

STORMWATER SEWER IMPROVEMENTS TO SERVE LOT 18 BLOCK 1 INDUSTRIAL AIR CENTER N.M.F. AMERICA INC.

BENCHMARK

Step Bench in LP 50' West
of East 1/4 Cor. of Sec. 2.
Elev. = 1418.42

"0" of "Open" on FH @
Northeast Corner of Site
Elev. = 1424.49

GENERAL NOTES

- Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:

Kansas One-Coil	681-2470
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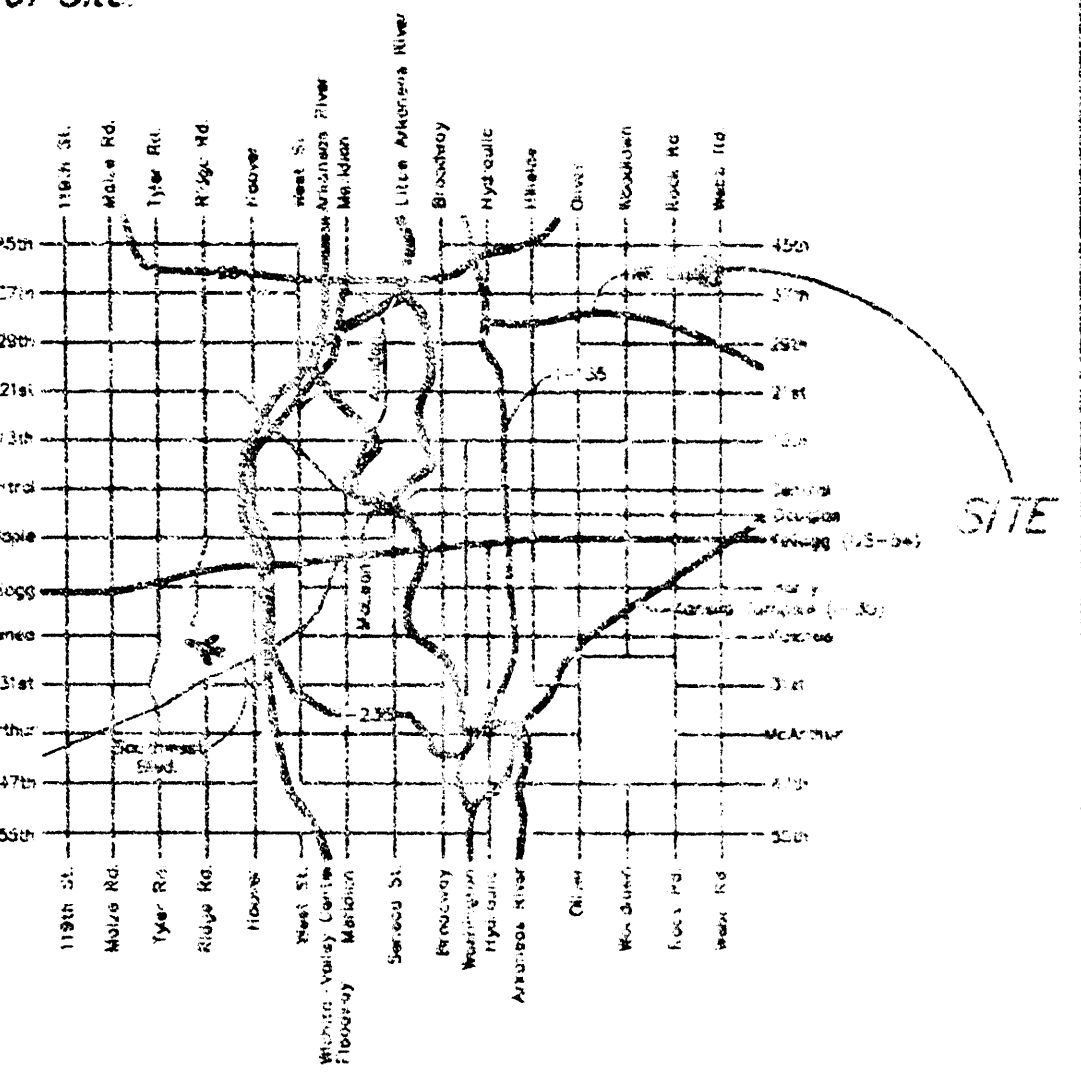
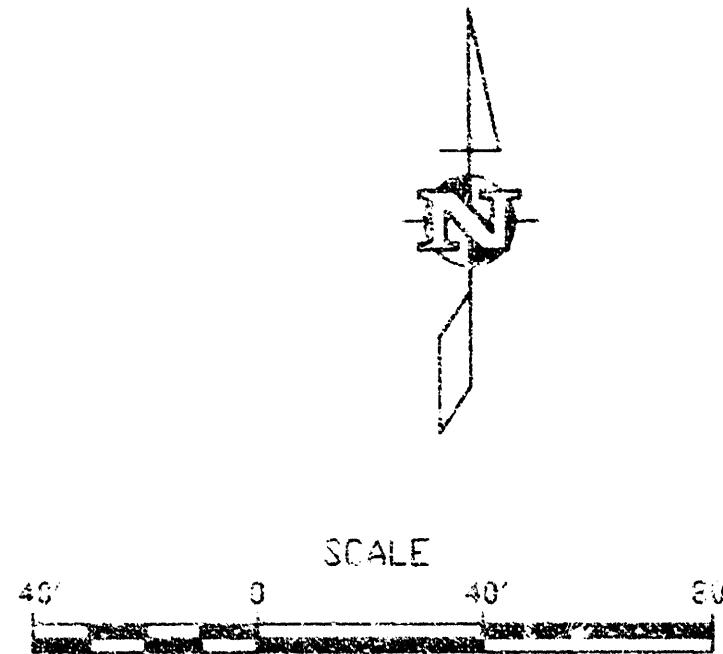
The Contractor must notify the following in case of an emergency:

Multimedia Cablesion	262-4270
or	263-2061
Kansas Gas Service Company	832-3168
K.G.E.	383-8600
Peoples Natural Gas	942-8350
or	263-8161
Southwestern Bell Telephone Company	1-571-2611
City of Wichita Water Department	268-4908
City of Wichita Sewer Department	268-4071
- Exist. utilities and their locations, as shown on the plans, represent the best information obtainable for design. Location information has been obtained from the various utility companies and is either from company record drawings or company-provided field locations. The Contractor will be required to work around existing utilities which do not conflict with proposed construction.
- The Contractor to verify utility locations prior to construction of this project.
- Utility service and installation shall be coordinated with the respective utility owners. Contacts are:

K&E Gas	Shane Price	261-6867
K.G. & E.	Miles Capps	261-6434
Wichita Water	Paul Bryant	268-4555
	Bill Perkins	268-4908
Southwestern Bell	Greg Sharpa	268-2759
- All areas disturbed by construction operations shall be seeded with rye grass at a rate of 300 lbs/acre immediately following construction in that area. Ground shall be prepared per City of Wichita specifications prior to seeding.
- Traffic affected by the construction of this project shall be handled in accordance with the latest edition of the Manual on Uniform Traffic Control Devices.
- Pipe and Drain Basin materials to be installed per Manufacturer's Specifications. Pipe and Drain Basin material is per owner requirement. Engineer does not accept responsibility for use of products.

Project Number
1000 PPS (807881)

CITY OF WICHITA, KANSAS
Michael E. Lindebak, P. E., City Engineer

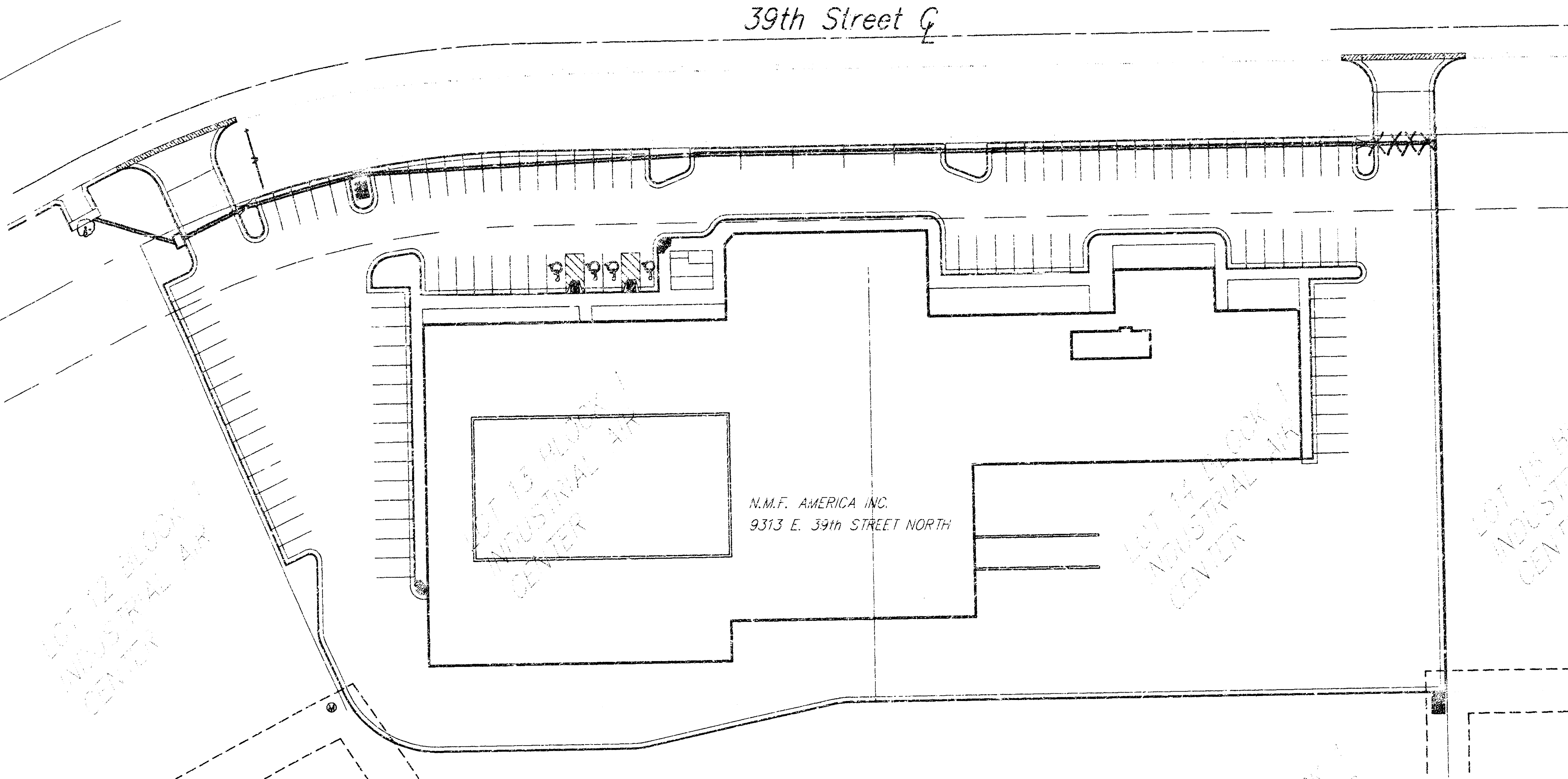


LOCATION MAP

LEGEND

- TITLE
- STA. 0+00 TO 4+53.35
- STA. 4+53.95 TO STA. 6+63.92
- STANDARD TYPE 1 CURB INLET

BOOKED
11-22-00
MCS
D-1866



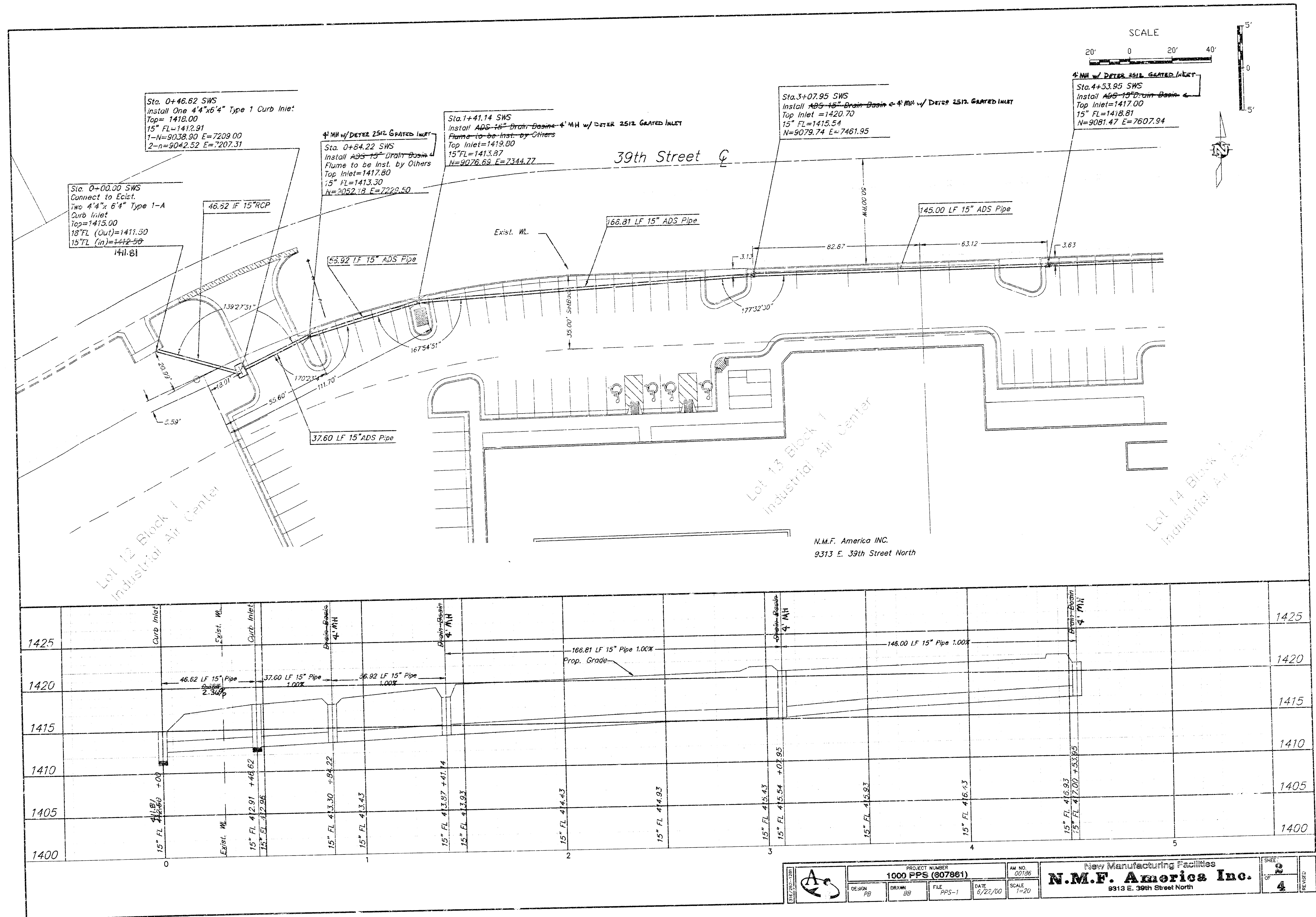
APPROVED AS NOTED BY CITY ENGINEER OF WICHITA
STORM SEWERS VRH 6/23/00

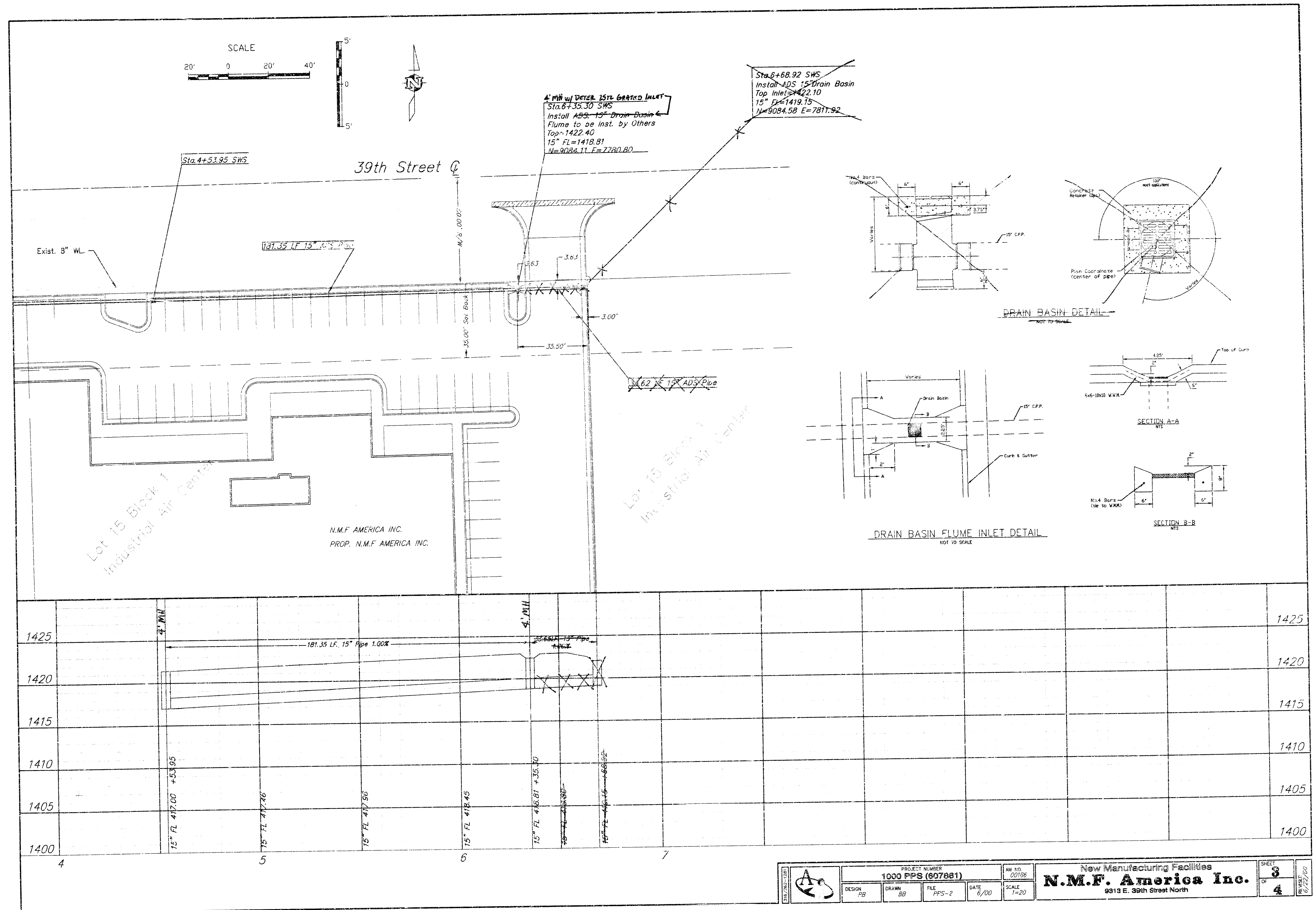
Inspection and testing for this project are to be provided by a Licensed Consulting Engineering Firm under contract with the Owner/Developer. Said inspection is to be in accordance with the City of Wichita standard construction engineering practices and certified by a Licensed Professional Engineer. No work shall be performed in dedicated easements or public right-of-way by the Contractor without such inspection nor shall work be commenced without written authorization by the City Engineer. All construction and materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).

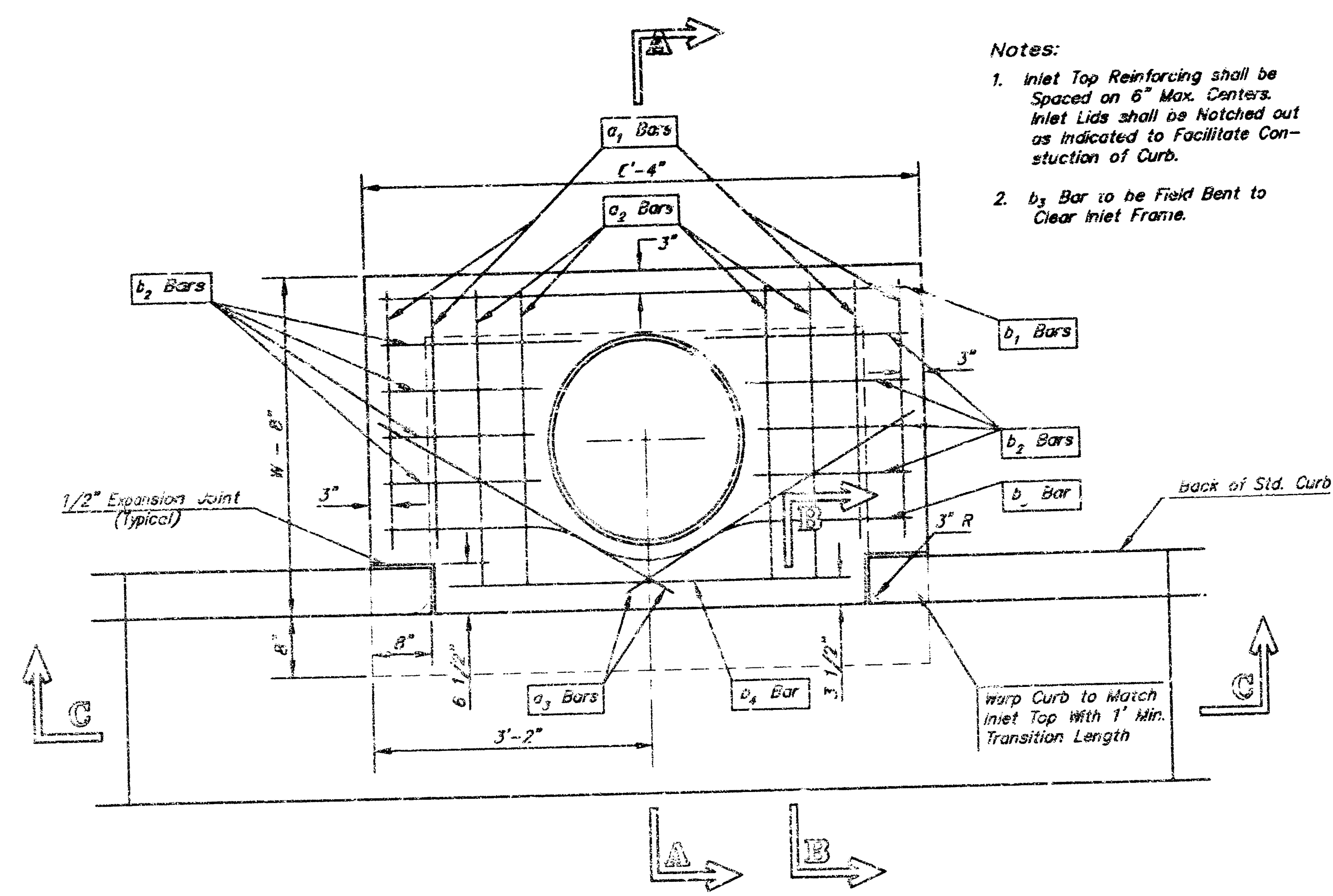
AS-BUILT
Date: 8/13/00
Signed: Michael E. Lindebak



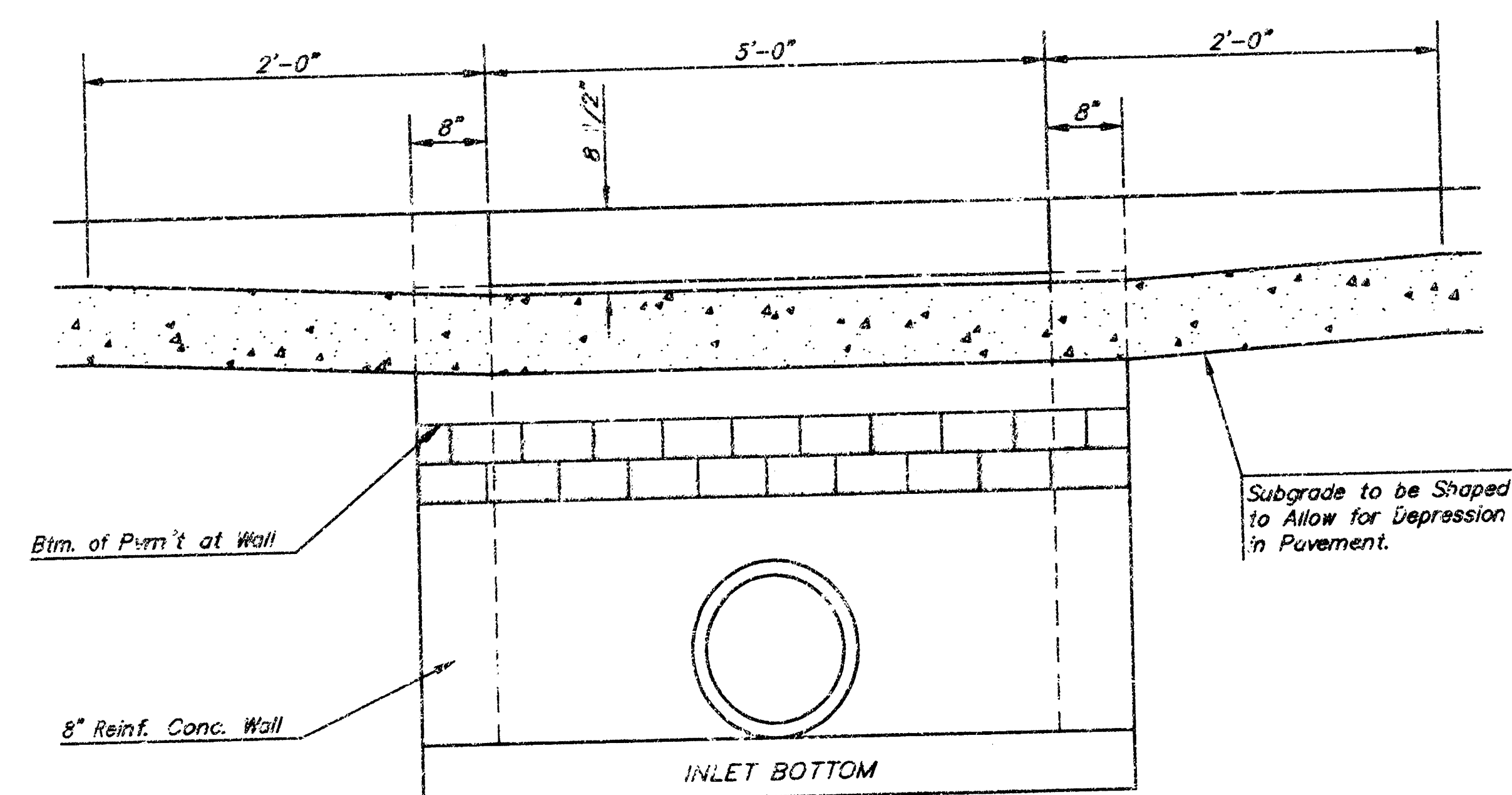
ENGINEERING SERVICES
254 S. Laura, Suite 210 Wichita, KS 67211
316/262-1281 fax 316/262-6773



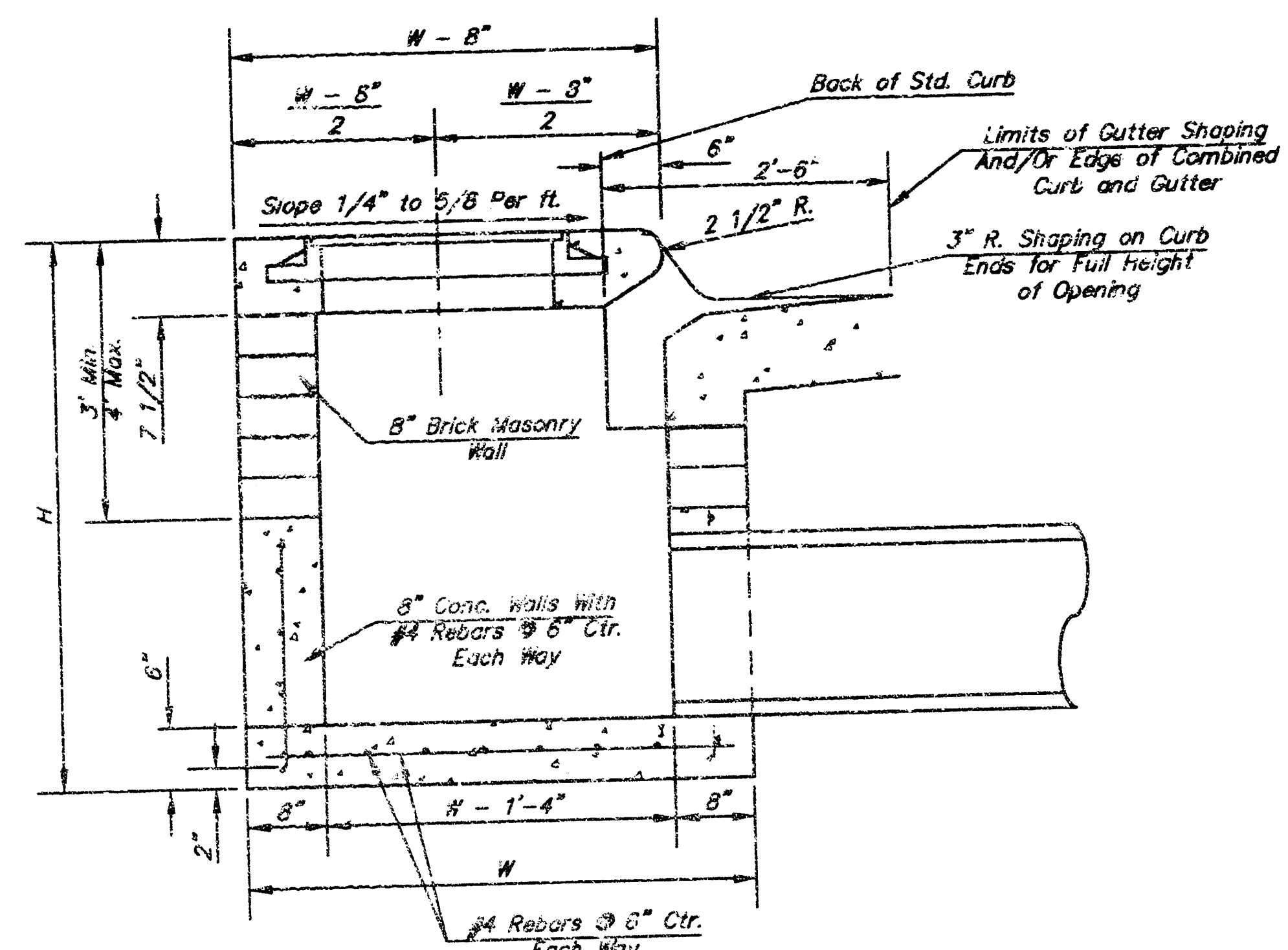




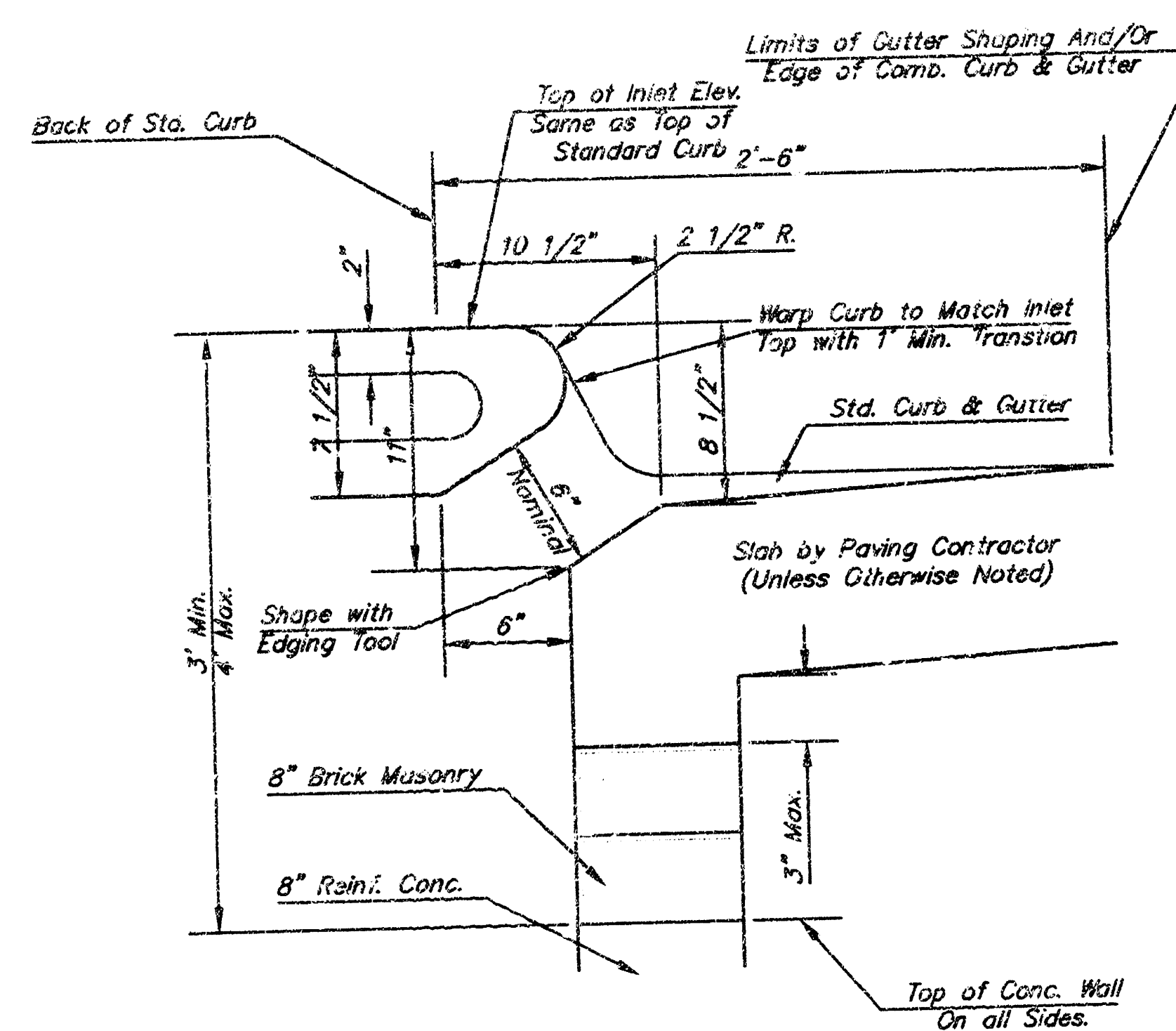
PLAN



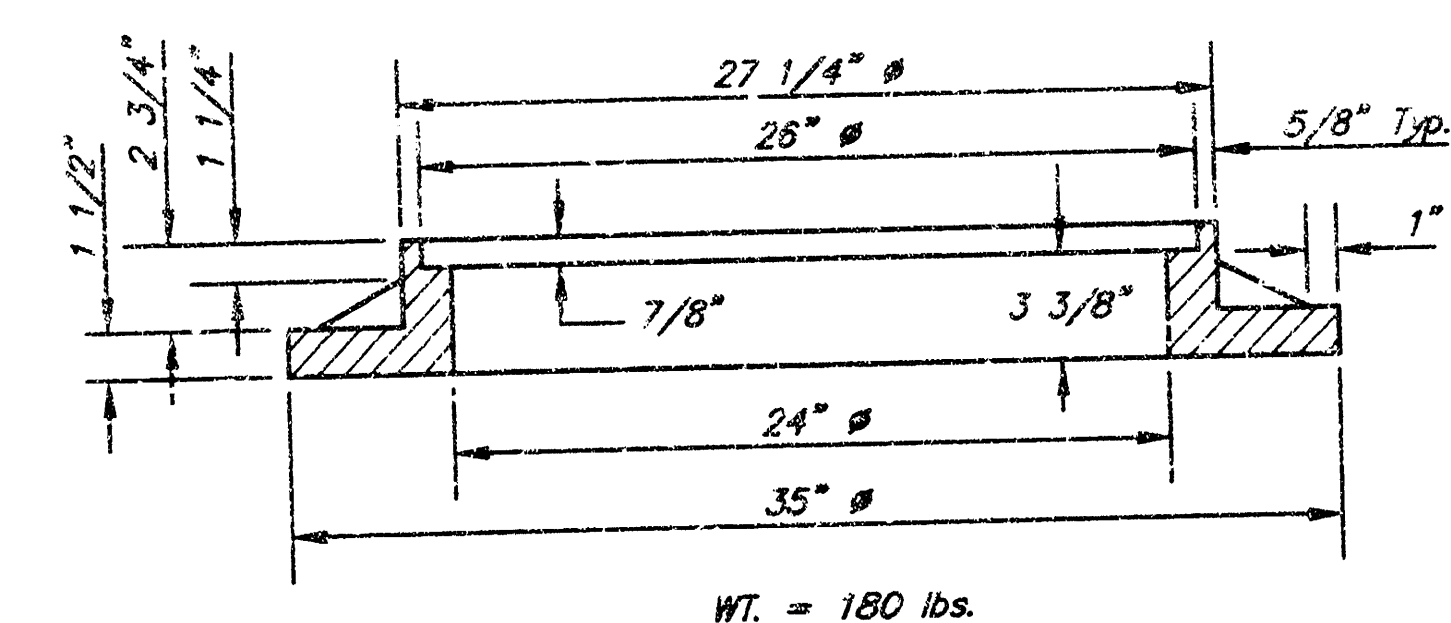
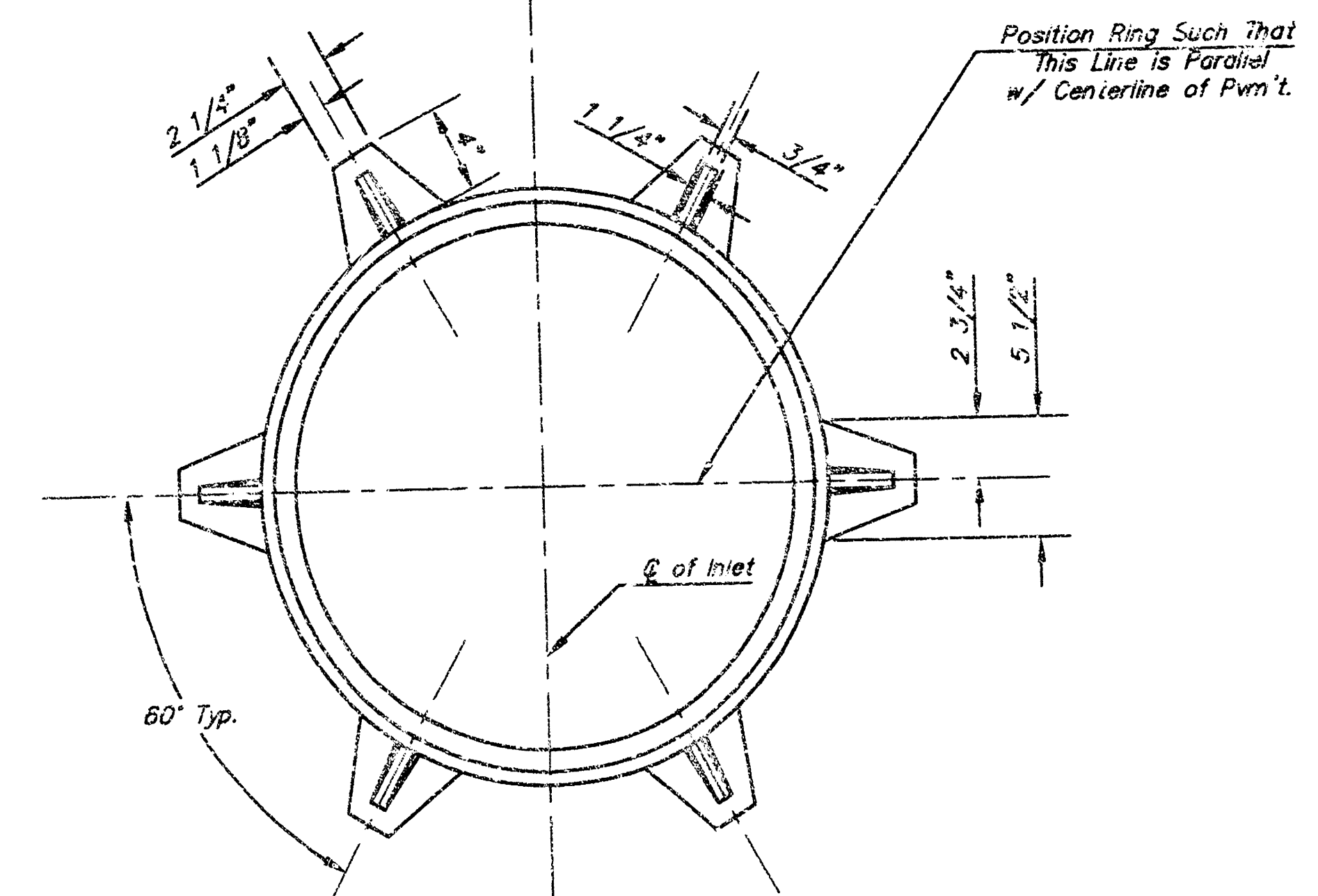
SECTION C-C



SECTION A-A

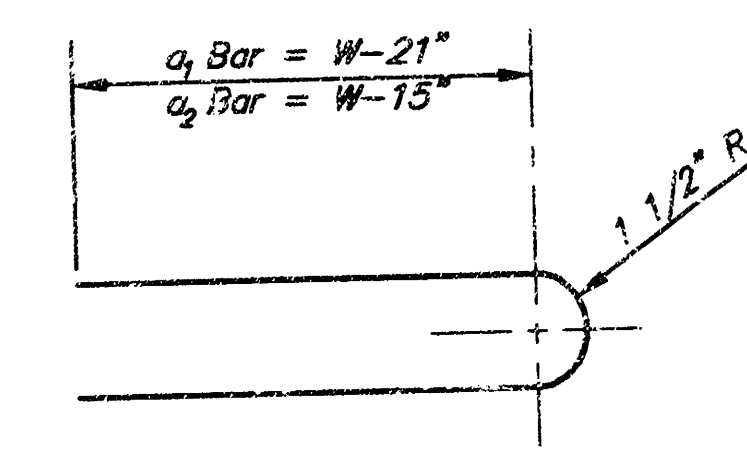


SECTION B-B



MANHOLE RING AND COVER

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



BENDING DIAGRAM

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"	5'-1"	-	-	-
	W-5'-4"	7'-7"	8'-7"	5'-0"	6'-1"	-	-	-
	W-6'-4"	9'-7"	10'-7"	6'-0"	7'-1"	-	-	-
	W-7'-4"	11'-7"	12'-7"	7'-0"	8'-1"	-	-	-
	W-8'-4"	13'-7"	14'-7"	8'-0"	9'-1"	-	-	-

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"	0.64±
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.

THE CITY OF WICHITA CITY ENGINEER'S OFFICE CITY HALL - SEVENTH FLOOR 452 NORTH MAIN STREET WICHITA, KANSAS 67202 (316) 268-7501 (316) 268-4114 FAX	STANDARD TYPE 1 CURB INLET OPENING = 6" x 5'-0"	
	M. E. LINDEBAK P.E. - CITY ENGINEER	
	PROJECT NUMBER XXX-XXXX	INDEX CODE XXXXXX
	DATE MAR 96	SHEET 4 OF 4

STYPI-S.DWG