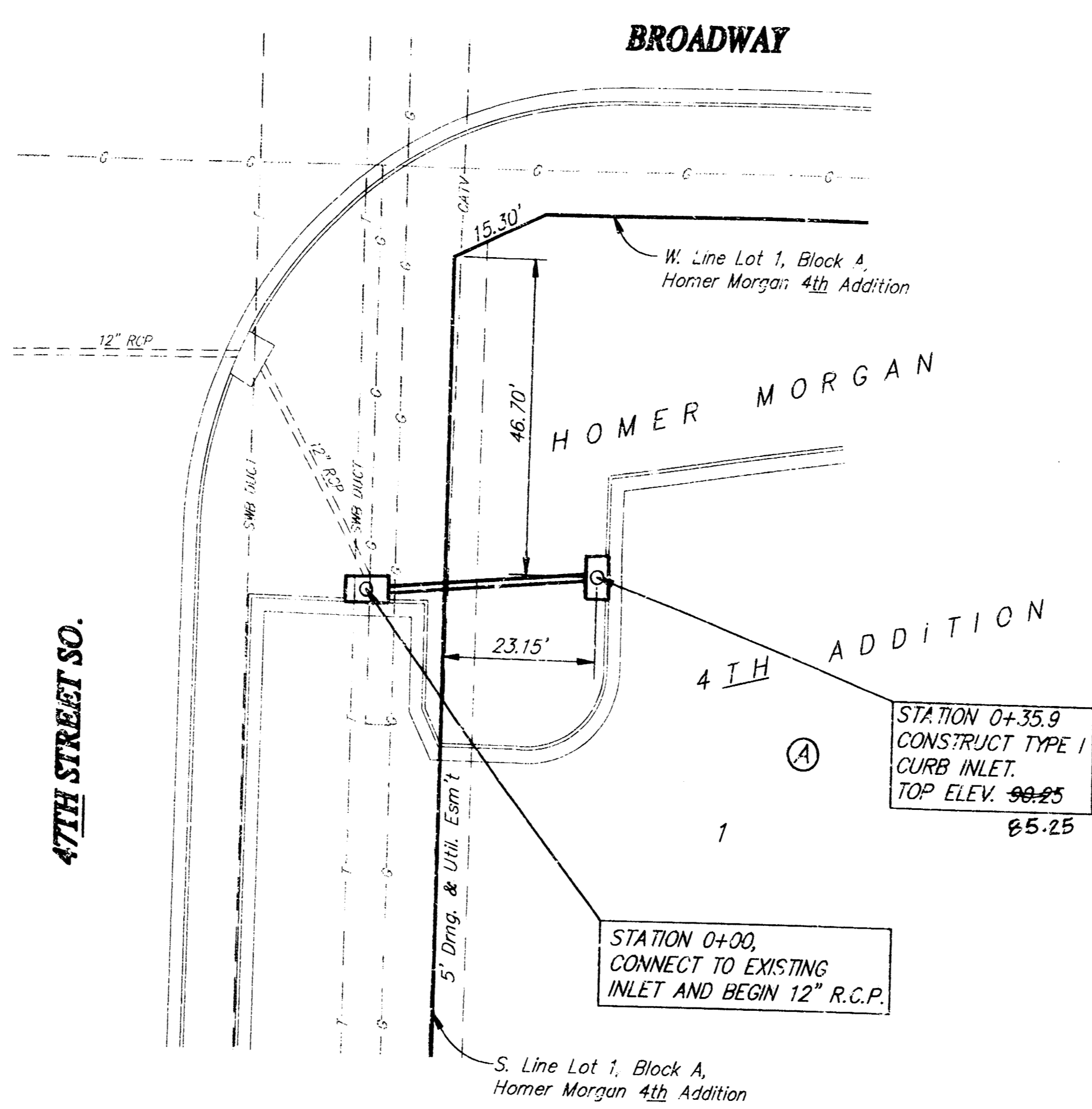
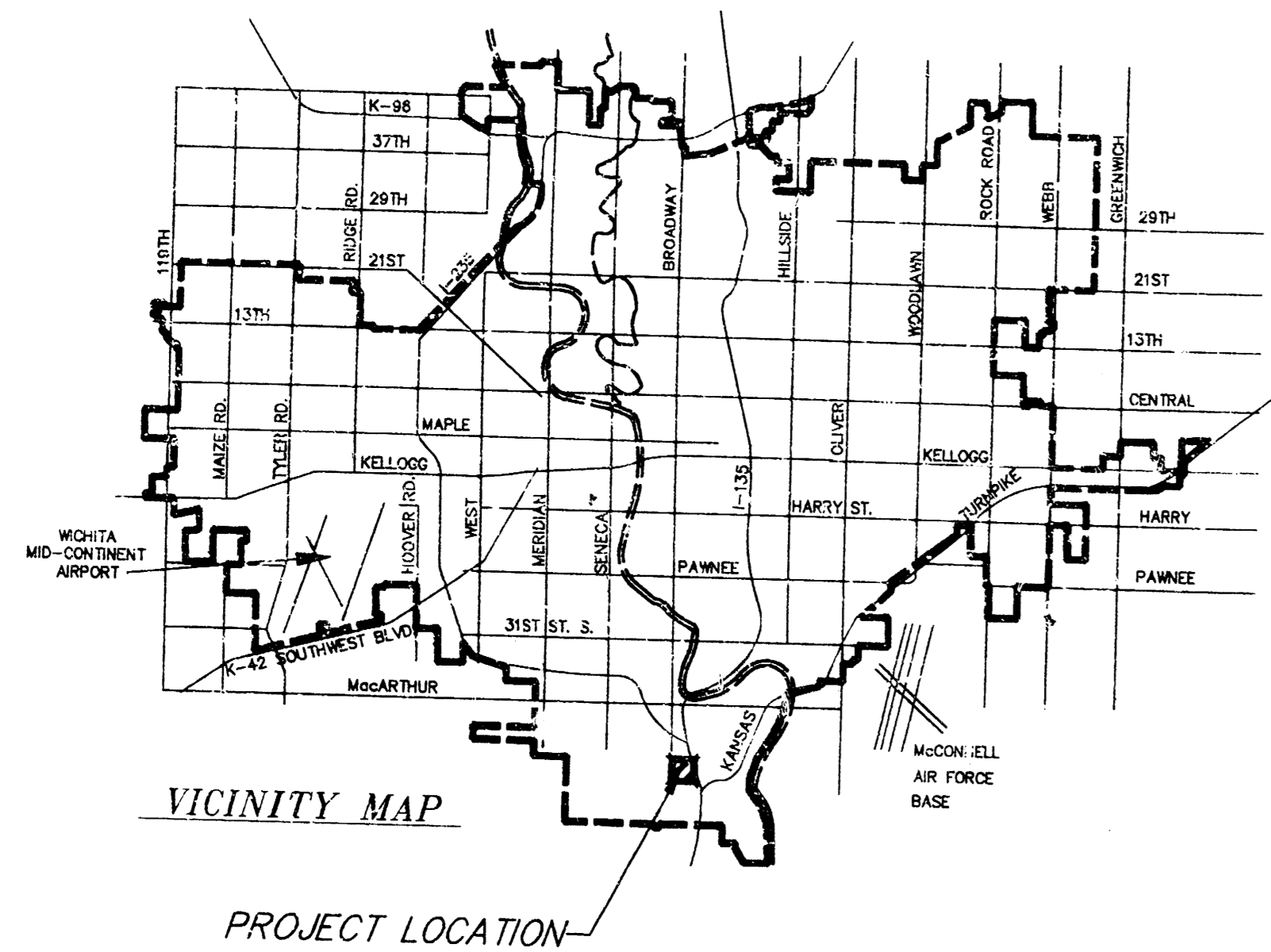


**BENCH MARK:**  
 CITY OF WICHITA DISC IN NE CORNER OF CONCRETE  
 BASE OF SIGNAL POLE, SW CORNER 47TH STREET  
 AND BROADWAY.  
 ELEVATION = 87.44 CITY DATUM

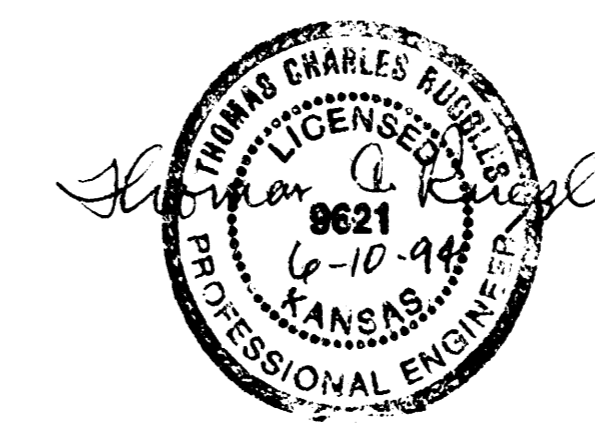


**SRB**  
 SCALE:  
 1"=20' PLAN  
 1"=5' PROFILE

APPROVED AS NOTED  
 BY CITY ENGINEER OF WICHITA

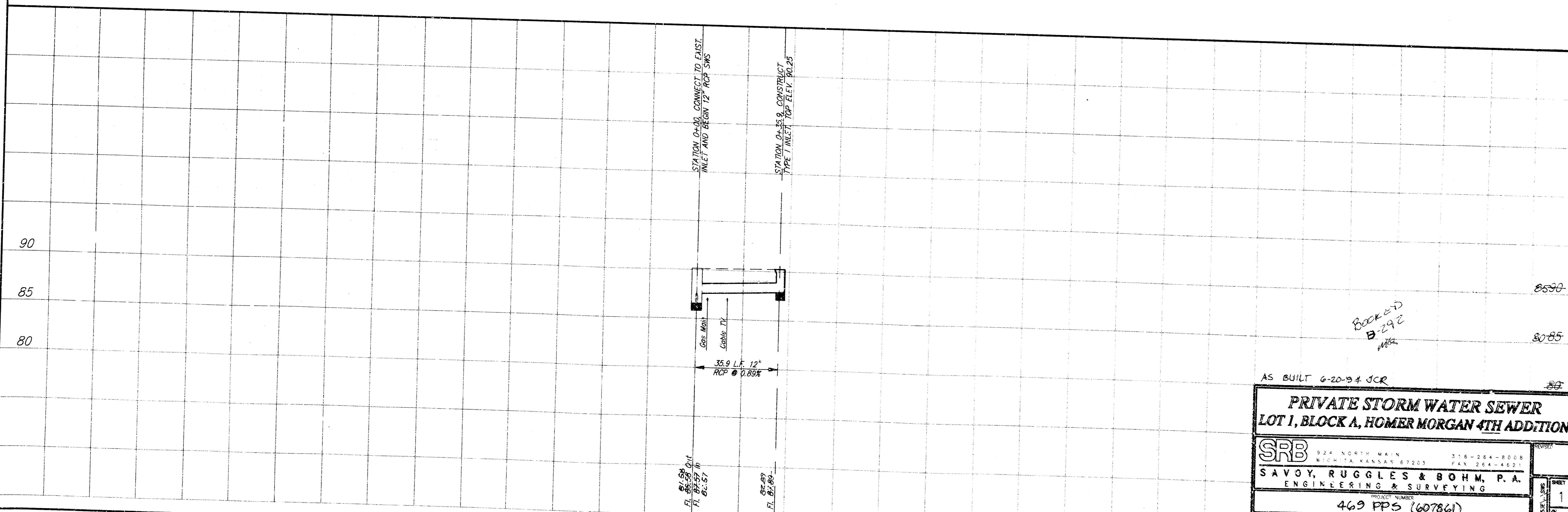
Sanitary Sewers \_\_\_\_\_  
 Storm Sewers VRH 6/13/94  
 Driveway Approaches \_\_\_\_\_  
 Water Mains \_\_\_\_\_  
 Paving \_\_\_\_\_

**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 <sub>c</sub> = 15 minutes
C <sub>s</sub> = 0.90	C <sub>100</sub> = 0.97
I <sub>s</sub> = 4.56"/hr.	I <sub>100</sub> = 7.37"/hr.
Q <sub>s</sub> = 6.2 cfs	Q <sub>100</sub> = 10.7 cfs



AS BUILT 6-20-94 JCR

**PRIVATE STORM WATER SEWER**  
**LOT 1, BLOCK A, HOMER MORGAN 4TH ADDITION**

**SRB** 924 NORTH MAIN 316-264-8008  
 WICHITA, KANSAS 67203 FAX 264-4621

**SAVOY, RUGGLES & BOHM, P. A.**  
 ENGINEERING & SURVEYING

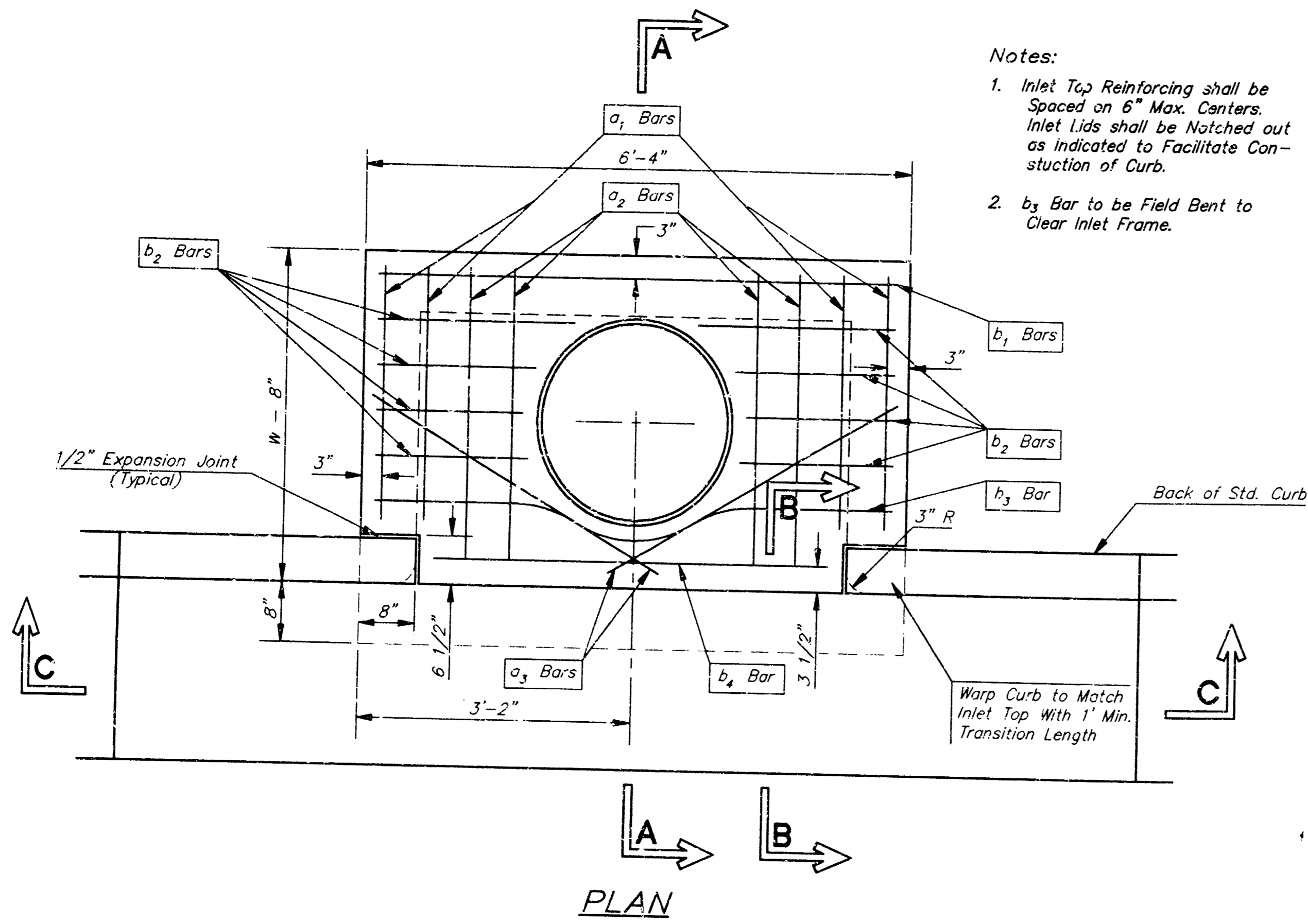
PROJECT NUMBER  
**469 PPS (607861)**

DATE	BY	DATE	BY
June 10, 1994	T.C.R.	June 10, 1994	T.C.R.

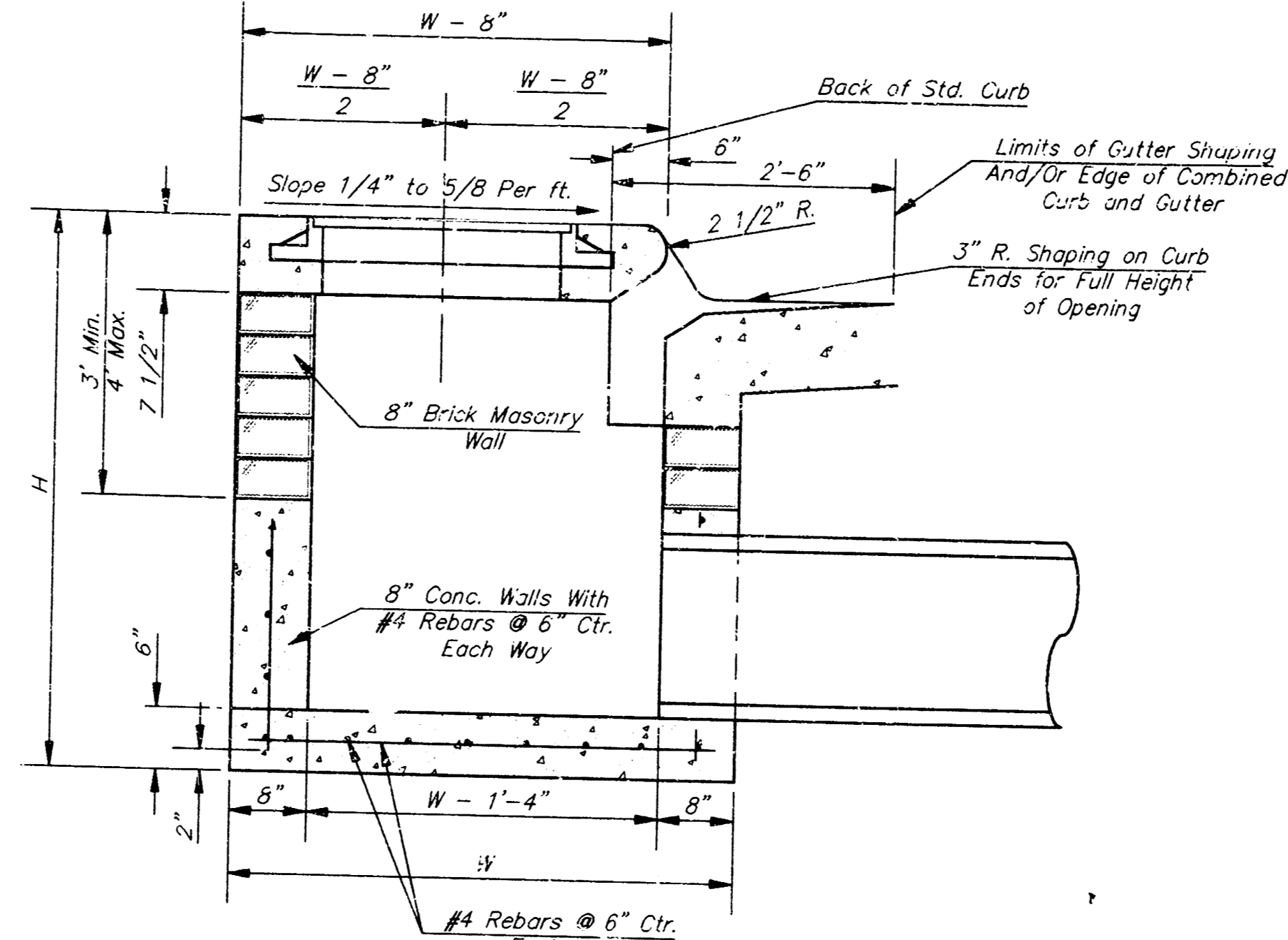
15.3E

BOOKED  
 B-292  
 MRS

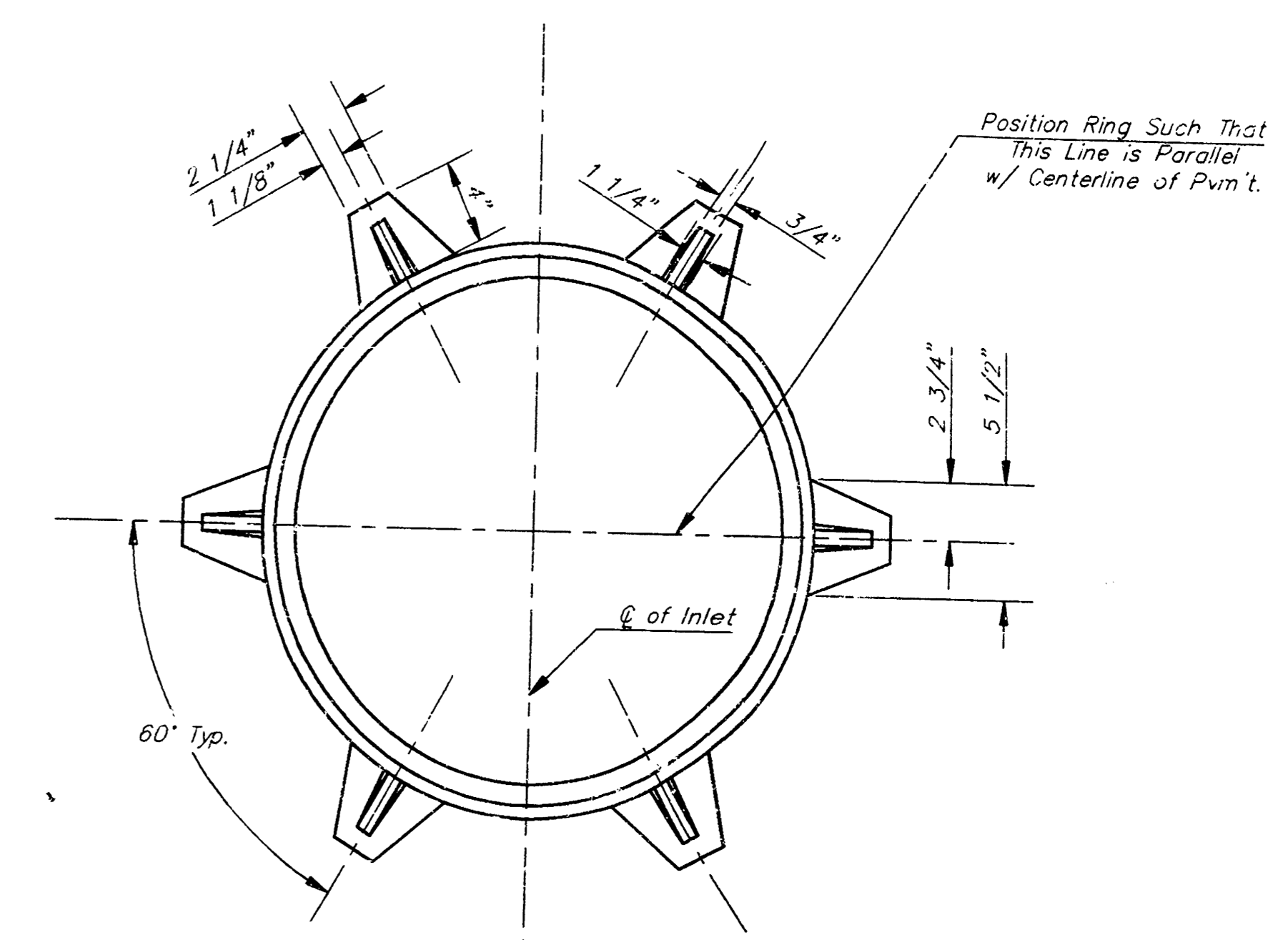
8530  
 8085  
 89



Notes:  
 1. Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids shall be Notched out as Indicated to Facilitate Construction of Curb.  
 2. b<sub>3</sub> Bar to be Field Bent to Clear Inlet Frame.

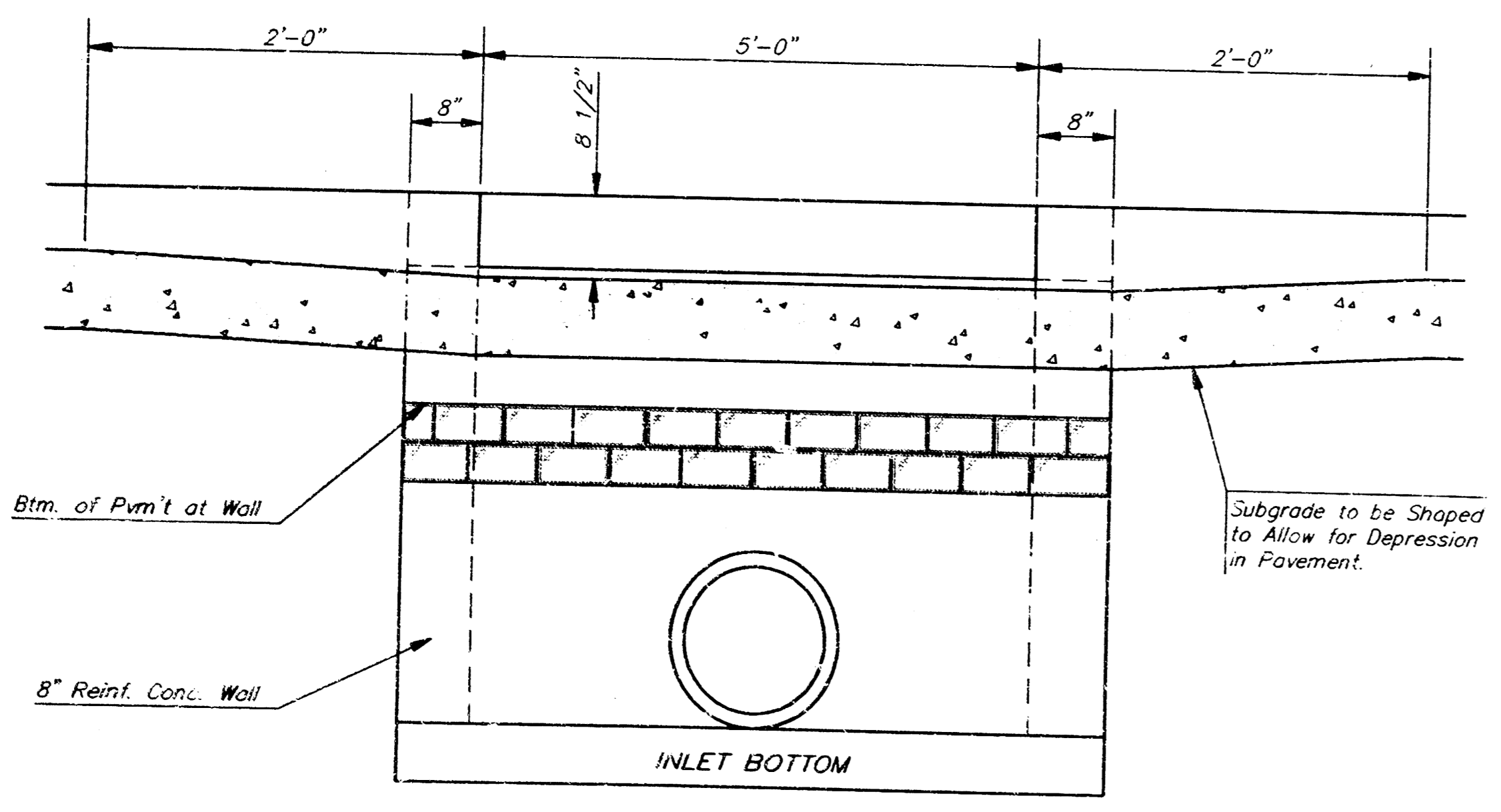


SECTION A-A

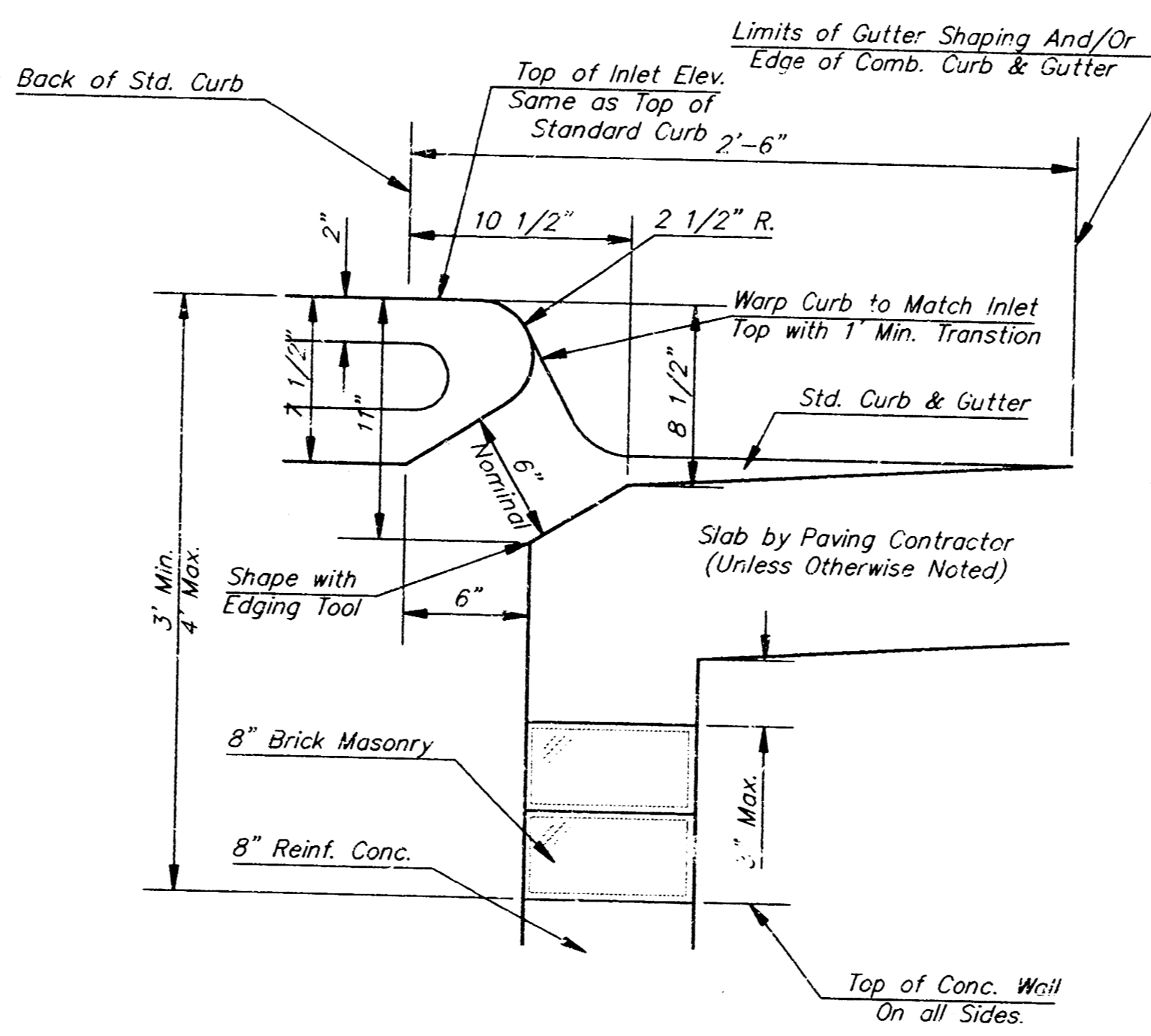


MANHOLE RING AND COVER

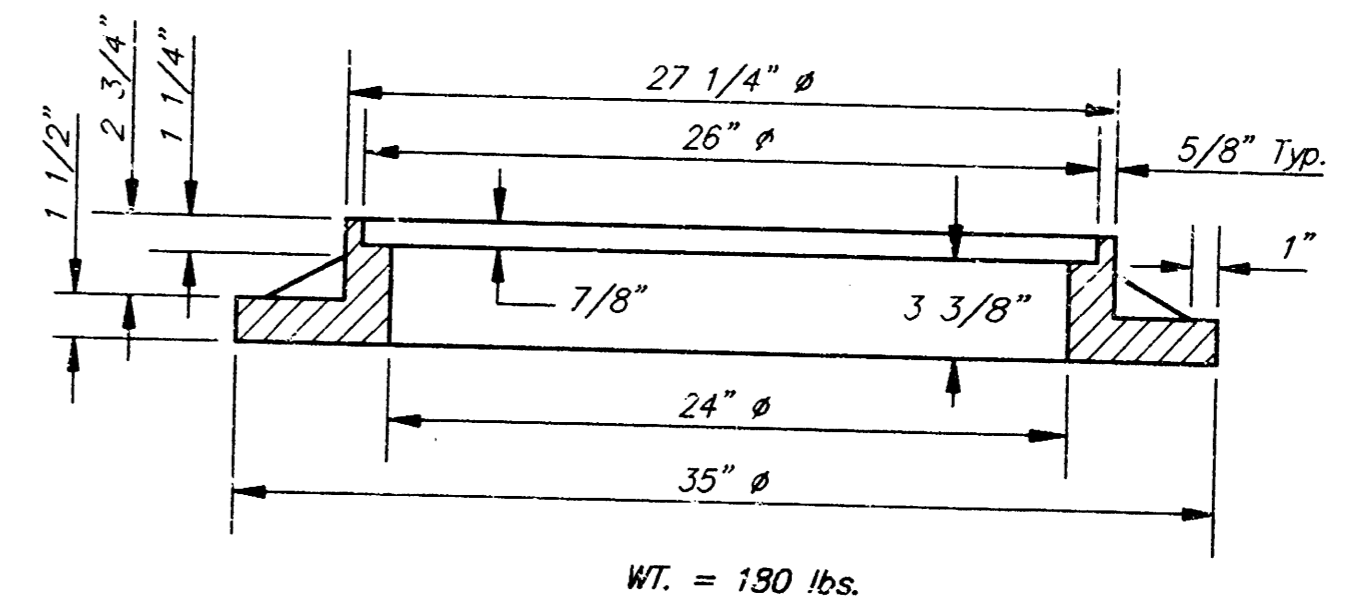
\*See City of Wichita Standard Manhole Ring and Cover Detail Sheet for Cover Details to Be Used With Inlet Frame.



SECTION C-C



SECTION B-B



BENDING DIAGRAM

STEEL SCHEDULE

BAR NUMBER	a <sub>1</sub>	a <sub>2</sub>	a <sub>3</sub>	b <sub>1</sub>				b <sub>2</sub>	b <sub>3</sub>	b <sub>4</sub>	WT. LBS.
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
#4-4"	5'-7"	6'-7"	4'-0"	6'-1"	-	-	-	1'-9"	6'-2"	4'-8"	60±
#4-5"	7'-7"	8'-7"	5'-0"	6'-1"	-	-	-	1'-9"	6'-2"	4'-8"	81±
#4-6"	9'-7"	10'-7"	6'-0"	-	6'-1"	-	-	1'-9"	6'-2"	4'-8"	101±
#4-7"	11'-7"	12'-7"	7'-0"	-	-	6'-1"	-	1'-9"	6'-2"	4'-8"	121±
#4-8"	13'-7"	14'-7"	8'-0"	-	-	-	6'-1"	1'-9"	6'-2"	4'-8"	141±

Note: a<sub>3</sub> Bars to be Placed Approx. 2" Below Top of Inlet Cover.

STANDARD CURB INLET PRECAST TOPS

#	PRE-CAST TOP SIZE	PIPE SIZE	CU. 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 B 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.

**STANDARD TYPE 1 INLET DETAILS**  
**CITY OF WICHITA, KANSAS**

SRB 924 NORTH MAIN WICHITA, KANSAS 67203 316-264-8008  
 SAVOY, RUGGLES & BOHM, P. A. ENGINEERING & SURVEYING  
 PROJECT NUMBER: 4-69 PPS (607861)

DATE: June 10, 1994

REVISIONS:  
 2  
 2