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PRIVATE STORM WATER SEWER TO SERVE LOT 1, TIMBER RIDGE 3rd ADDITION

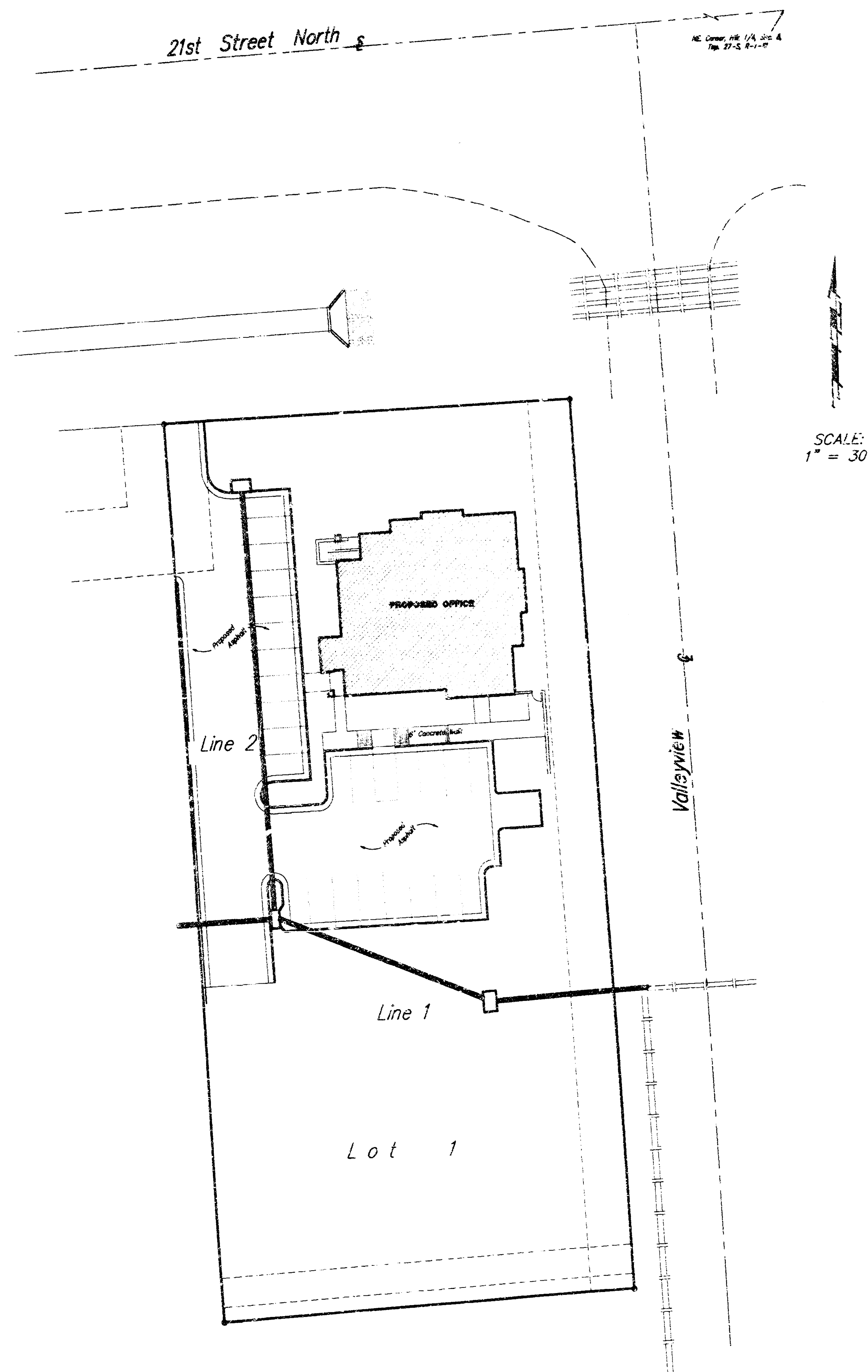
CITY OF WICHITA, KANSAS

Michael E. Lindebak, P.E. City Engineer

Private Project Number

881 PPS (807881)

OCTOBER, 1998



General Notes:

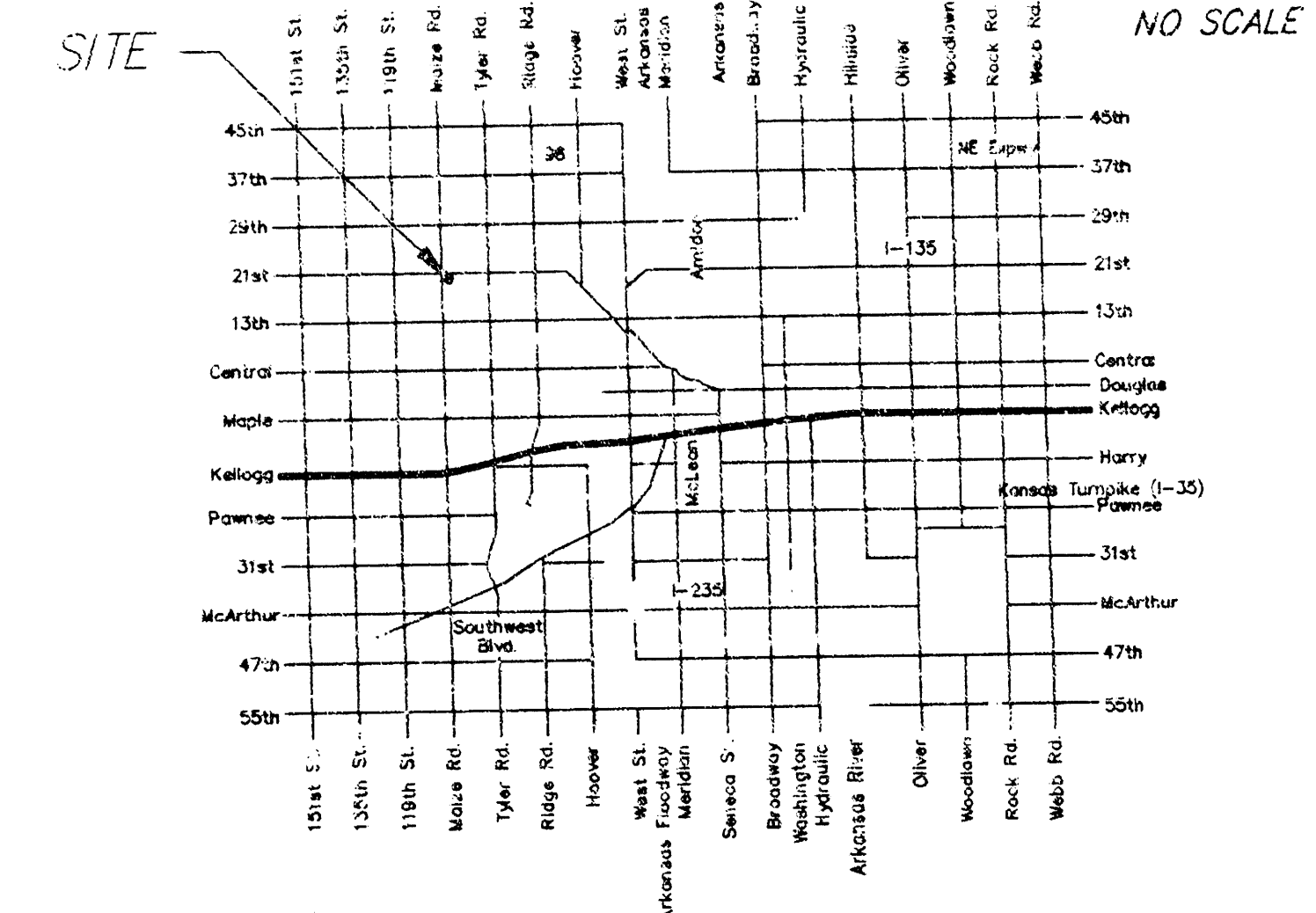
- Contractor will be required to provide notice to utility companies a minimum of twenty-four (24) hours prior to any excavation, as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
Cablevision 262-4270
or 263-2061
Kansas Gas Service Company 832-3121
Kansas Gas & Electric Company 261-6512
Peoples Nat. Gas Company 942-8811
Southwestern Bell Telephone Company 268-2245
City of Wichita Water Department 263-4908
City of Wichita Sewer Maintenance 268-4071
- Utility service lines, poles, valve boxes, meters, and etcetera are to be adjusted as necessary by others prior to construction unless the plans specifically call for their adjustment by the Contractor or unless the plans specifically identify a utility to be adjusted by its owner during construction. Existing utilities and their location, as shown on the plans, represent the best information obtainable for design. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on sites to be provided by the Contractor. These sites shall be approved by the Engineer as to suitability, appearance and site location. Locations that, in the opinion of the Engineer, will leave an unsightly appearance will not be approved. All disposal sites must be approved by the Kansas Department of Health and Environment. Material either stockpiled or disposed of in a flood plain would require a Kansas State Board of Agriculture permit. Any material dumped in waters of the United States or wetlands is subject to U.S. Corps. of Engineers permitting regulations. Any material buried or stockpiled beyond approved construction limits would require additional archaeological investigations unless buried in a previously approved borrow location.
- The Contractor shall be responsible for preserving property irons. The Contractor will be required to re-establish any property irons which are damaged or destroyed by his construction operations. Such irons shall be re-established by a licensed land surveyor in accordance with state law.

APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Storm Sewers VRLH 10/1/98

NOTE TO CONTRACTORS

Installation, inspection and testing for this project is 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. All Construction and Materials shall comply with the City of Wichita Specifications and Standards (on file and available in the City Engineer's Office).



Vicinity Map:

Legal Description:

LOT 1, TIMBER RIDGE 3RD ADDITION, WICHITA,
SEDGWICK COUNTY, KANSAS

Benchmarks:

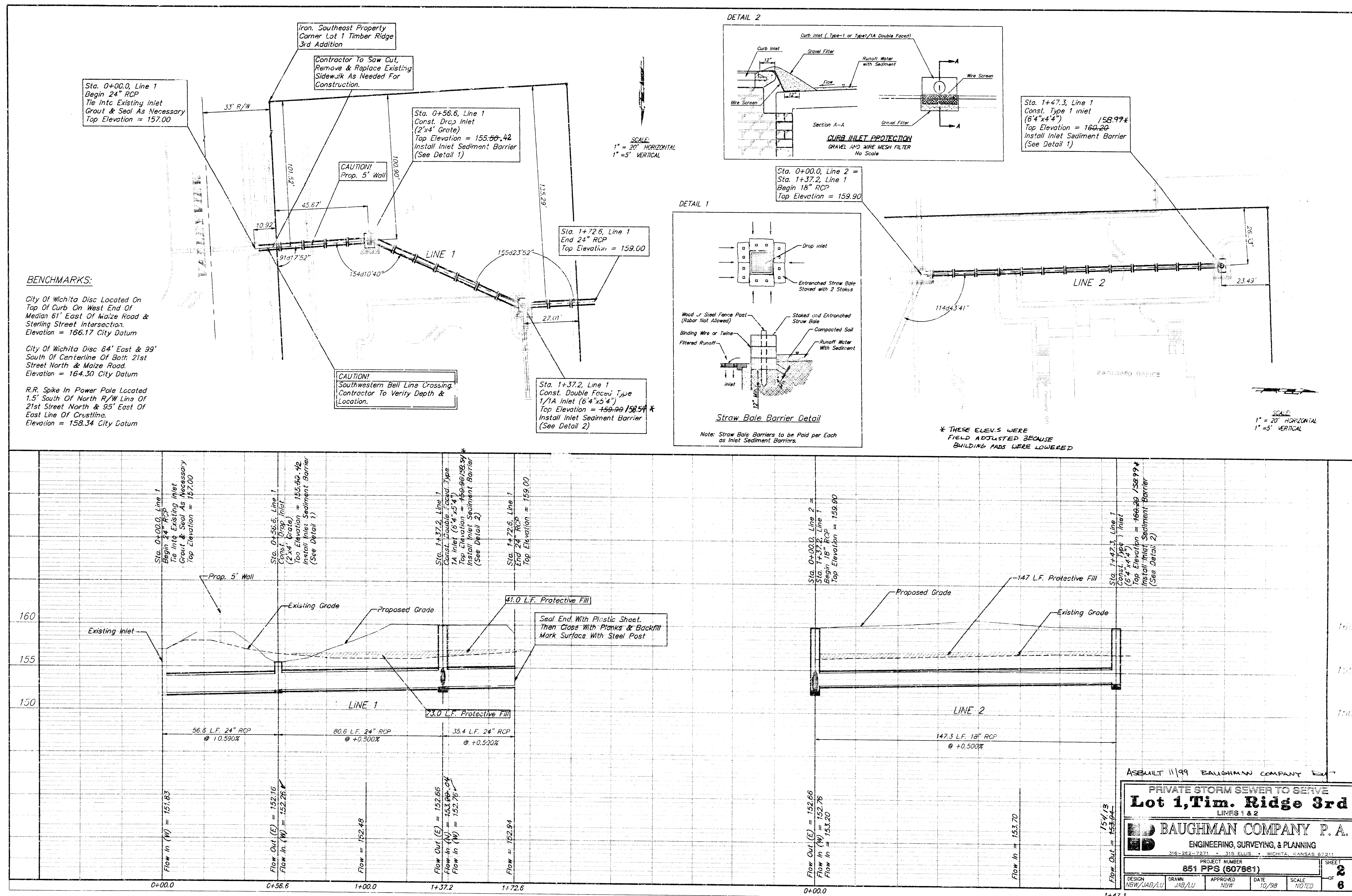
CITY OF WICHITA DISC LOCATED ON TOP OF CURB ON WEST
END OF MEDIAN, 61' EAST OF MAIZE ROAD & STERLING
STREET INTERSECTION.
ELEVATION = 166.17 CITY DATUM

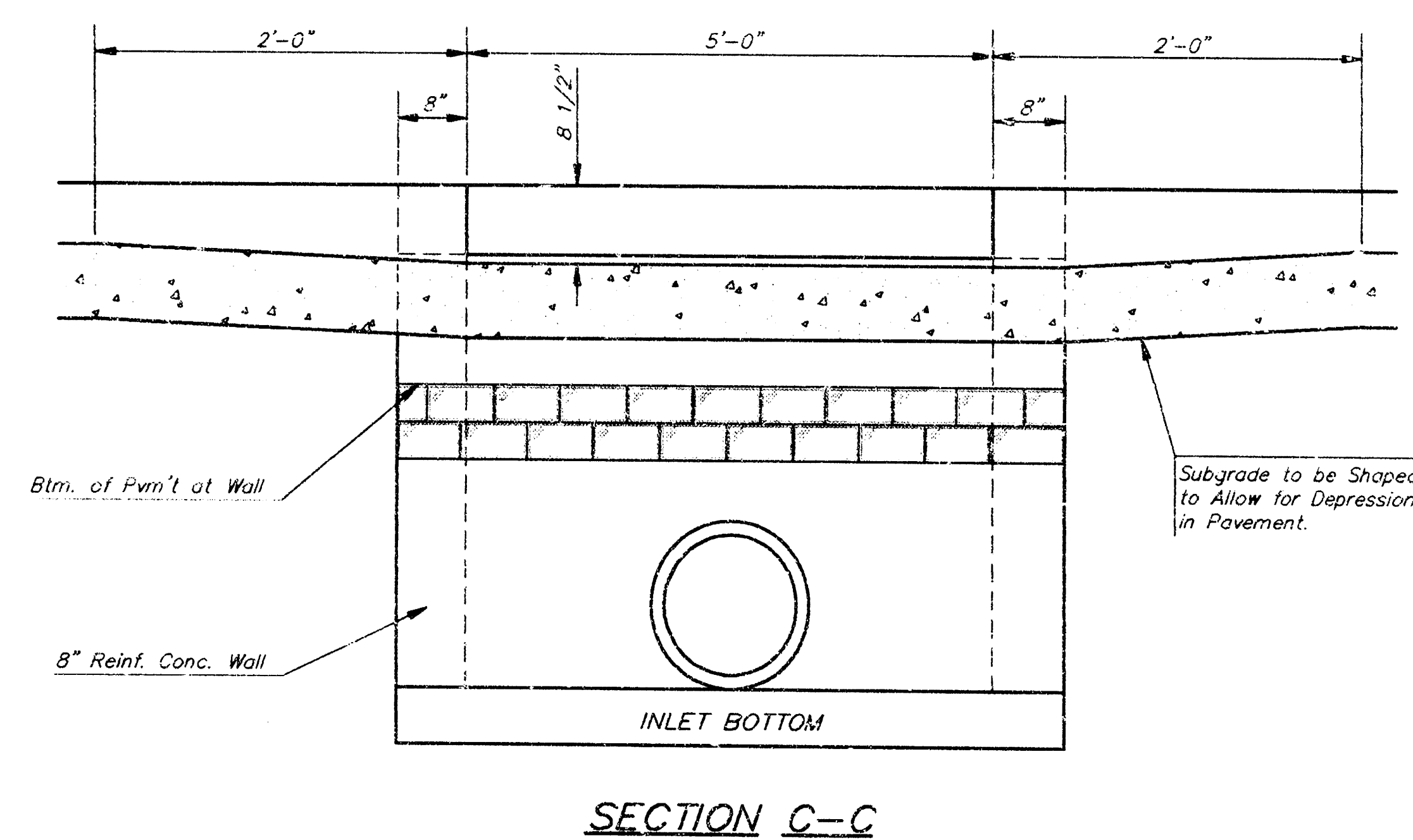
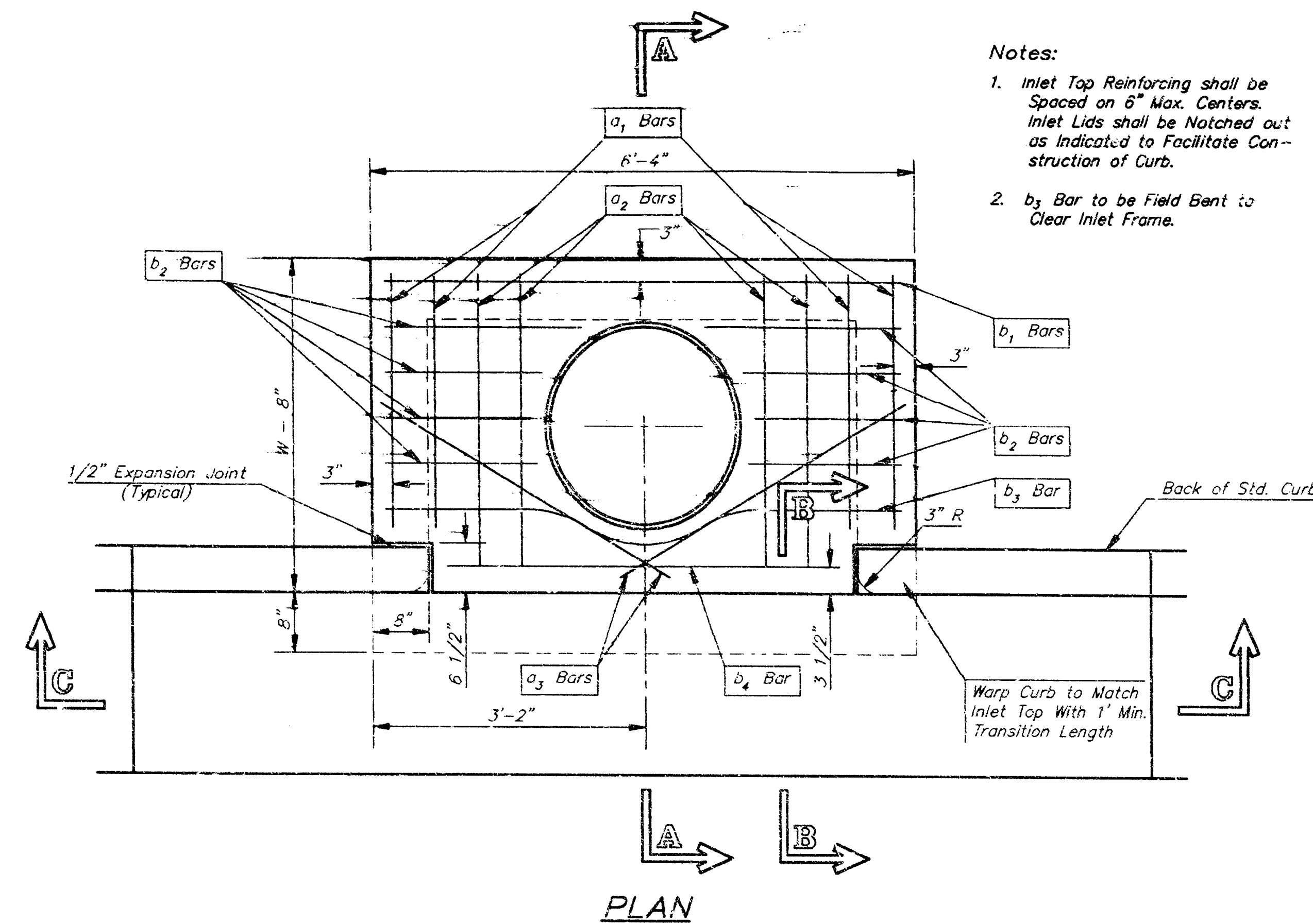
CITY OF WICHITA DISC 64' EAST & 99' SOUTH OF
CENTERLINE OF BOTH 21st STREET NORTH & MAIZE
ROAD.
ELEVATION = 164.30 CITY DATUM

R.R. SPIKE IN POWER POLE LOCATED 1.5' SOUTH OF
NORTH R/W LINE OF 21st STREET NORTH & 95' EAST
OF EAST LINE OF CRESTLINE.
ELEVATION = 158.34 CITY DATUM

PROJECT INSPECTED BY BAUGHMAN Co.
ASBUILT 11/99

BAUGHMAN COMPANY P. A.
ENGINEERING, SURVEYING, & PLANNING
316-262-1171 • 315 ELLIS • WICHITA, KANSAS 67211





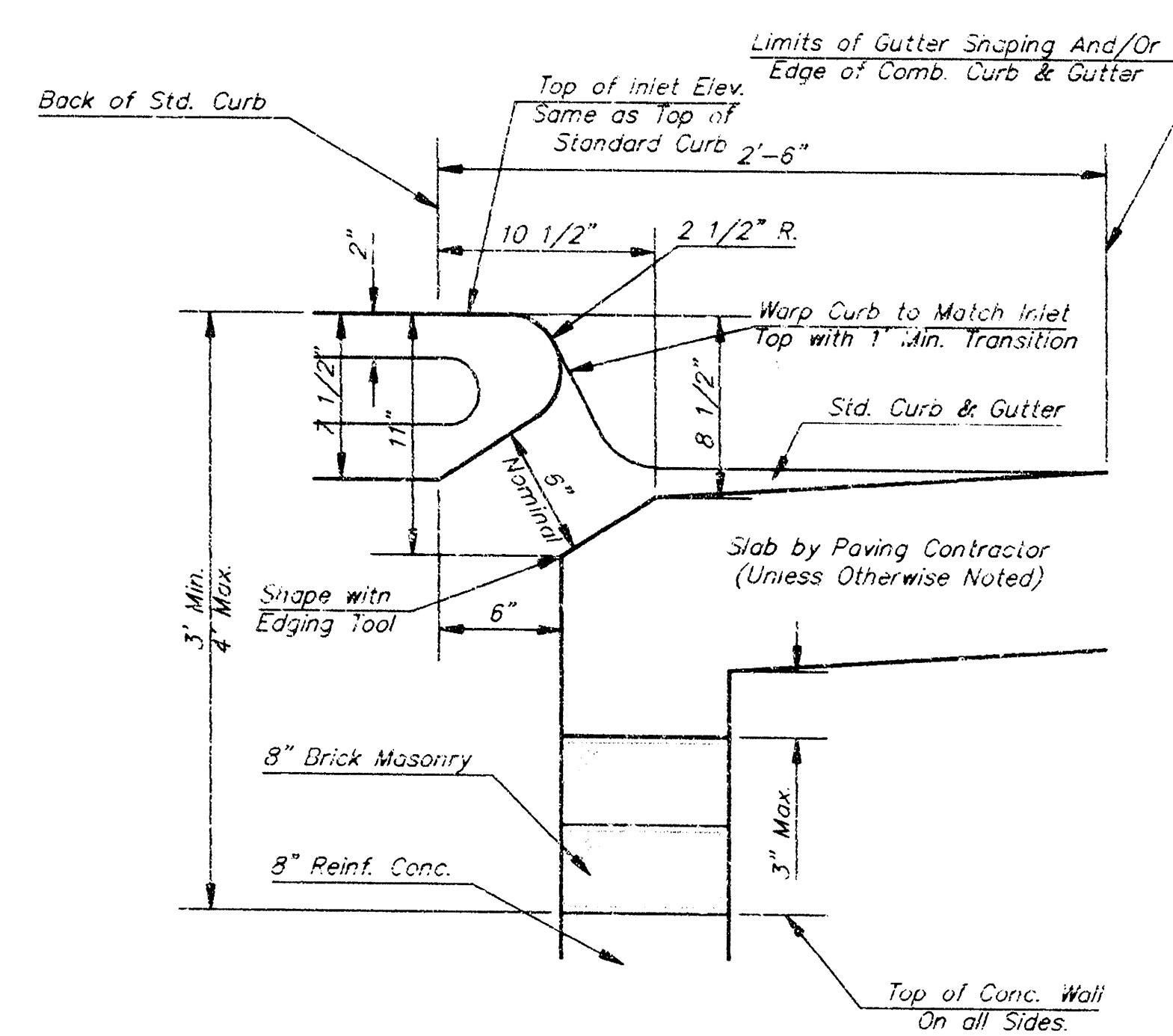
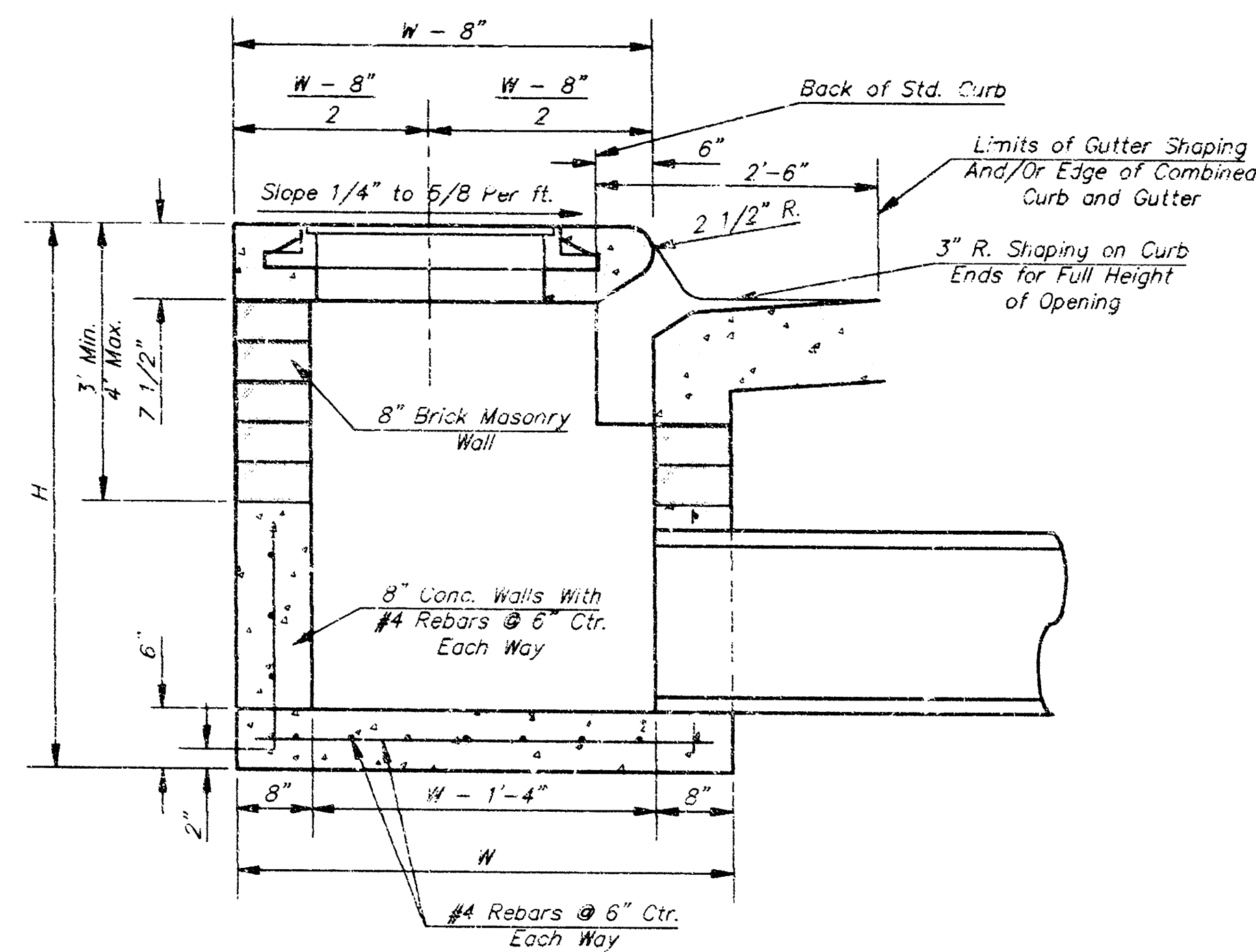
STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	a ₄				b ₁	b ₂	b ₃	b ₄	WT. Lbs.
NUMBER	4	4	2	1	3	5	7	9	6	1	1	
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
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"	6'-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.

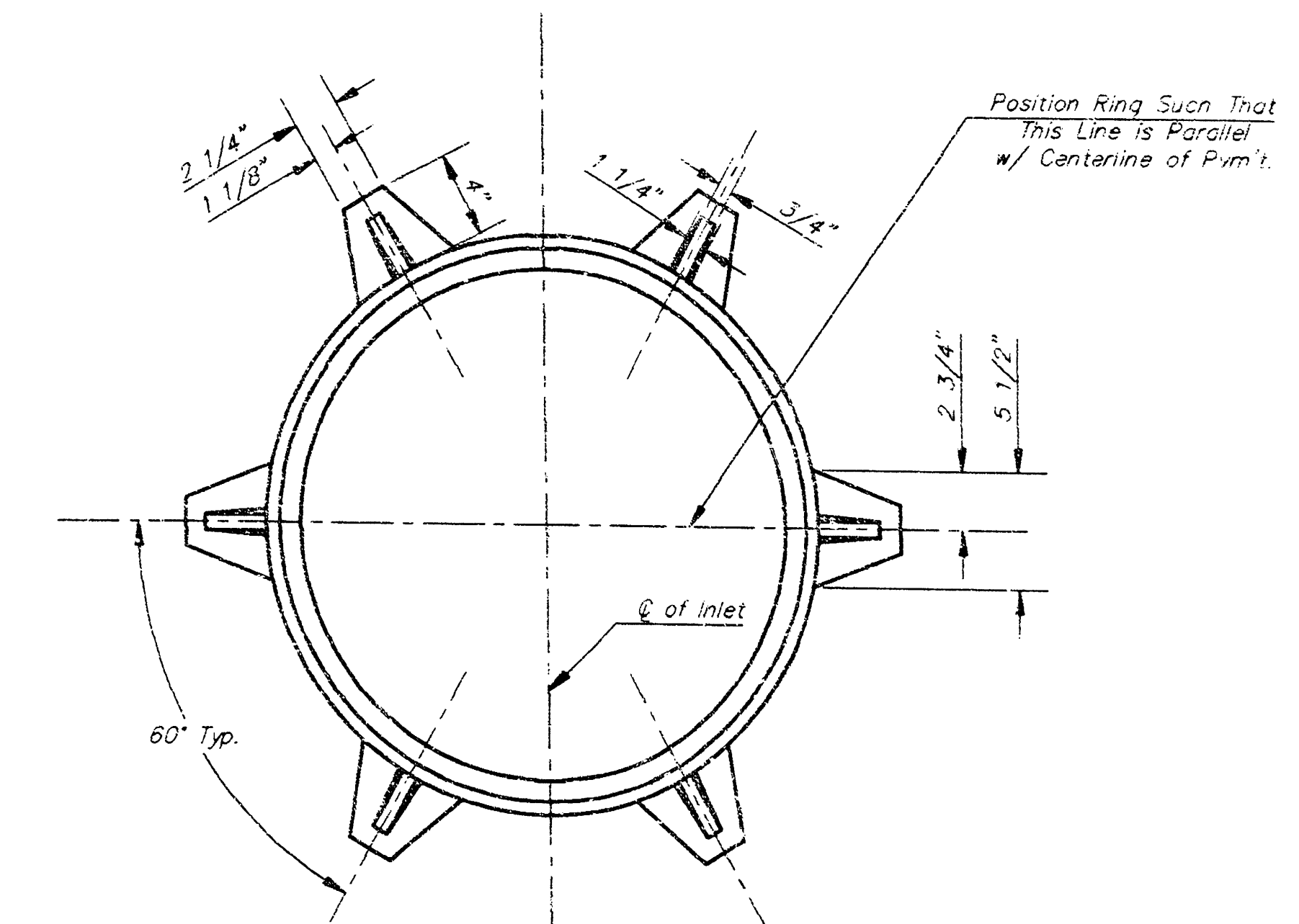
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-8" 6'-4" 7 1/2"	21" & SMALLER	0.30±
5'-4"	4'-8" 6'-4" 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" 6'-4" 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" 6'-4" 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" 6'-4" 7 1/2"	60" & 66"	0.90±

- Notes:**
- Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids shall be Notched out as Indicated to Facilitate Construction of Curb.
 - b₁ Bar to be Field Bent to Clear Inlet Frame.



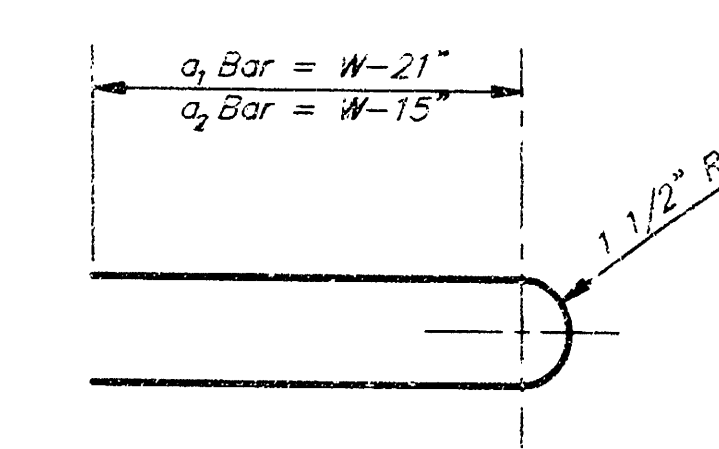
GENERAL NOTES

- 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 6" 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.

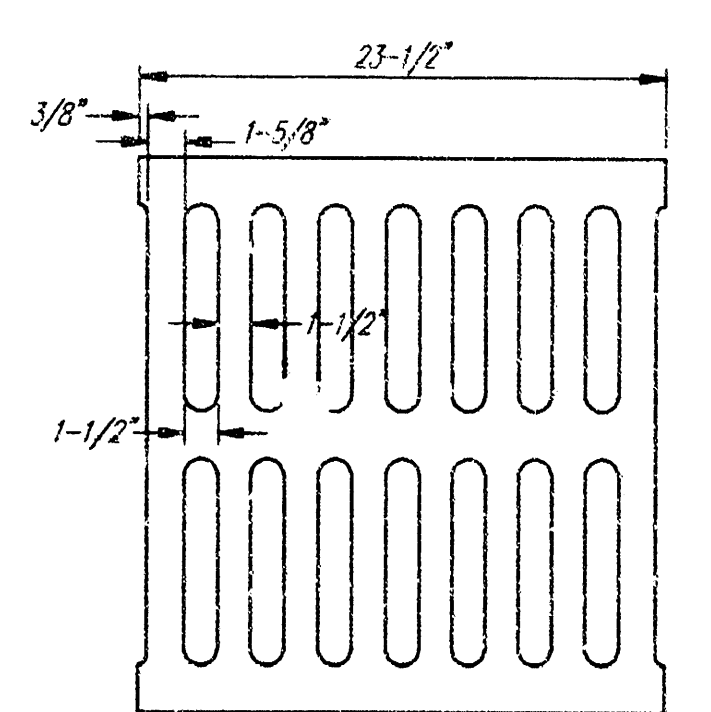
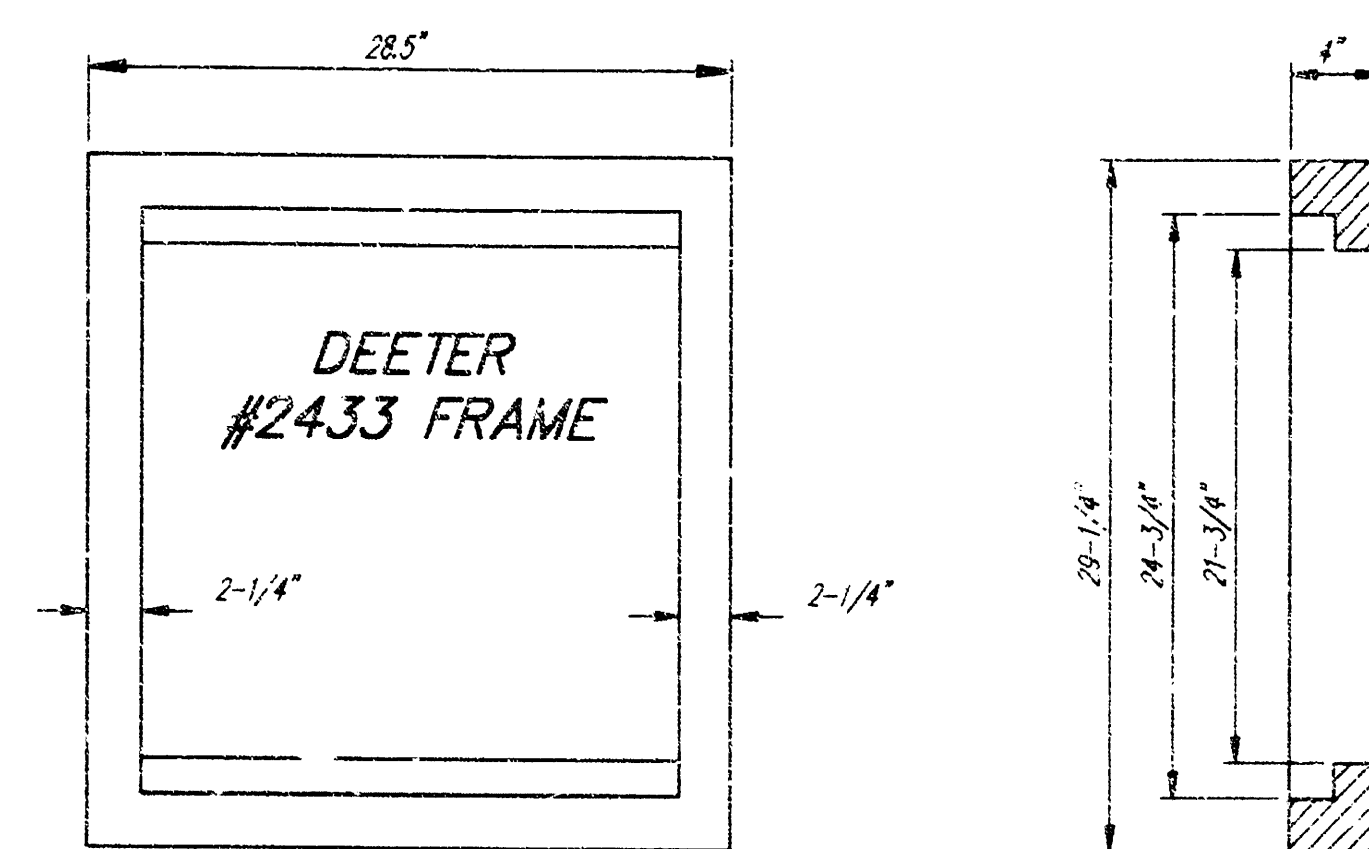


MANHOLE RING AND COVER

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

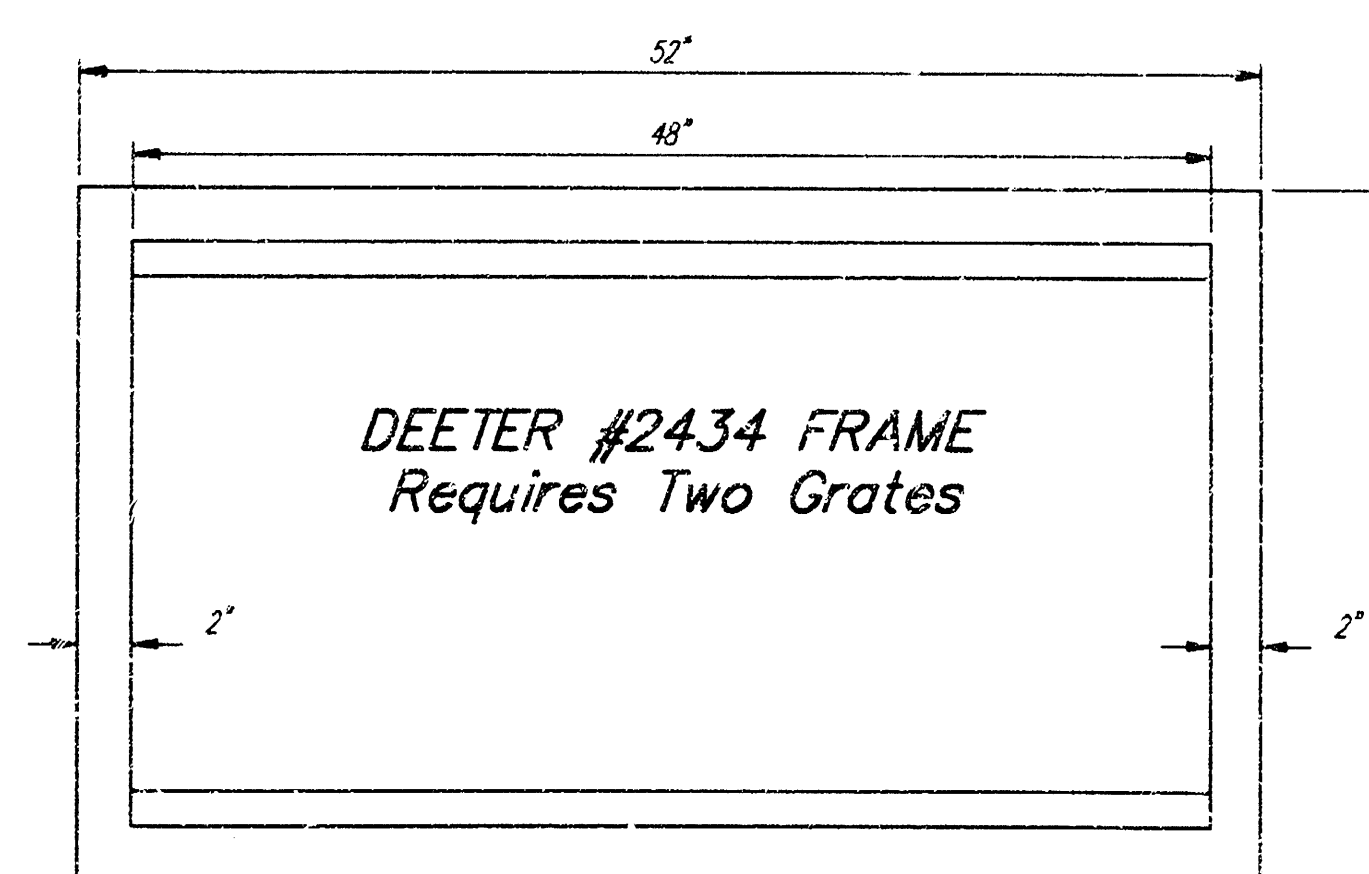


CITY OF WICHITA, KANSAS			
TYPE 1 CURB INLET			
INLET OPENING = 6"X5'-0"			
BAUGHMAN COMPANY P. A.			
ENGINEERING, SURVEYING, & PLANNING			
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211			
PROJECT NUMBER			
851 PPS (607861)			
DESIGN	DRAWN	APPROVED	DATE
C.O.W.	STAFF	NBW	10/98
SCALE			NONE
SHEET			3
OF			6



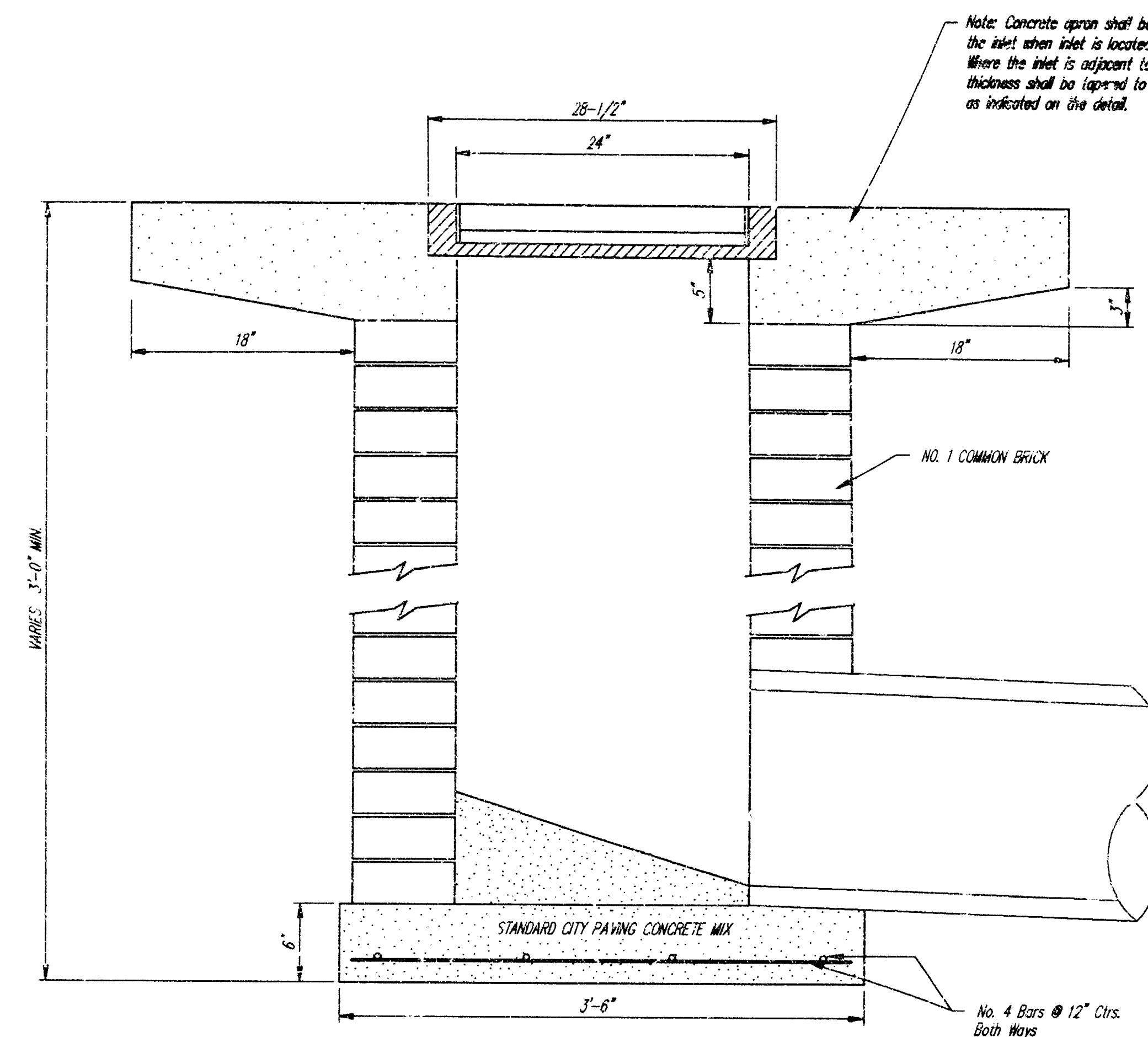
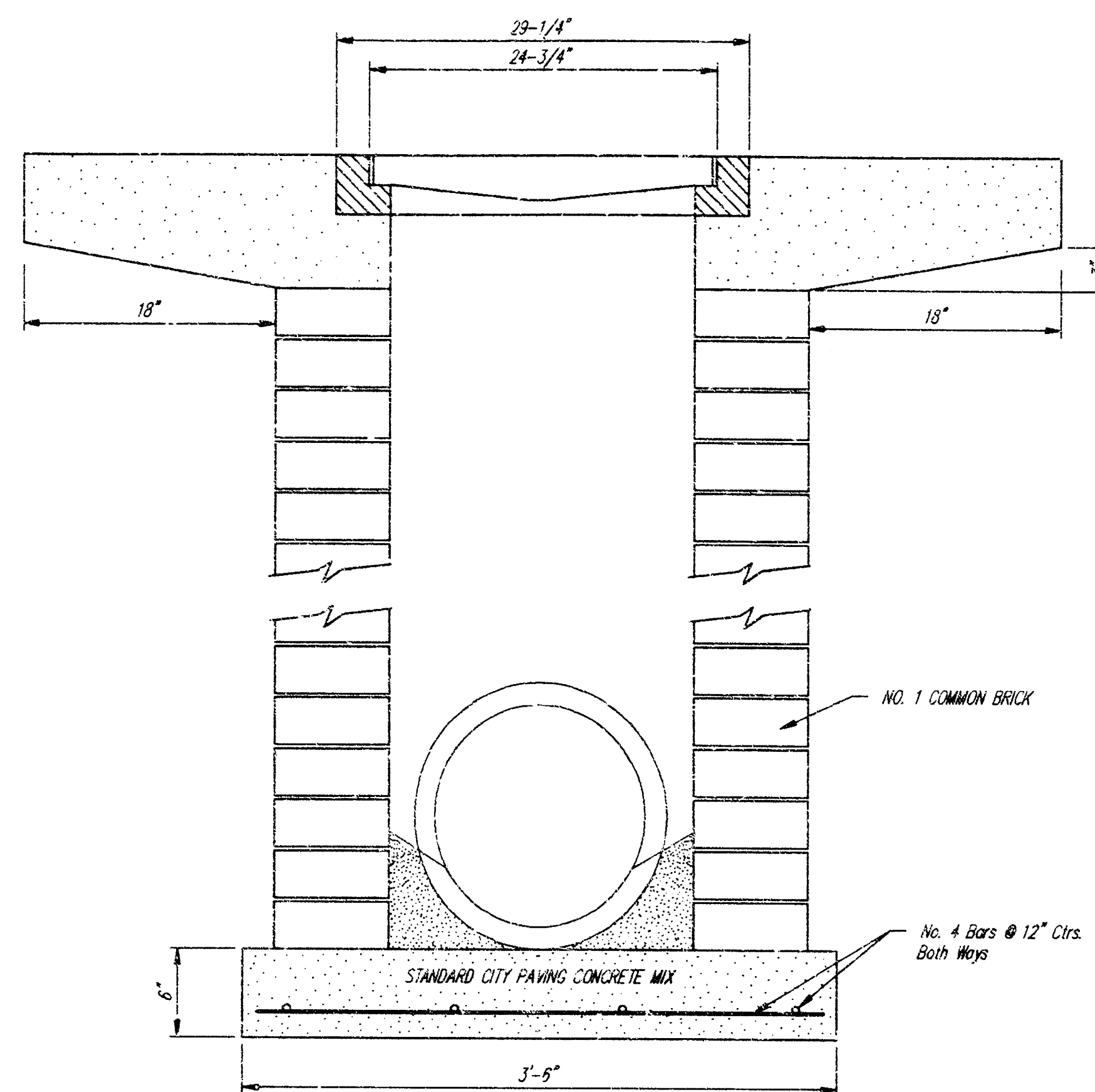
DEETER #2433 GRATE

24" x 24" Frame and Grate Detail

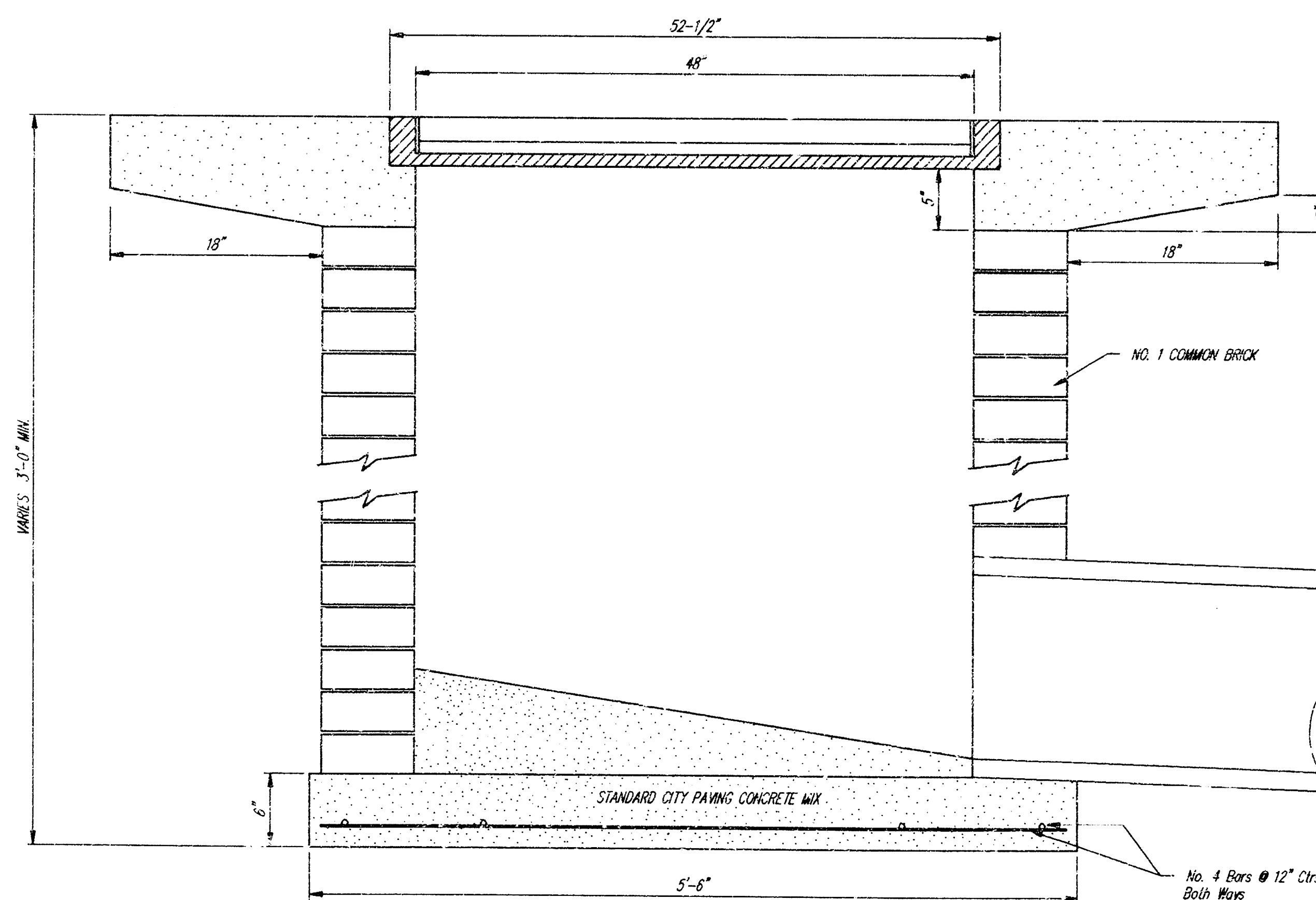


Double 24" x 24" Frame Detail

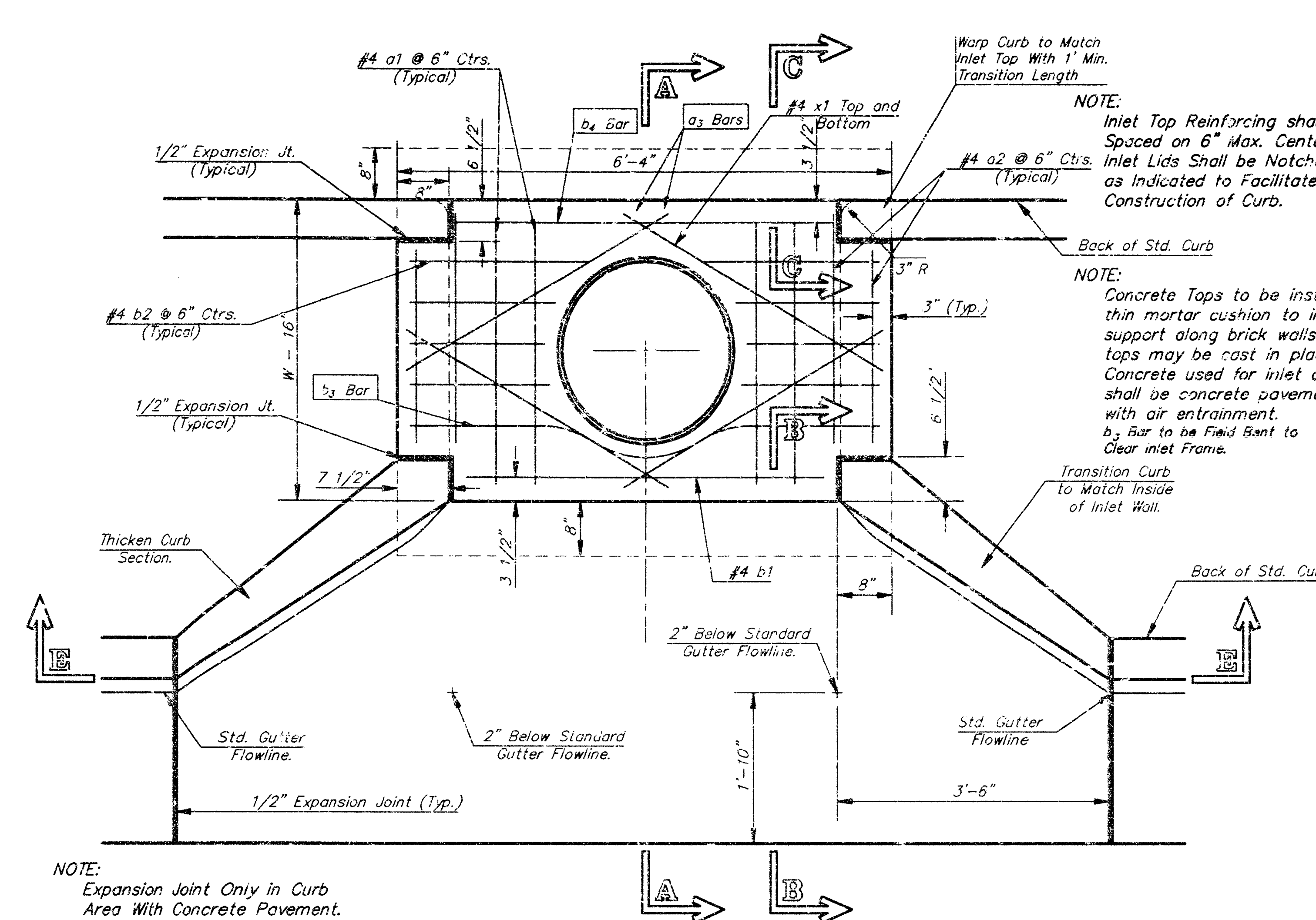
NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be approved by the engineer.



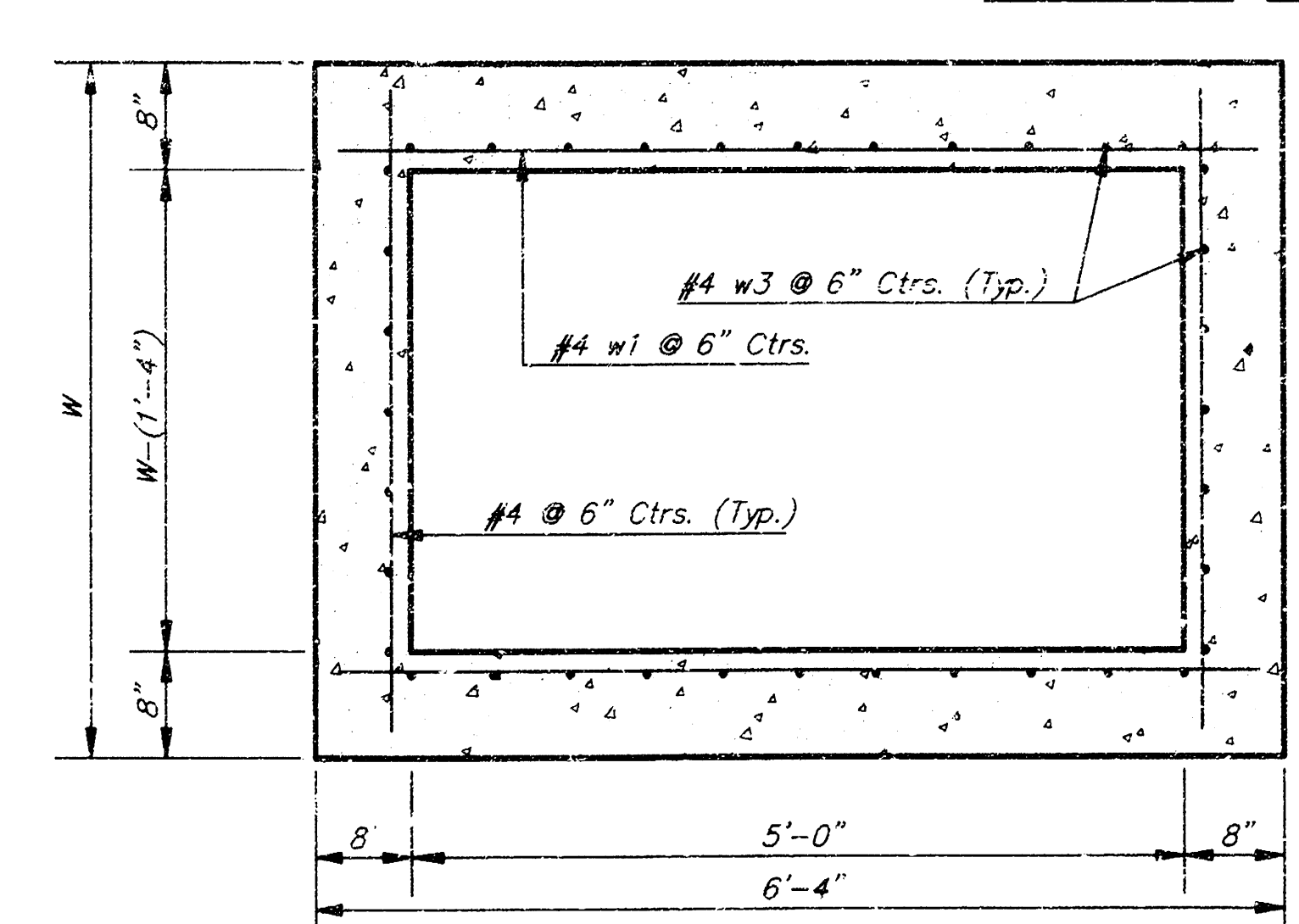
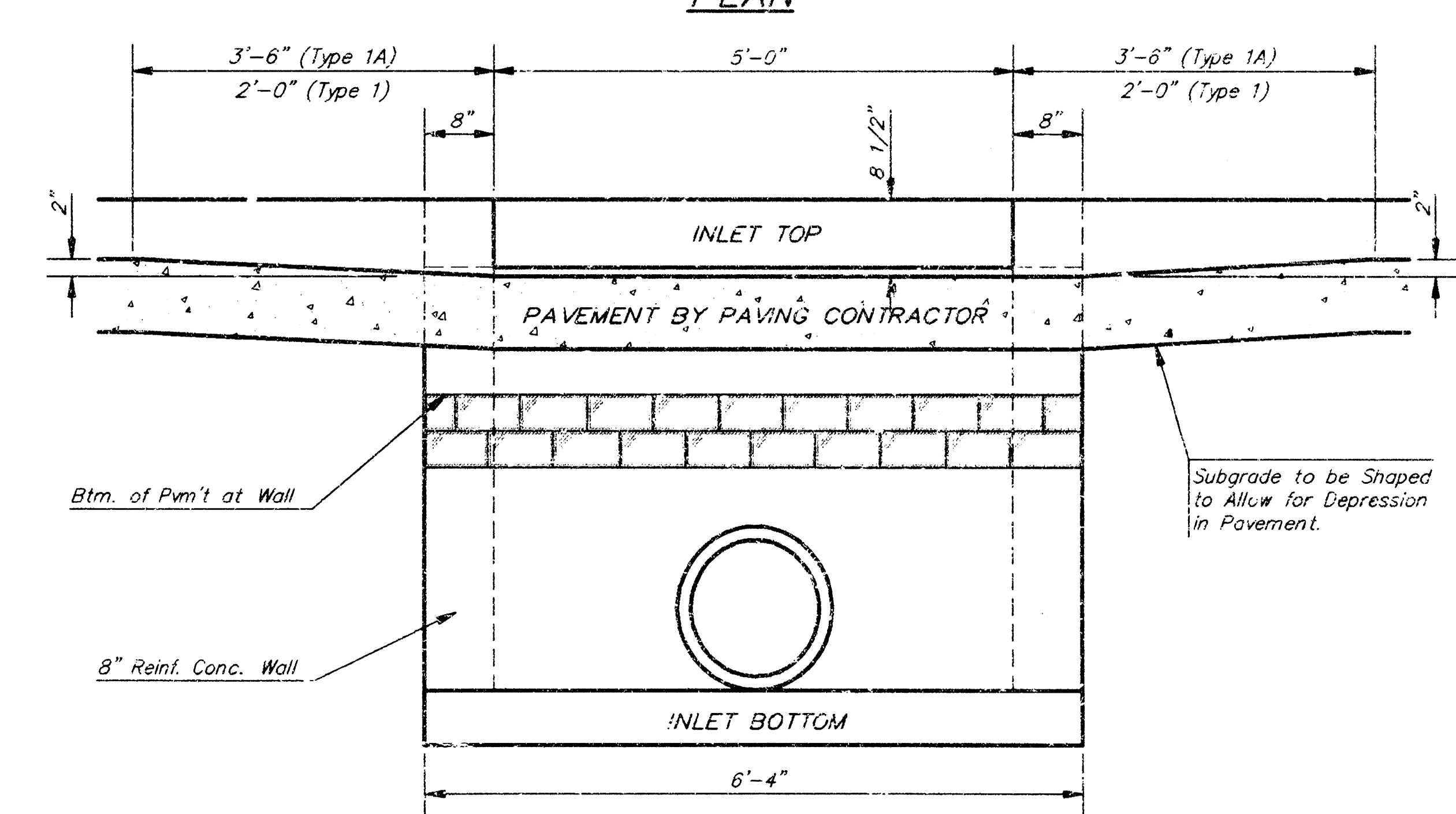
Note: Concrete apron shall be constructed around the inlet when inlet is located in an unopened area. Where the inlet is adjacent to pavement, the pavement thickness shall be (approved) to the inlet in 10 inches as indicated on the detail.



City of Wichita Standard				
Drop Inlet				
DETAIL				
BAUGHMAN COMPANY P. A.				
ENGINEERING, SURVEYING, & PLANNING				
315-252-7271 • 315-ELIUS • WICHITA, KANSAS 67211				
PROJECT NUMBER				
851 PPS (607861)				
DESIGN	DRAWN	APPROVED	DATE	SCALE
Staff	Staff	NBW	10/98	NONE
				SHEET
				4
				6



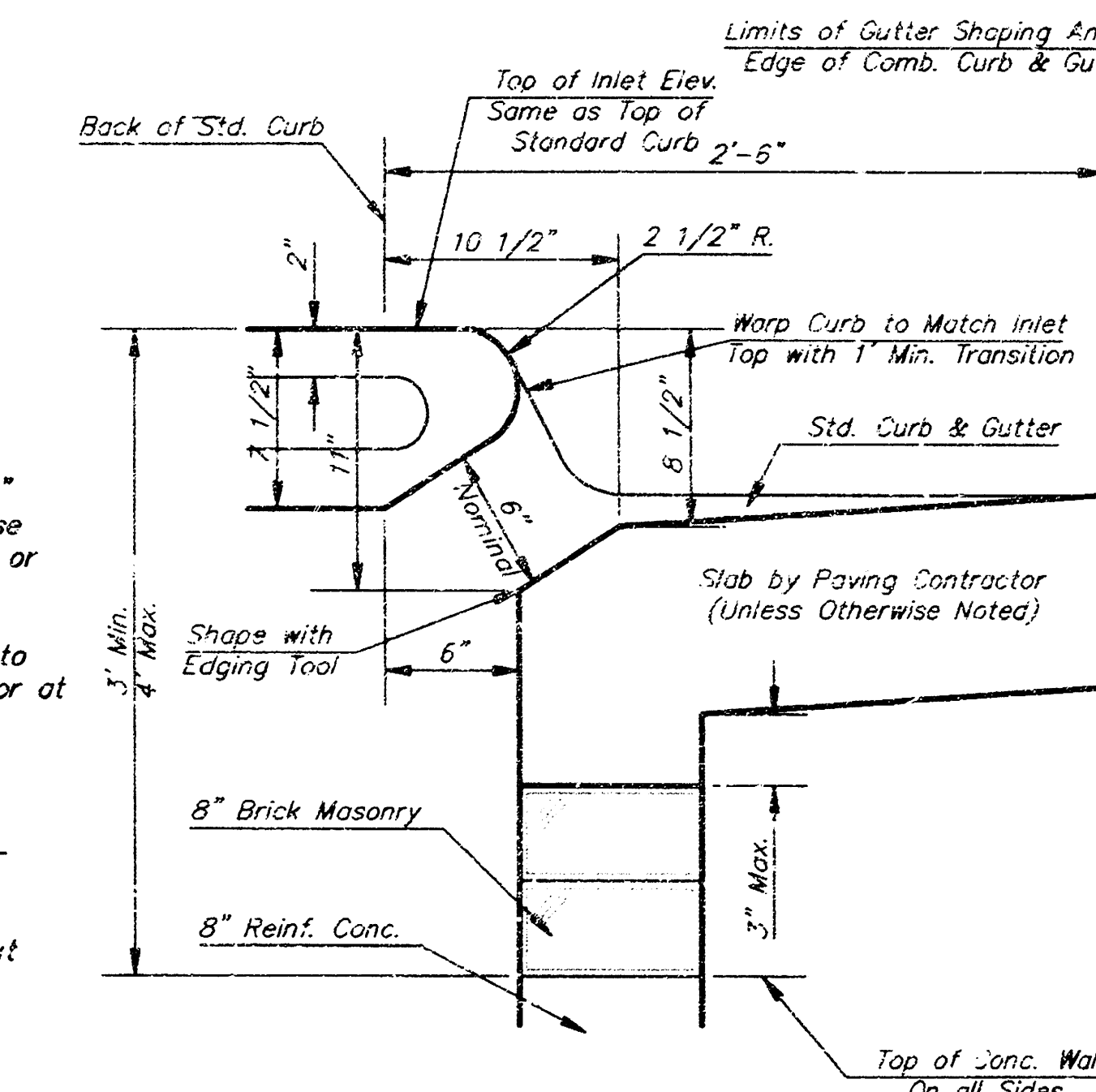
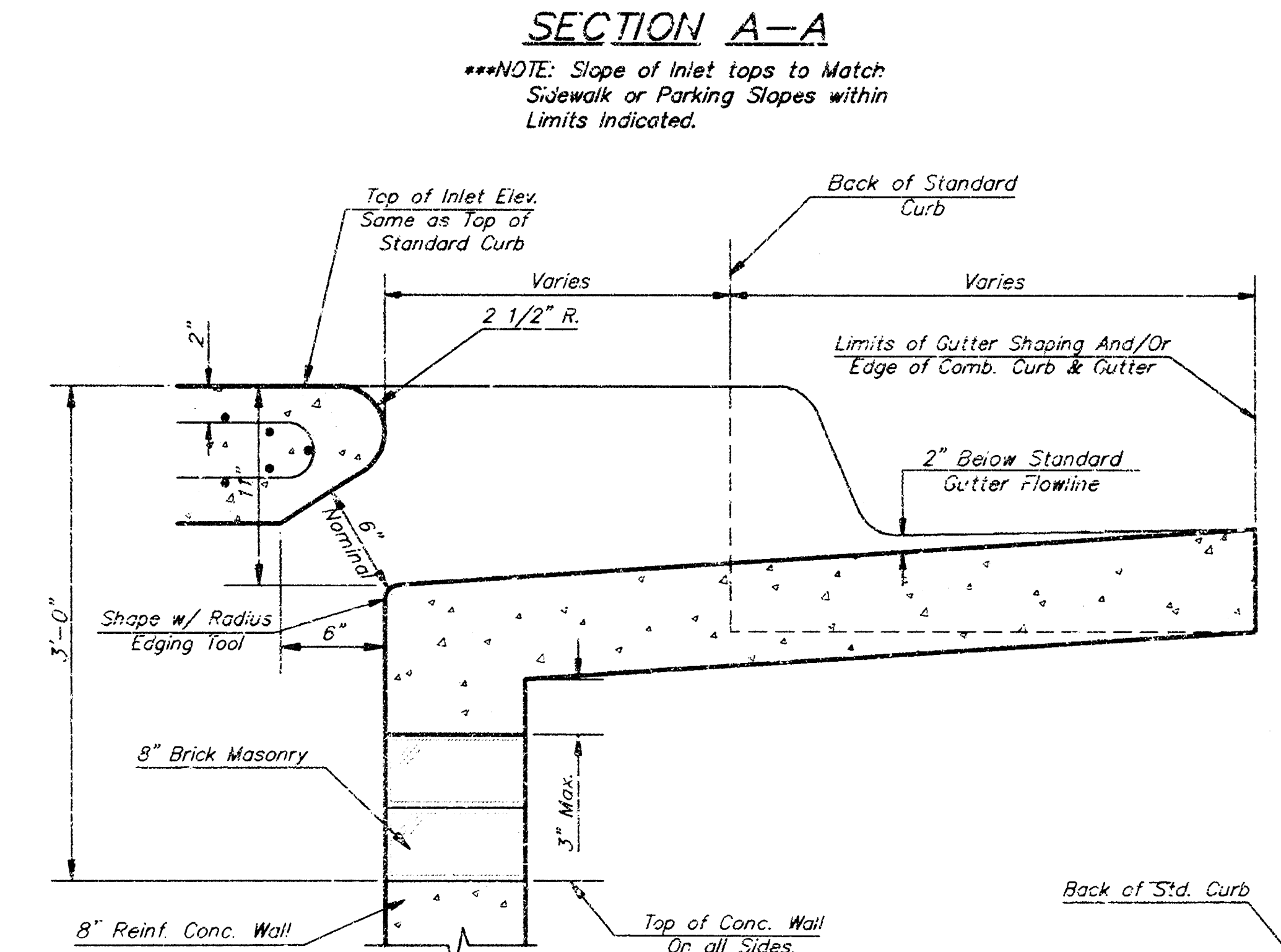
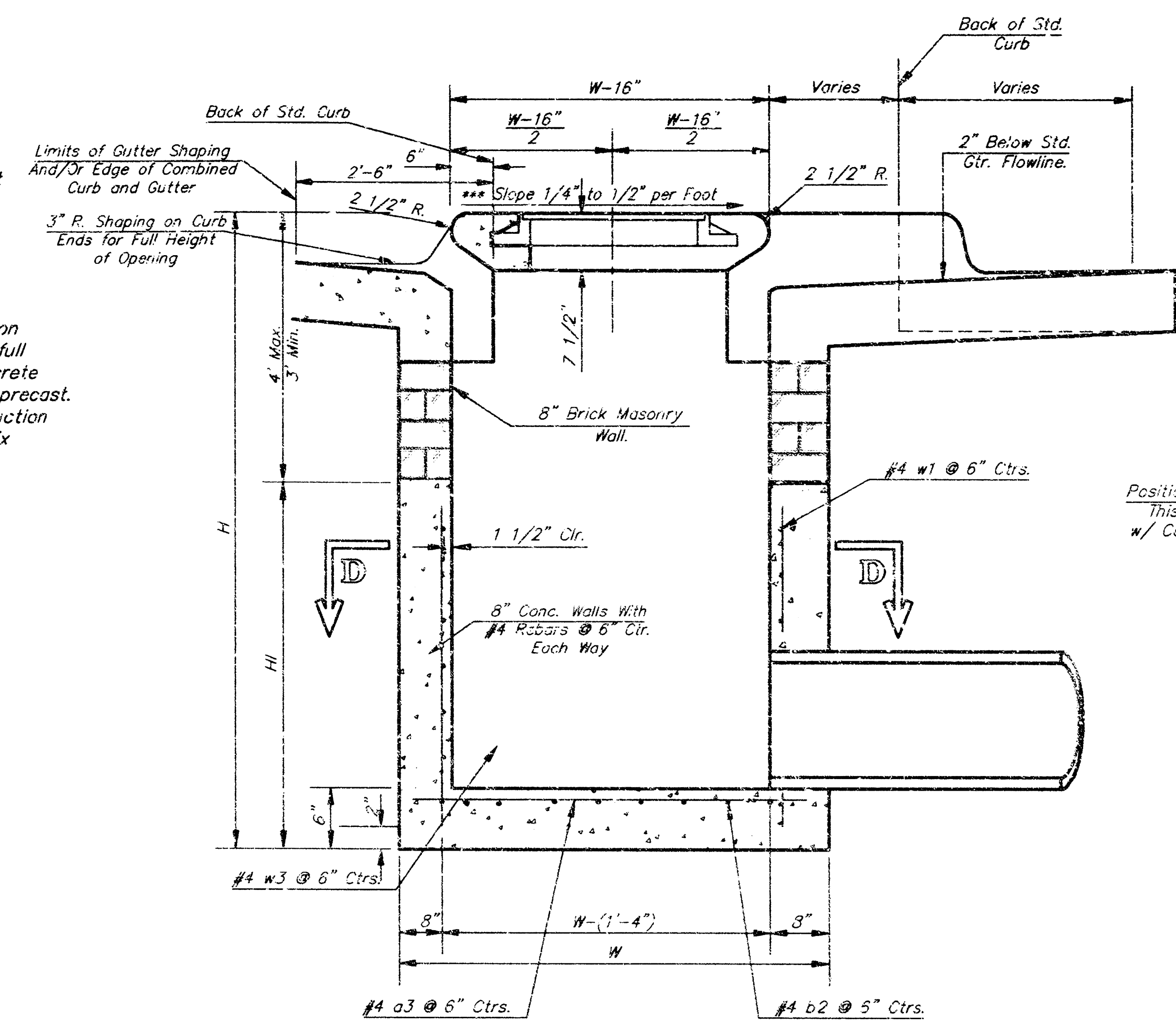
PLAN



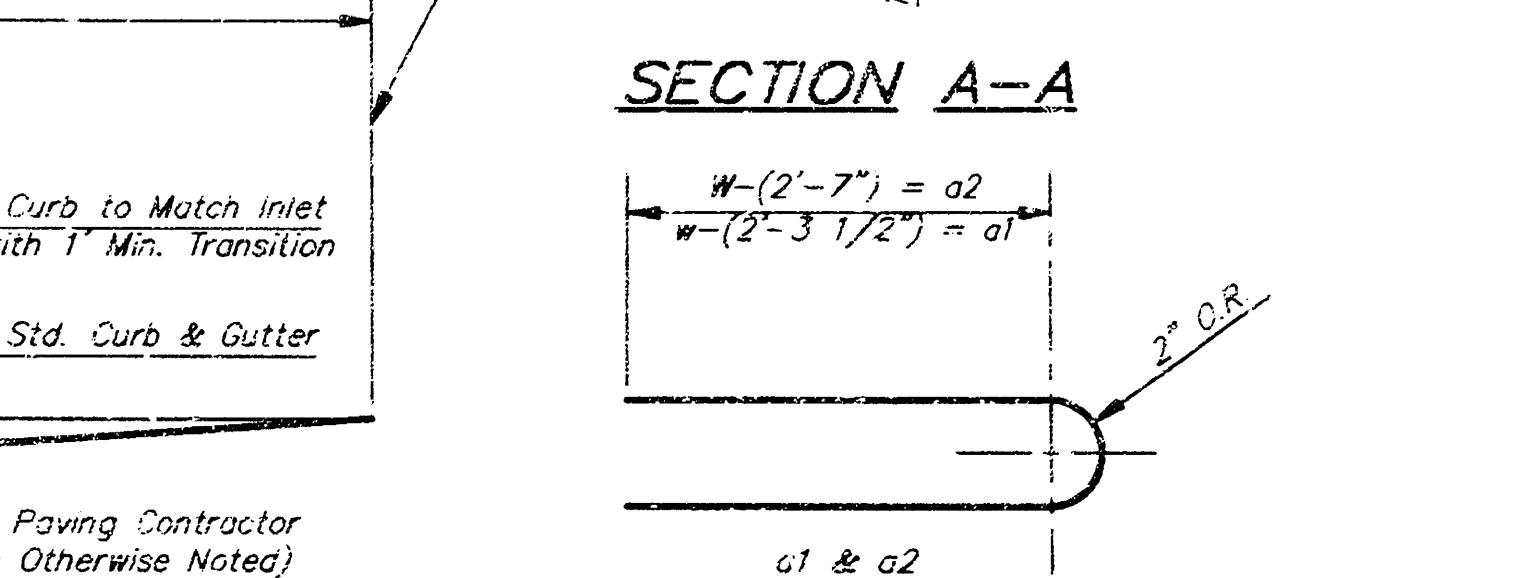
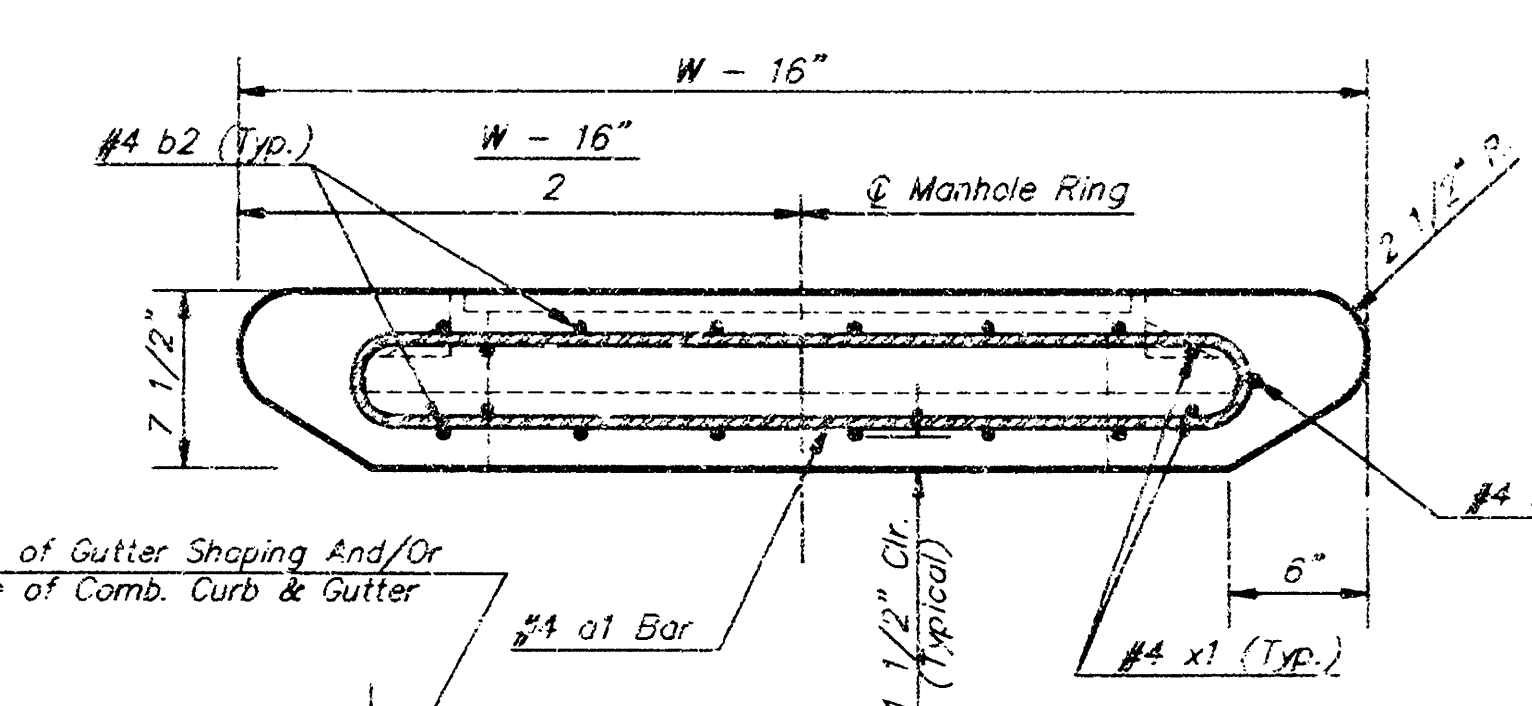
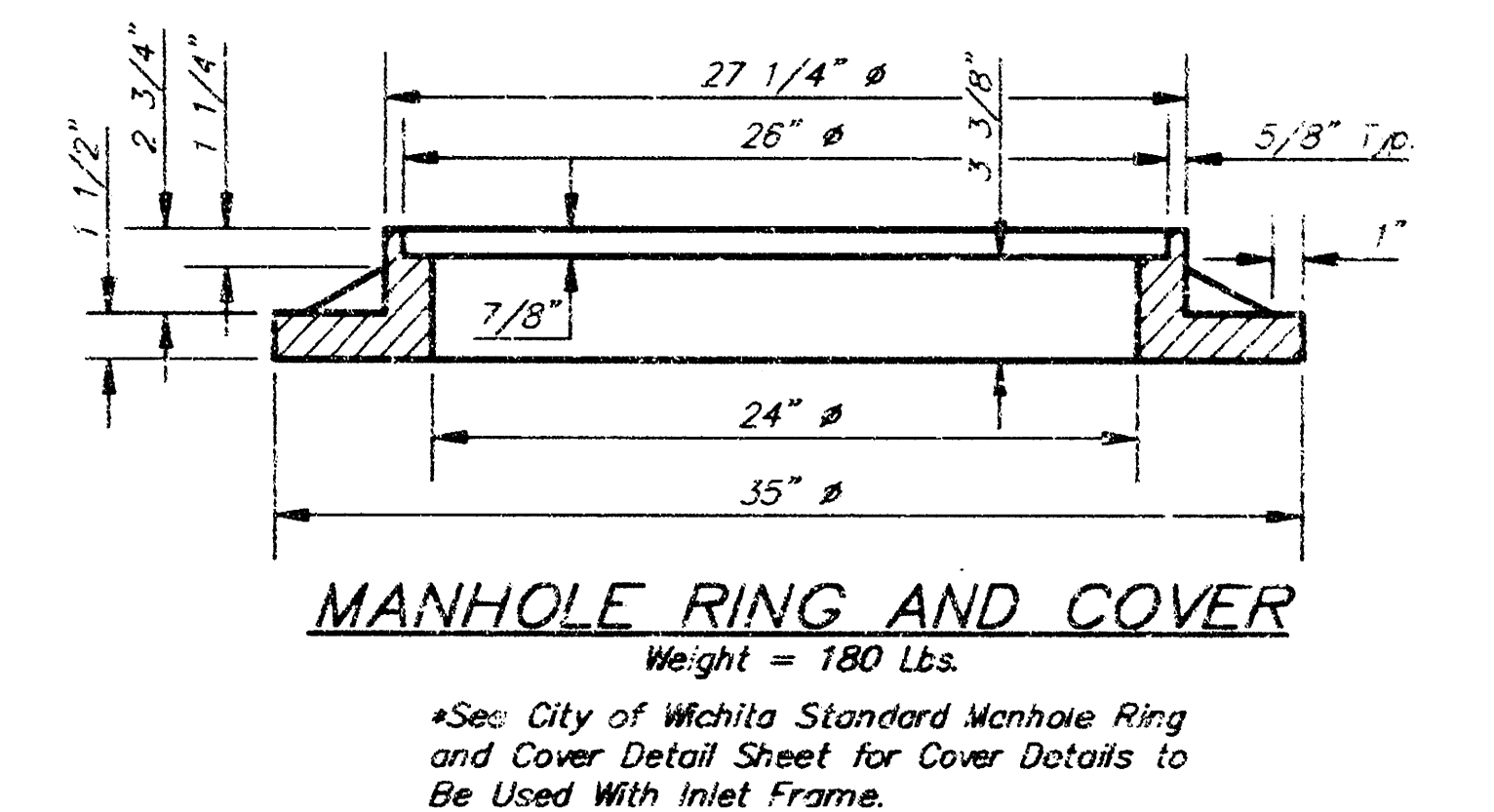
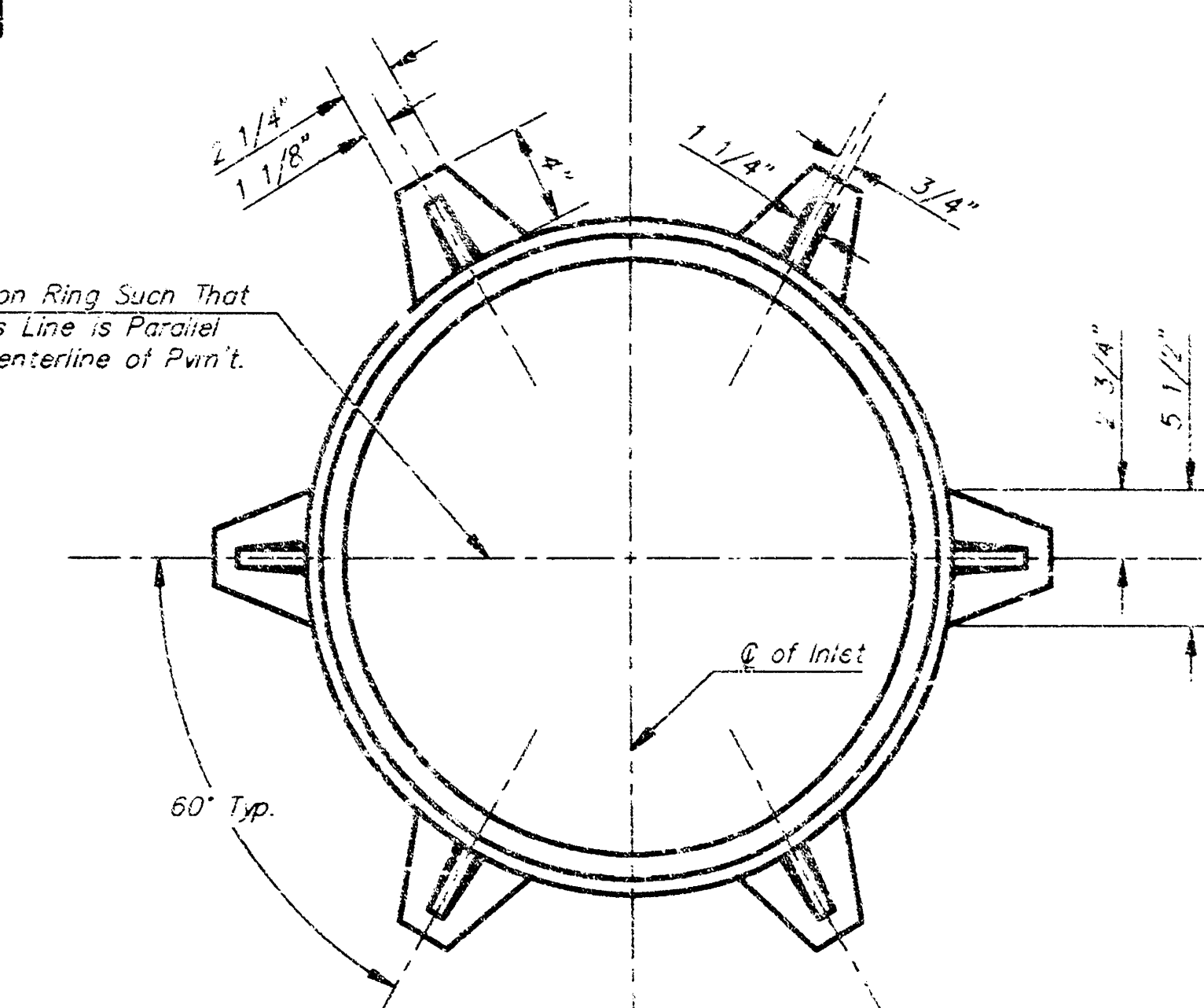
PRECAST SLAB AND FLOOR REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	6	6'-7"	8	8'-7"	6	10'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
a2	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"
x1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"

WALL REINFORCING									
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	1	6'-1"	1	6'-1"	1	6'-1"	1	6'-1"
w2	#4	1	4'-1"	1	5'-1"	1	6'-1"	1	7'-1"
w3	#4	32	2	36	2	40	2	44	2

* Field Bend or Cut Reinforcing as Required for Clearance.
 ① 4 (H1 - 12") (H1 - 21") Rounded down to nearest 0.5"
 ② H1 - 3"



STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CL. YD CONC.
4'-4"	3'-8" x 6'-4" x 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-8" x 6'-4" x 7 1/2"	24" & 30"	0.51±
6'-4"	5'-8" x 6'-4" x 7 1/2"	36" & 42"	0.64±
7'-4"	6'-8" x 6'-4" x 7 1/2"	48" & 54"	0.77±
8'-4"	7'-8" x 6'-4" x 7 1/2"	60" & 66"	0.90±



BENDING DIAGRAM

CITY OF WICHITA
DOUBLE FACED TYPE 1/1A
CURB INLET DETAILS

BAUGHMAN COMPANY P. A.
 ENGINEERING, SURVEYING, & PLANNING
 316-232-7271 • 315 ELMS. • WICHITA, KANSAS 67201

PROJECT NUMBER
851 PPS (207331)

DESIGN: [] DRAWN: [] APPROVED: [] DATE: 9/98 SCALE: NONE SHEET: 5 OF 8

State of Kansas) SS We, Baughman Company, P.A., Surveyors in
Sedgewick County) aforesaid County and State do hereby certify that we have surveyed
and platted "TIMBER RIDGE 3RD ADDITION", Wichita, Sedgewick County,
Kansas, and that the accompanying plat is a true and correct exhibit
of the property surveyed, described as and being a replat of Lot 1,
Block 1, Timber Ridge 2nd Addition, Wichita, Sedgewick County, Kansas.

All being situated in the NW 1/4 of Sec. 8, Twp. 27-S,
R-1-W of the 6th P.M., Sedgwick County, Kansas.

Existing public easements and dedications being vacated by virtue of K.S.A. 12-512(b).

Baughman Co., P.A.

We, the undersigned, holders of a mortgage on the above described property do hereby consent to the plat of "TIMBER RIDGE 3RD ADDITION", Wichita, Sedgwick County, Kansas.

First National Bank of Anthony

Richard Ciernay V.P.
Richard Ciernay (lib)

State of Kansas) SS The foregoing instrument acknowledged before me, this 14 day of March, 1996, by Ronald Cerny Vice President of First National Bank of Anthony, on behalf of the bank.

Devin McGinnis Notary Public

My App't. Exp. 12-12-99

This plot of "TIMBER RIDGE 3RD ADDITION,"
Wichita, Sedgewick County, Kansas has been submitted to and approved
by the Wichita-Sedgewick County Metropolitan Area Planning Comm-
ission, Wichita, Kansas.
Dated this 25th day of JANUARY, 1996.
Wichita-Sedgewick County Metropolitan Area Planning Commission

Susan Osborne-Howes Chair

Marvin S. Krout Secretary

This plat approved and all dedications shown hereon accepted by the City Council of the City of Wichita, Kansas, this 9th day of APRIL, 1996.

Bob Knight Mayor

Pat Burnett Deputy City Clerk

of July, 1996. Entered on transfer record this 2nd day.

Susan E. Crockett-Spoon
Susan E. Crockett-Spoon

State of Kansas)
Sedgwick County) SS This is to certify that this plat has been
filed for record in the office of the Register of Deeds, this 23rd day
of July, 1996, at 10:00 o'clock A.M. and is duly
recorded.

#1543791

SEAL OF THE COUNTY OF LOS ANGELES

Pat Kettler Register of Deeds
Pat Kettler

 Ed Roso PAULLIS HERNANDEZ Deputy,

State of Kansas)
Sedgwick County) SS The foregoing instrument acknowledged be-
fore me, this 0 day of March, 1996, by Terry L.
Duncan, Member and Manager of T. K. Development, LLC, on behalf of
the company.

My App't Exp B-16-99 Theresa Murphy Notary Public
THERESA MURPHY

State of Kansas) SS The foregoing instrument acknowledged be-
Sedgwick County) fore me, this 5 day of March, 1996, by J. Kendall
Dillehay, Member and Manager of T. K. Development, LLC, on behalf of
the company.

My Add'l. Exp. 8-16-99 Theresa Murphy Notary Public
THERESA MURPHY

