECT NUMBER 469 PPS (607861)					
DRAWN	DESIGN	REVIEW	DATE June 10, 1994	UTILITY	SRB JOB 153E
					2
					2