

STORM WATER SEWER TO SERVE L.R. Jones Third Addition LOT 1

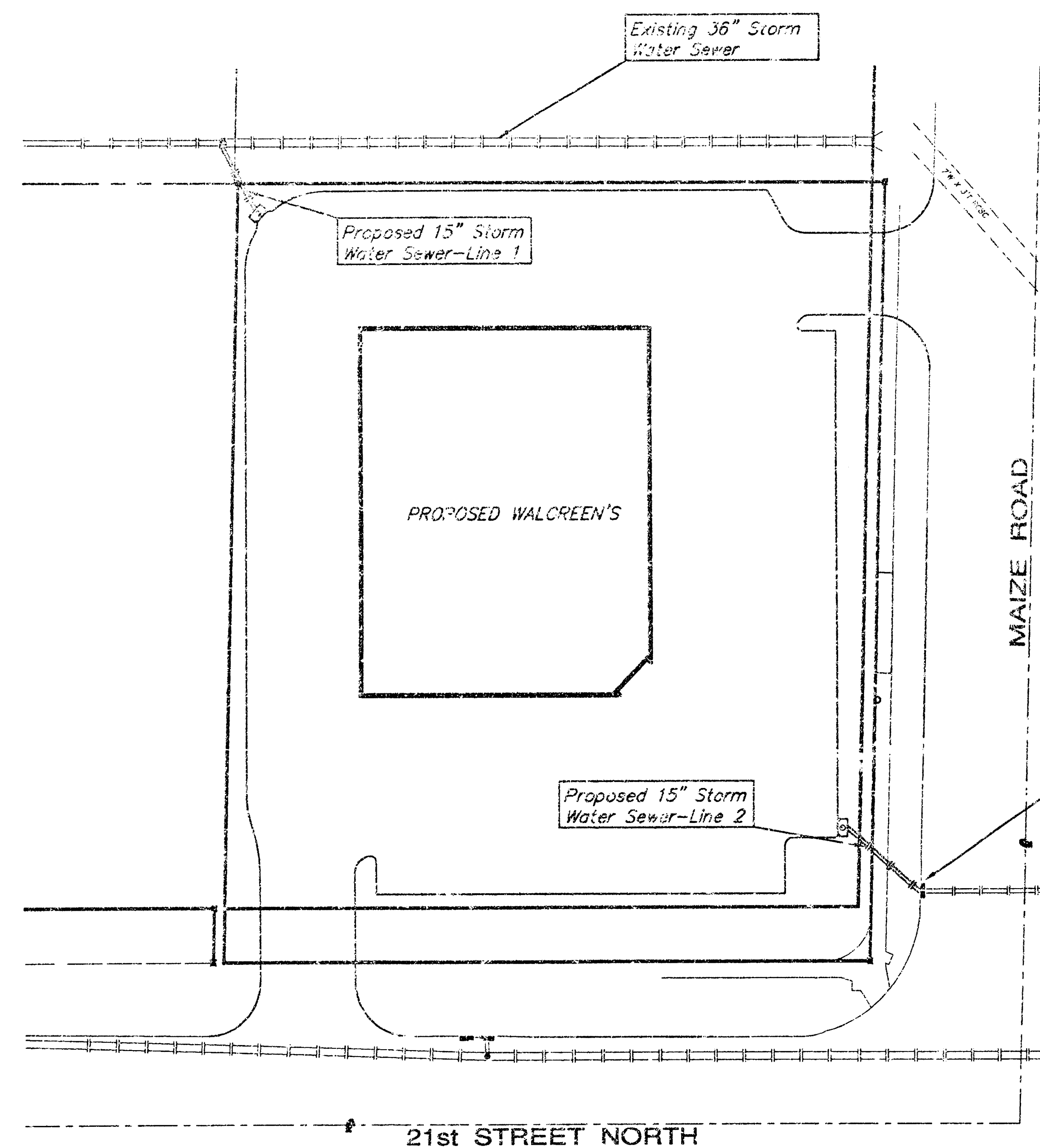
Private Project Number
981 PPS (607861)

CITY OF WICHITA, KANSAS
Michael E. Lindebak, P.E. City Engineer
January 2000

PROPOSED
11-15-00
2-1-01

Index

Title Sheet	1
Plan/Profile Sheet	2
Detail Sheet	3
Copy Of Plat	5

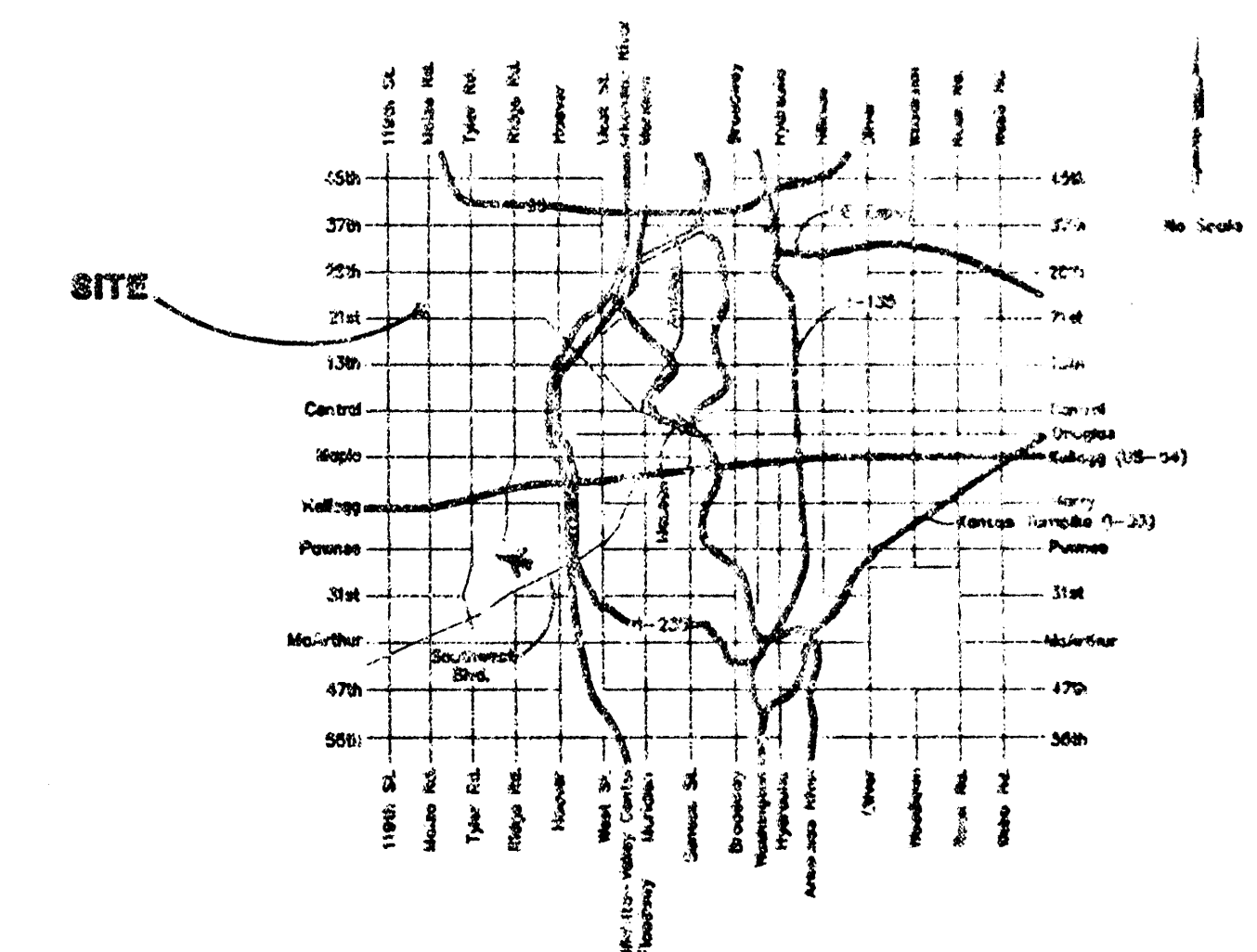


SCALE:
1" = 40'

General Notes

- Contractor will be required to provide notice to utility companies a minimum of forty-eight (48) hours prior to any excavation, as follows:
Kansas One-Call 687-2470
The Contractor must notify the following in case of an emergency:
Multimedia Cablevision 252-4270
Kansas Gas Service Company 383-8500
Kansas Gas & Electric Company 383-5850
Peoples Gas Company 942-7800
Southwestern Bell Telephone Company 1-571-2611
City of Wichita Water Department 268-4903
City of Wichita Sewer Department 268-4071
- Utility service lines, poles, valve boxes, meters, et cetera 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 and shall be field verified. The contractor will be required to work around existing utilities within the right-of-way which do not conflict with proposed construction.
- Trees and shrubs in public right-of-way which are in direct conflict with proposed new construction shall be removed by the Contractor with the Engineer's approval. Trees and shrubs which are not in direct conflict with proposed new construction shall be saved and protected from damage.
- Contractor shall not start work on the project until the project inspector is assigned to the project and is present on the site. Any work done without inspection will be required to be uncovered for inspection.
- Rubble from the removal of miscellaneous structures and excess excavation which is to be wasted shall be disposed of on site 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.

Location Map



APPROVED AS NOTED
BY CITY ENGINEER OF WICHITA

Storm Sewers VRH 1/7/2000

NOTE TO CONTRACTORS

Installation, inspection and testing for the waterline 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).

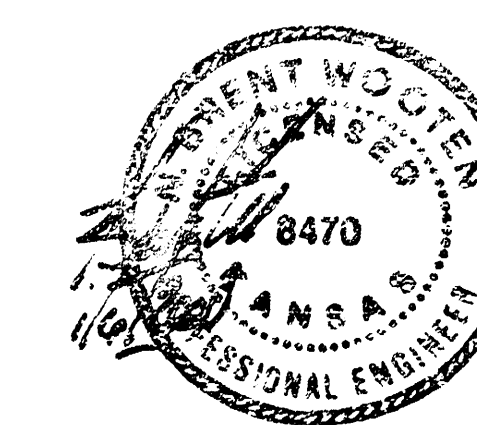
Legal Description

The East 248.60 feet of Lot 1, Block A, L.R. Jones Third Addition, Sedgwick County, Kansas.

Benchmark

City of Wichita Disc 64' East and 99' South of SE Corner
21st Street and Maize Road.
Elevation: 164.30 City Datum

As Built 7/00 KK



BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 316-262-7272 • WICHITA, KANSAS 67211

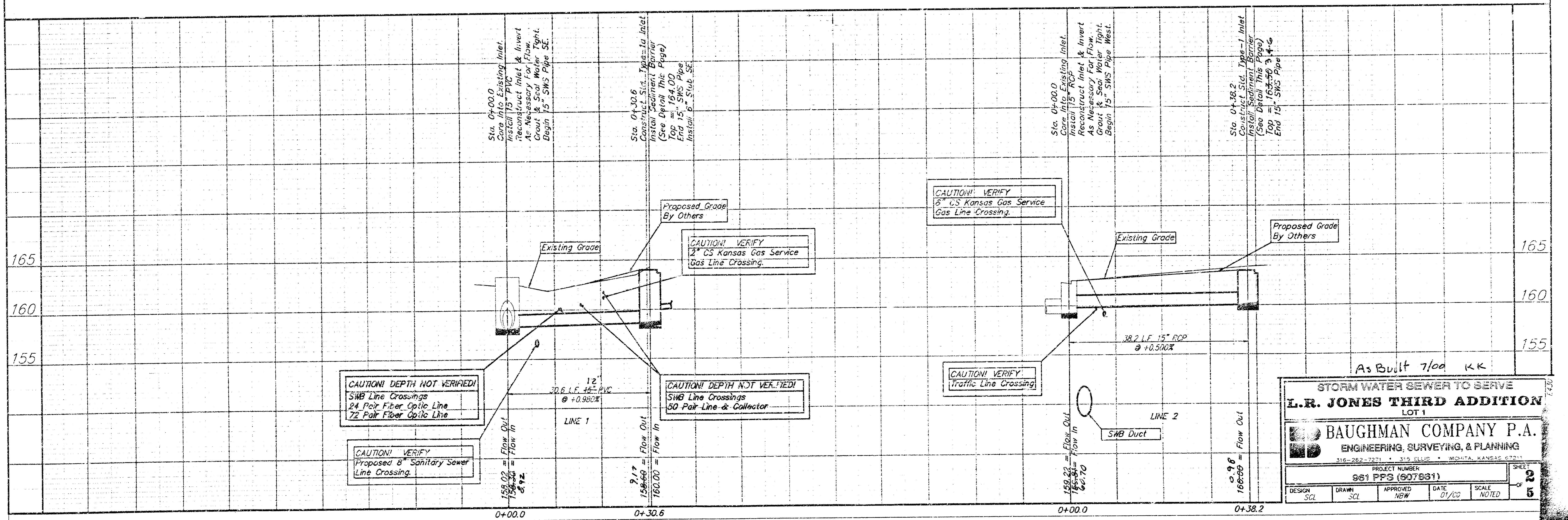
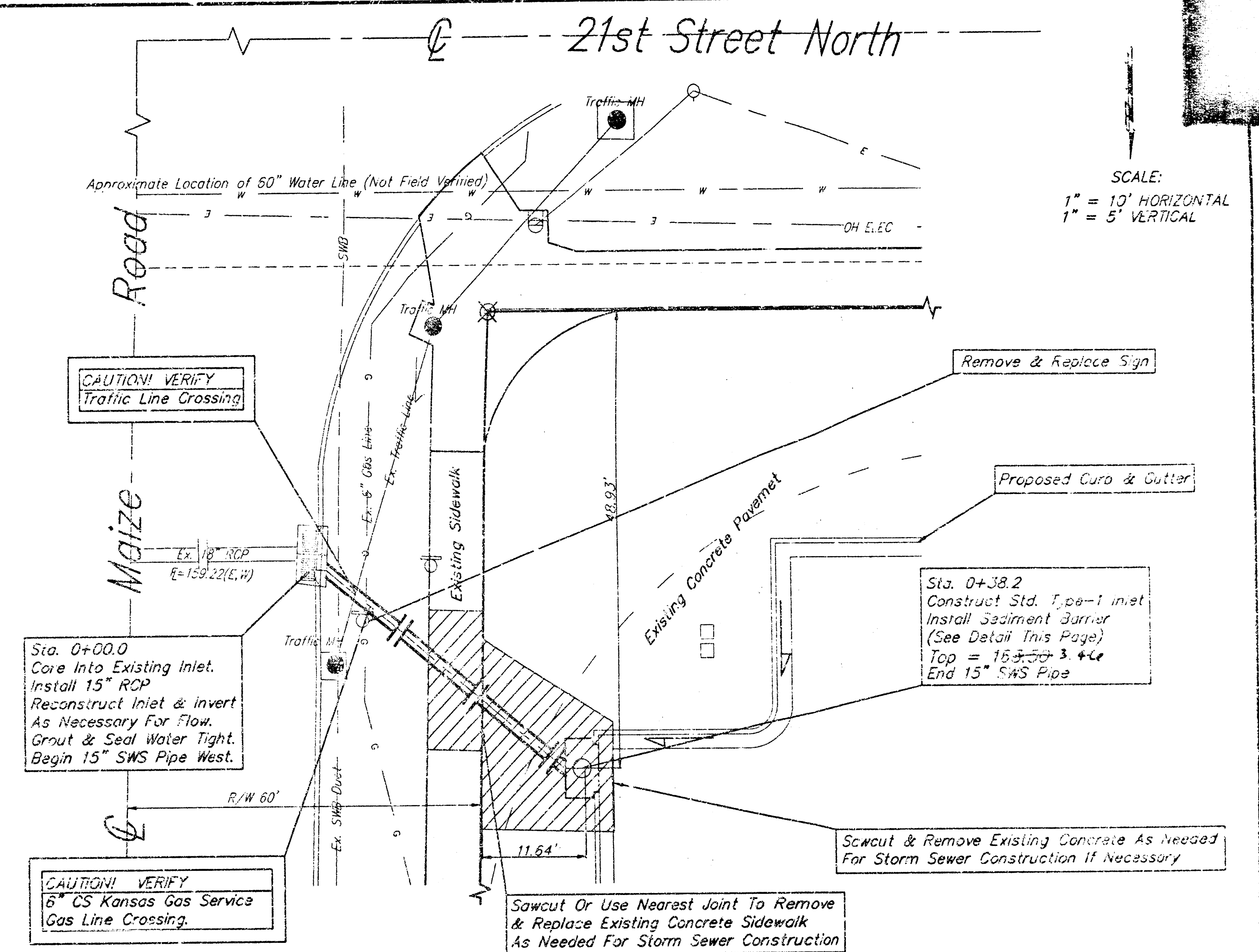
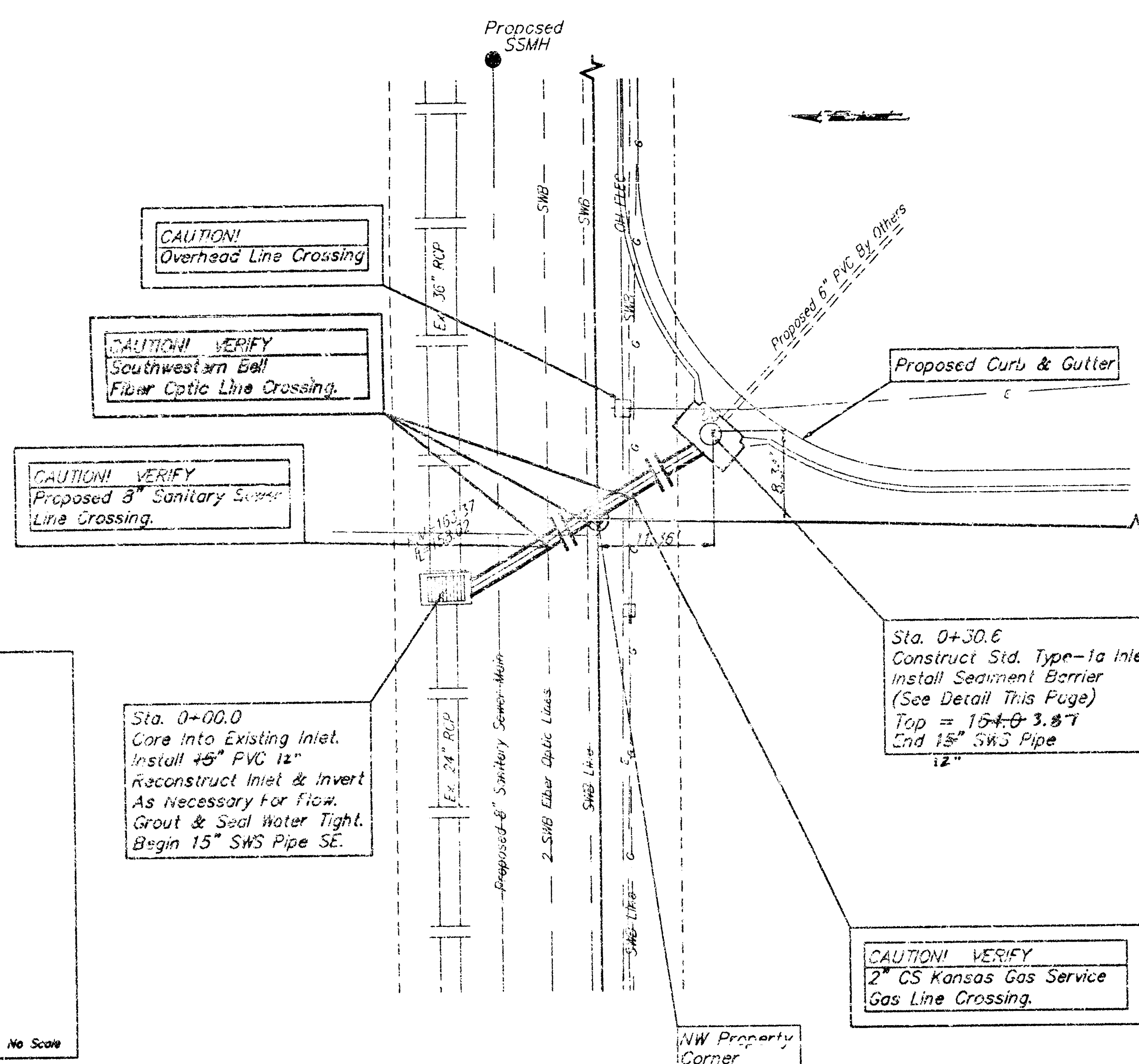
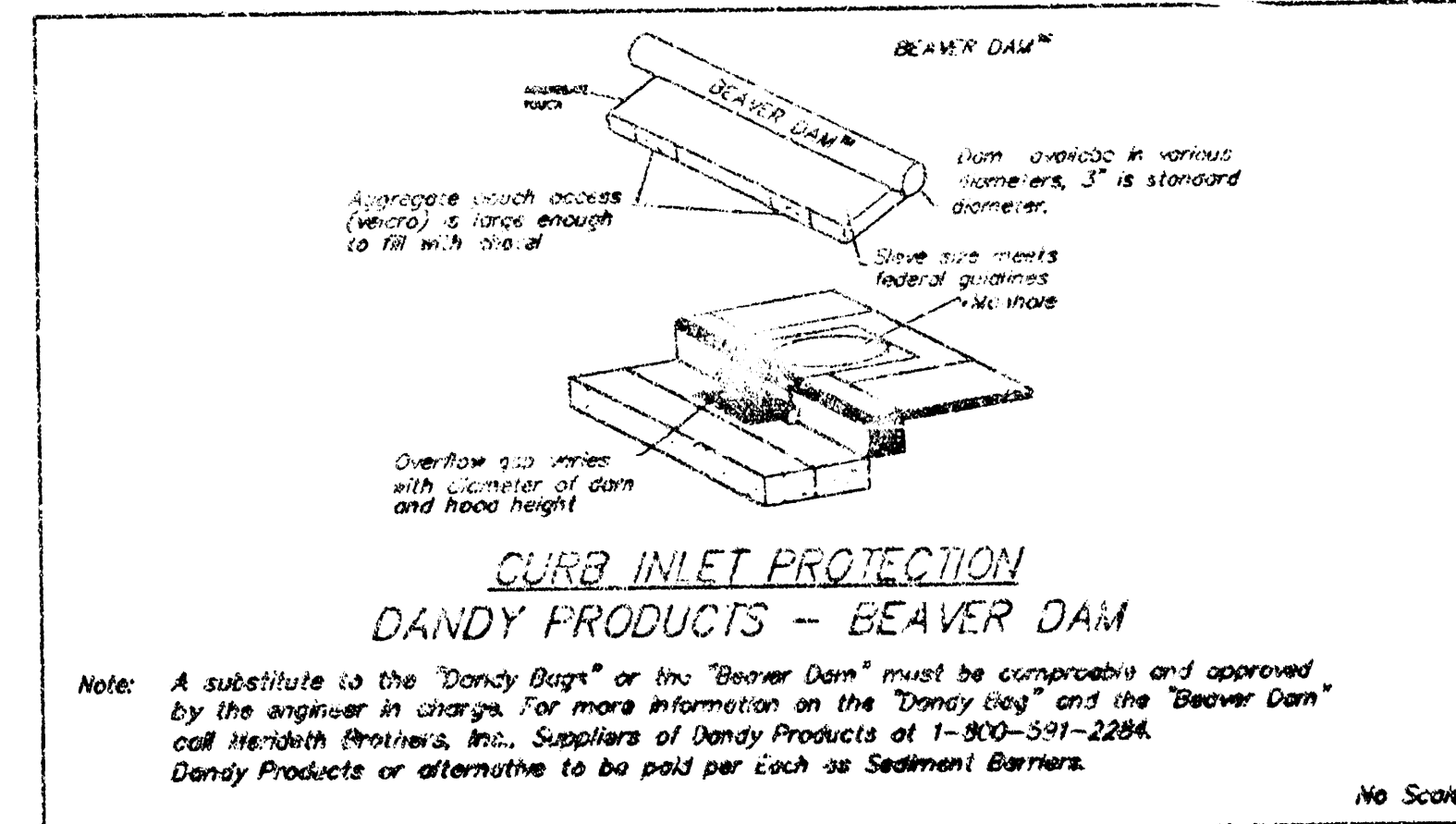
LEGAL DESCRIPTION:

The East 243.60 feet of Lot 1, Block A, L.R. Jones Third Addition, Sedgewick County, Kansas.

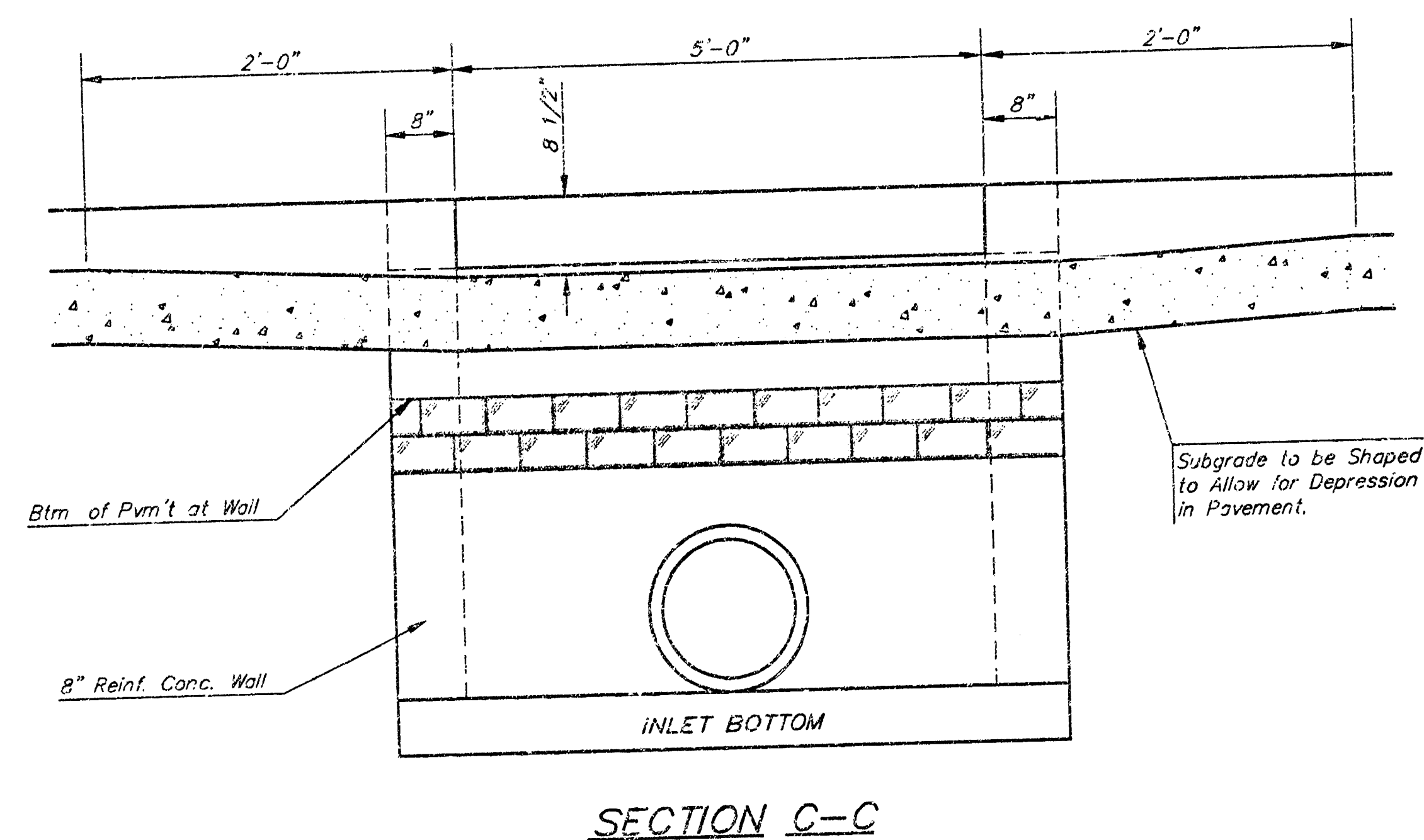
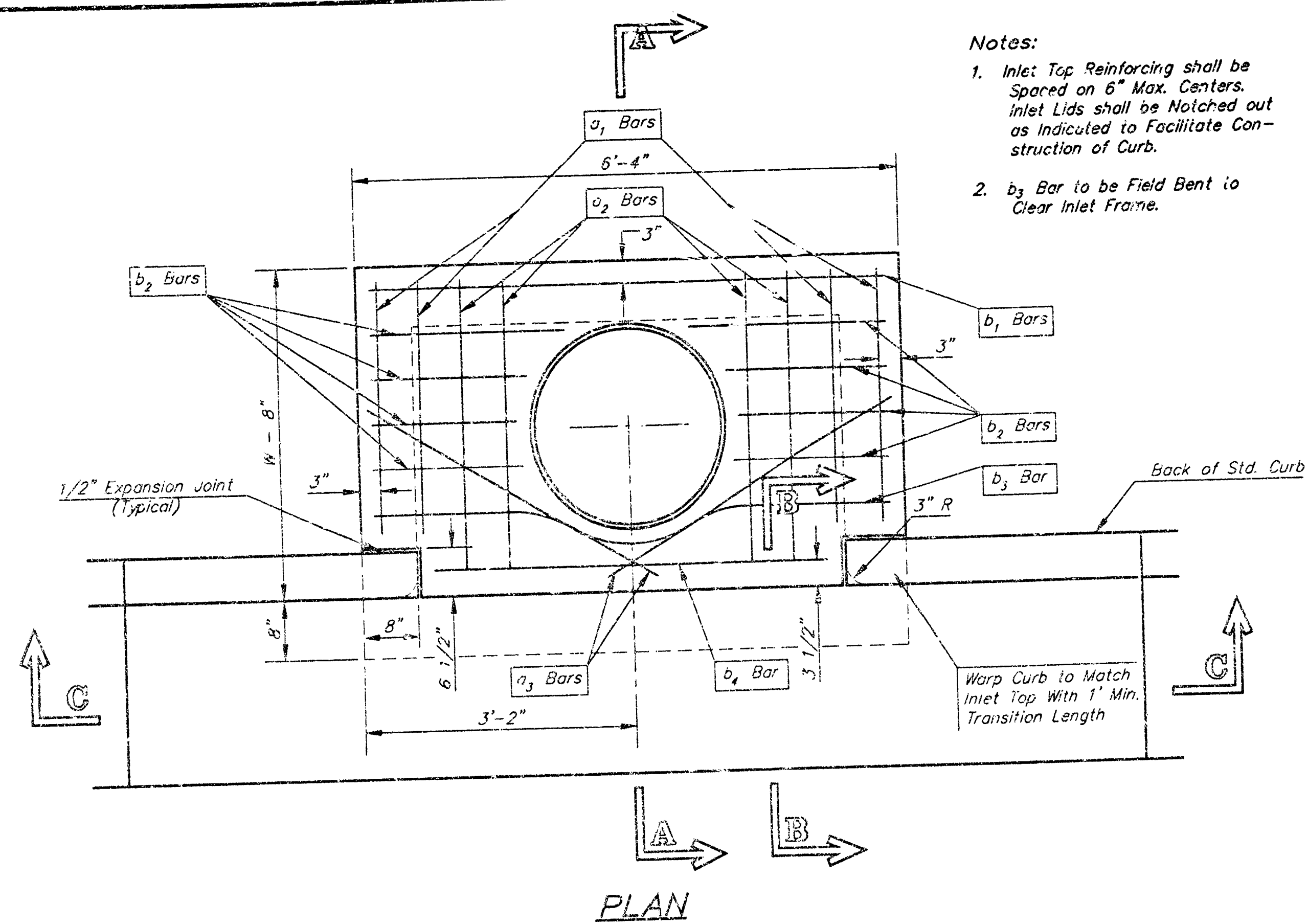
BENCHMARK:

City of Wichita Disc 64' East and 93' South of SE Corner 21st Street and Maize Road
Elevation: 164.30 City Datum

Sediment Barrier Detail



STORM WATER SEWER TO SERVE					
L.R. JONES THIRD ADDITION					
LOT 1					
BAUGHMAN COMPANY P.A.					
ENGINEERING, SURVEYING, & PLANNING					
316-262-7271 • 316-5115 • WICHITA, KANSAS 67211					
PROJECT NUMBER: 981 PFS (607831)					
DESIGN: SCL	DRAWN: SCL	APPROVED: NEW	DATE: 01/00	SCALE: NOTED	SHEET: 2 OF 6



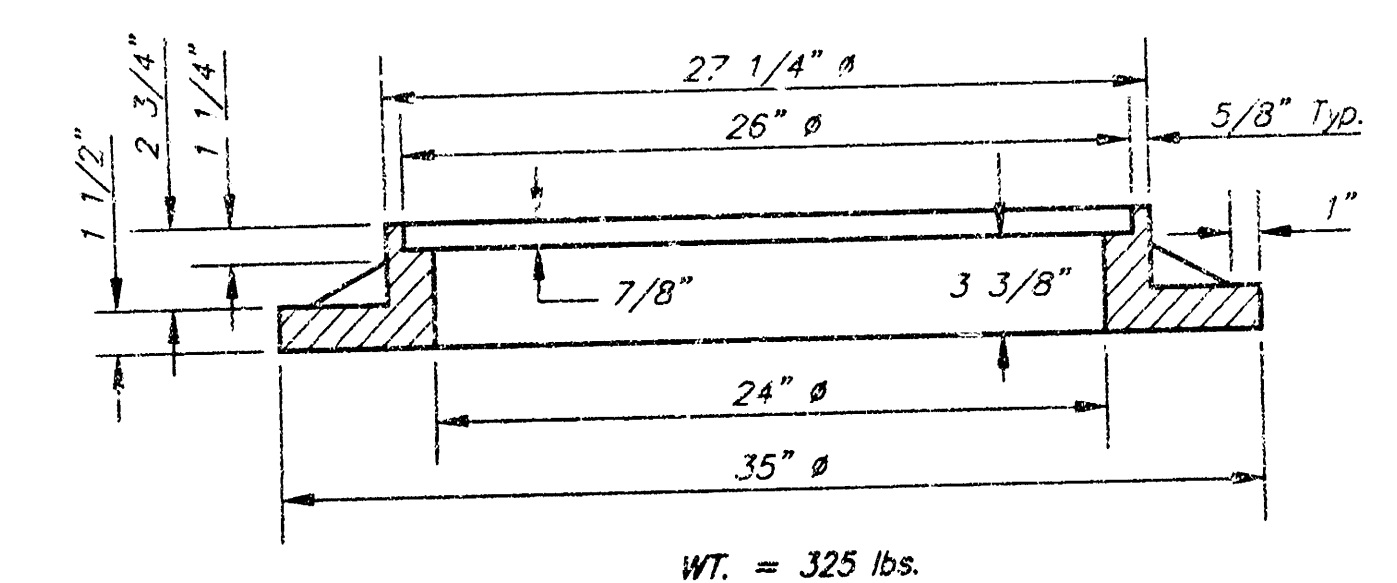
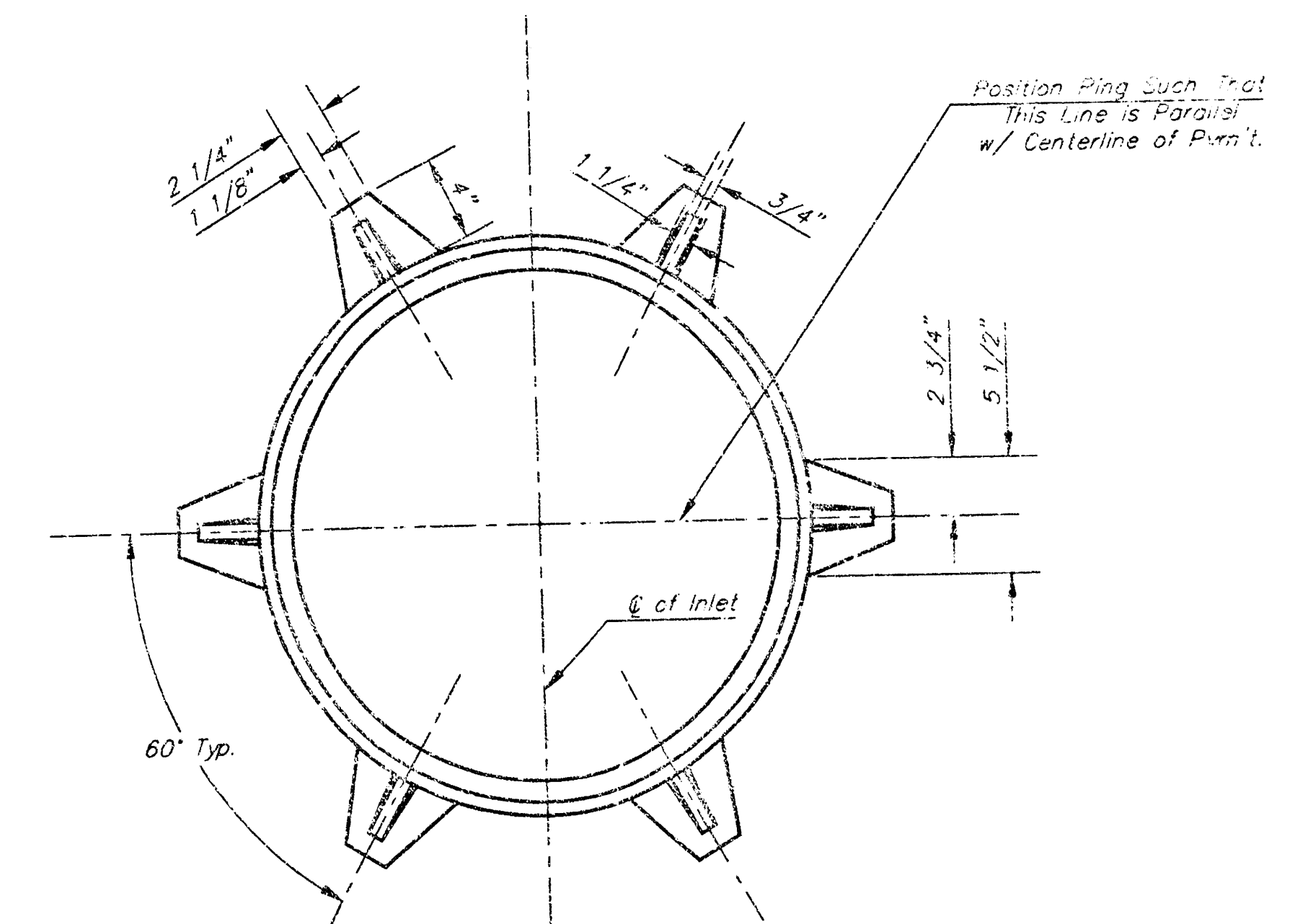
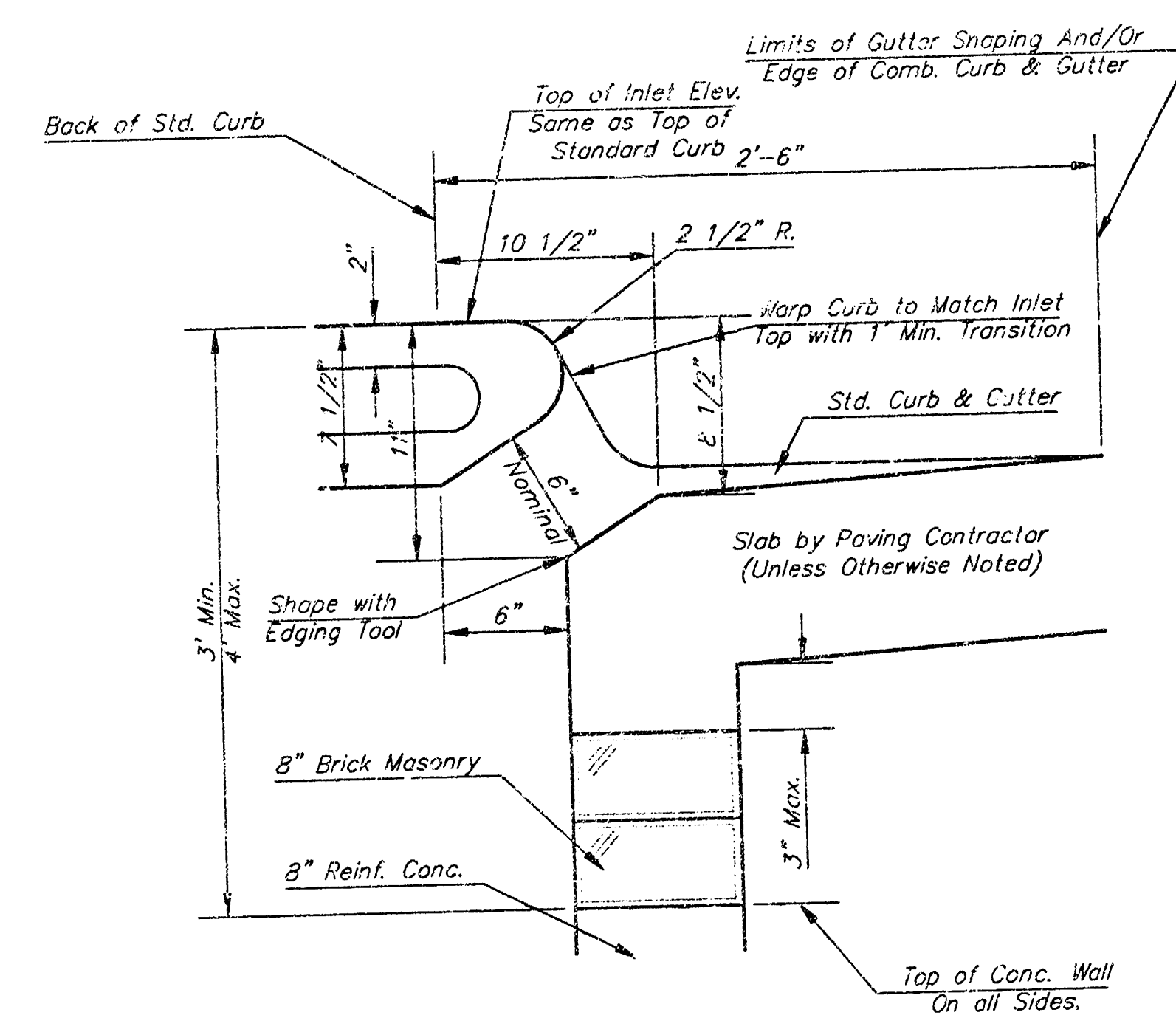
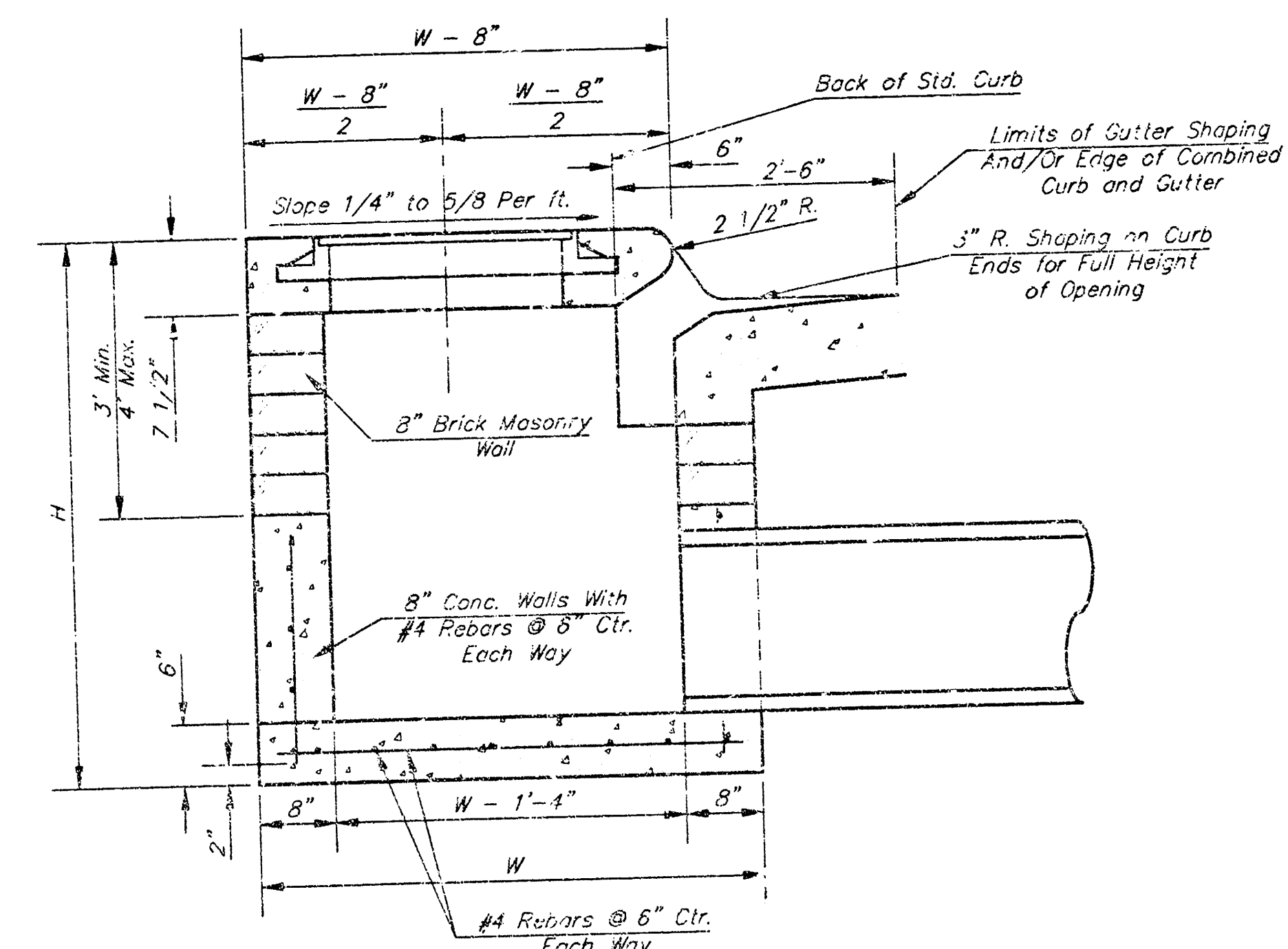
STEEL SCHEDULE

BAR	a ₁	a ₂	a ₃	b ₁	b ₂	b ₃	b ₄	WT. Lbs.
NUMBER	4	4	2	1	5	7	9	
SIZE	#4	#4	#4	#4	#4	#4	#4	
LENGTH	W=4'-4"	5'-7"	6'-7"	4'-0"	6'-1"	-	-	60±
	W=5'-4"	7'-7"	8'-7"	5'-0"	6'-1"	-	-	81±
	W=6'-4"	9'-7"	10'-7"	6'-0"	6'-1"	-	-	101±
	W=7'-4"	11'-7"	12'-7"	7'-0"	6'-1"	-	-	121±
	W=8'-4"	13'-7"	14'-7"	8'-0"	6'-1"	-	-	141±

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

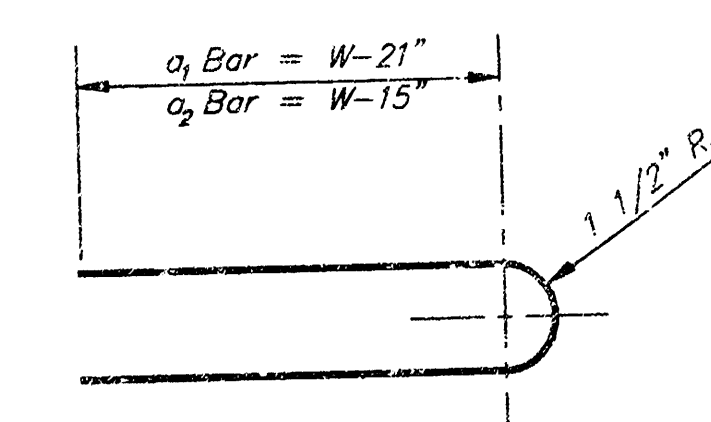
STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4'-4"	3'-3" 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±



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

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=5'-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.

Revised - Dec. 21, 1984

CITY OF WICHITA, KANSAS

TYPE 1 CURB INLET

INLET OPENING = 6"X5'-0"

BAUGHMAN COMPANY P.A.

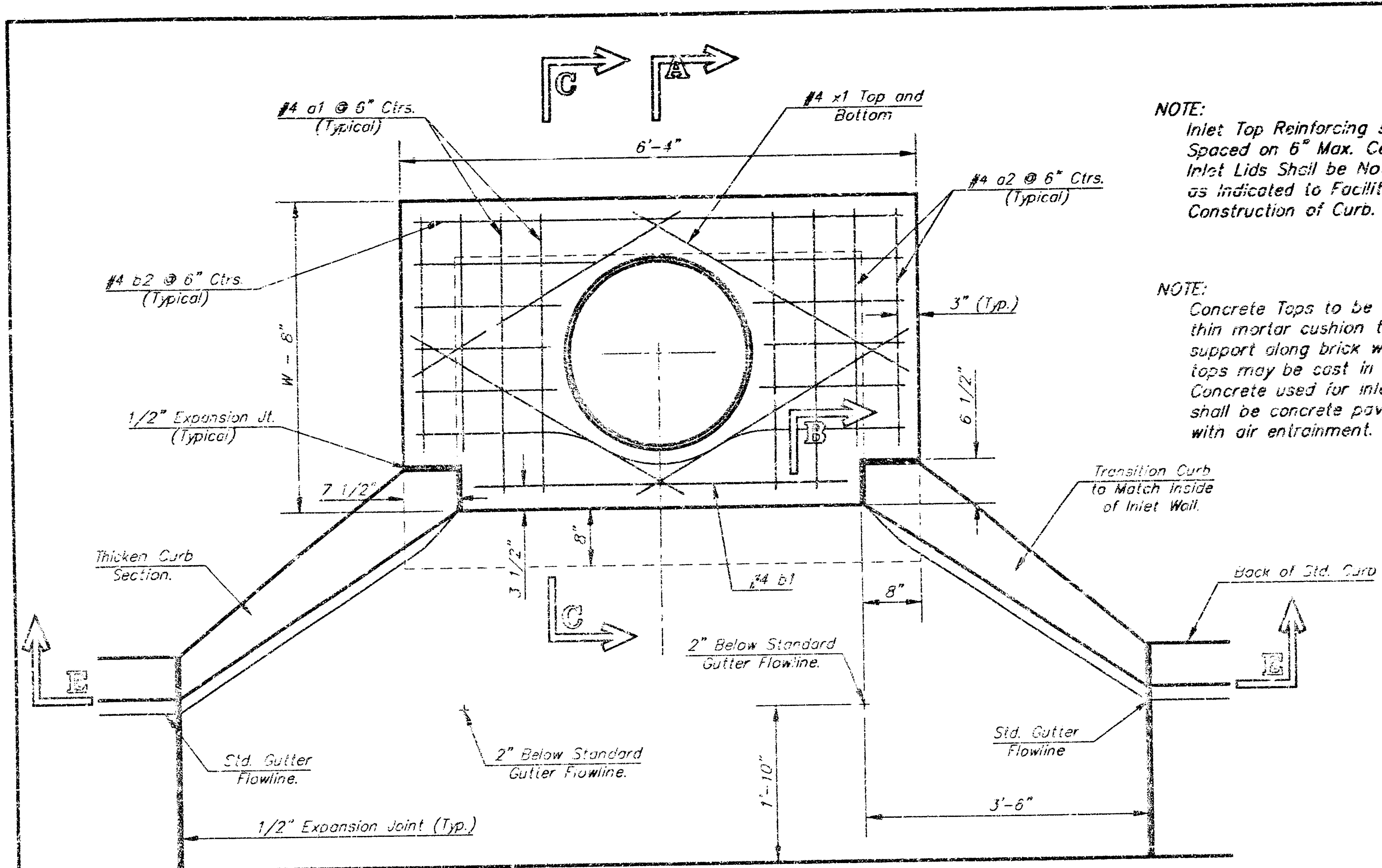
ENGINEERING, SURVEYING, & PLANNING

318-202-7221 • 315 E. 15th • WICHITA, KANSAS 67201

PROJECT NUMBER: 981 PFS (807851)

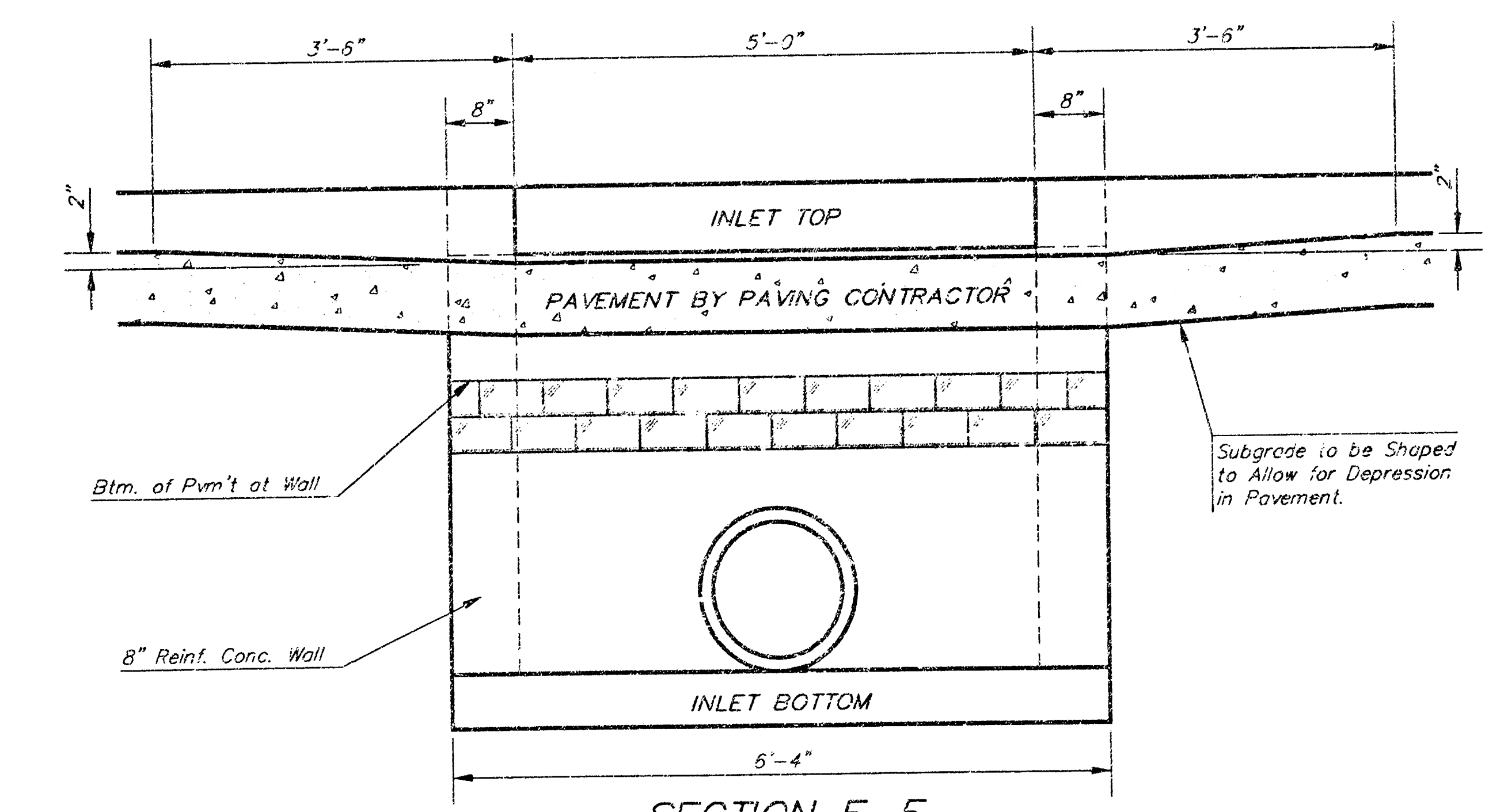
DESIGN: C.O.W. DRAWN: STAFF APPROVED: DATE: 12/18/98 SCALE: NONE

SHEET 3 OF 5

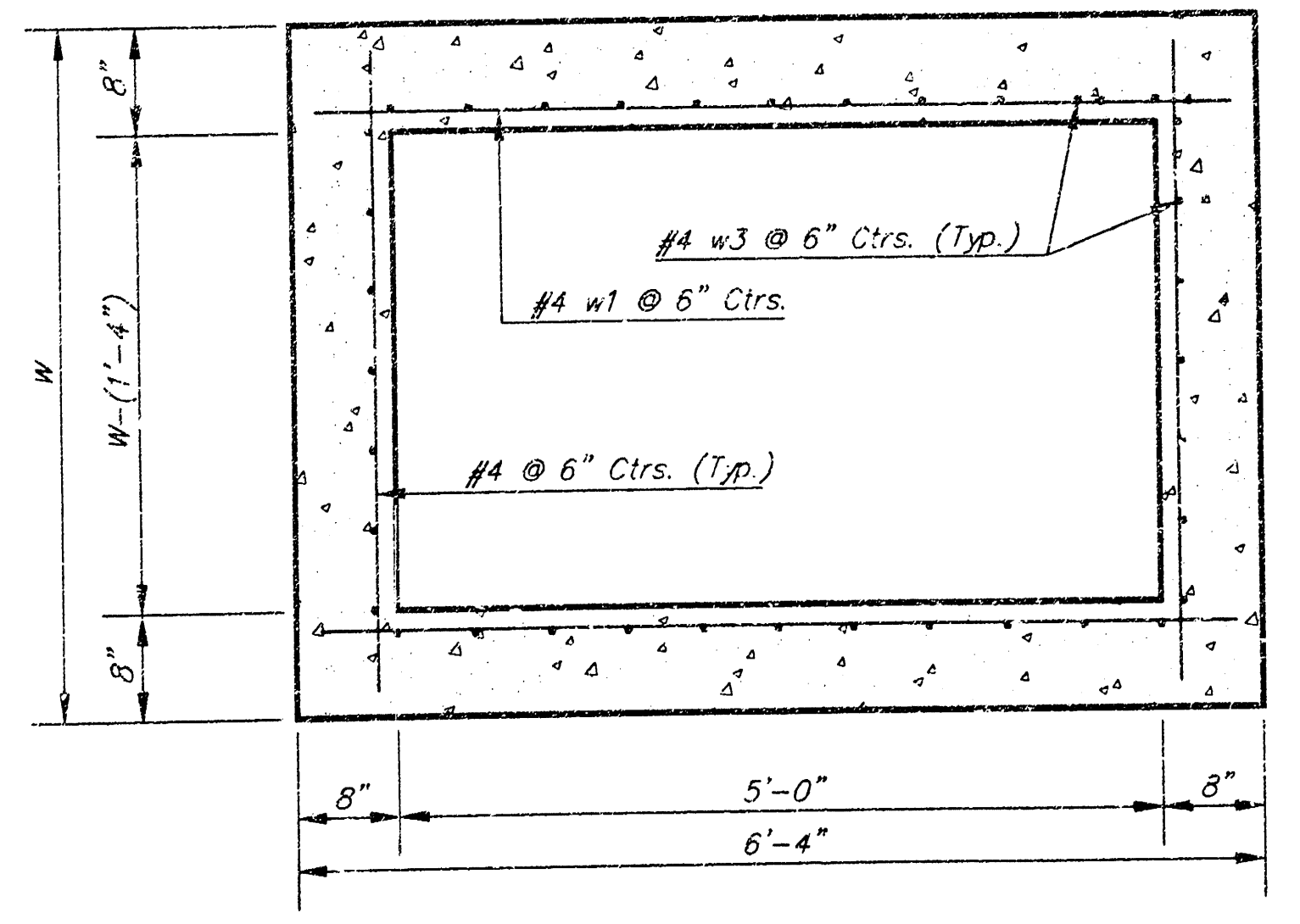


NOTE: Expansion Joint Only in Curb Area With Concrete Pavement.

PLAN



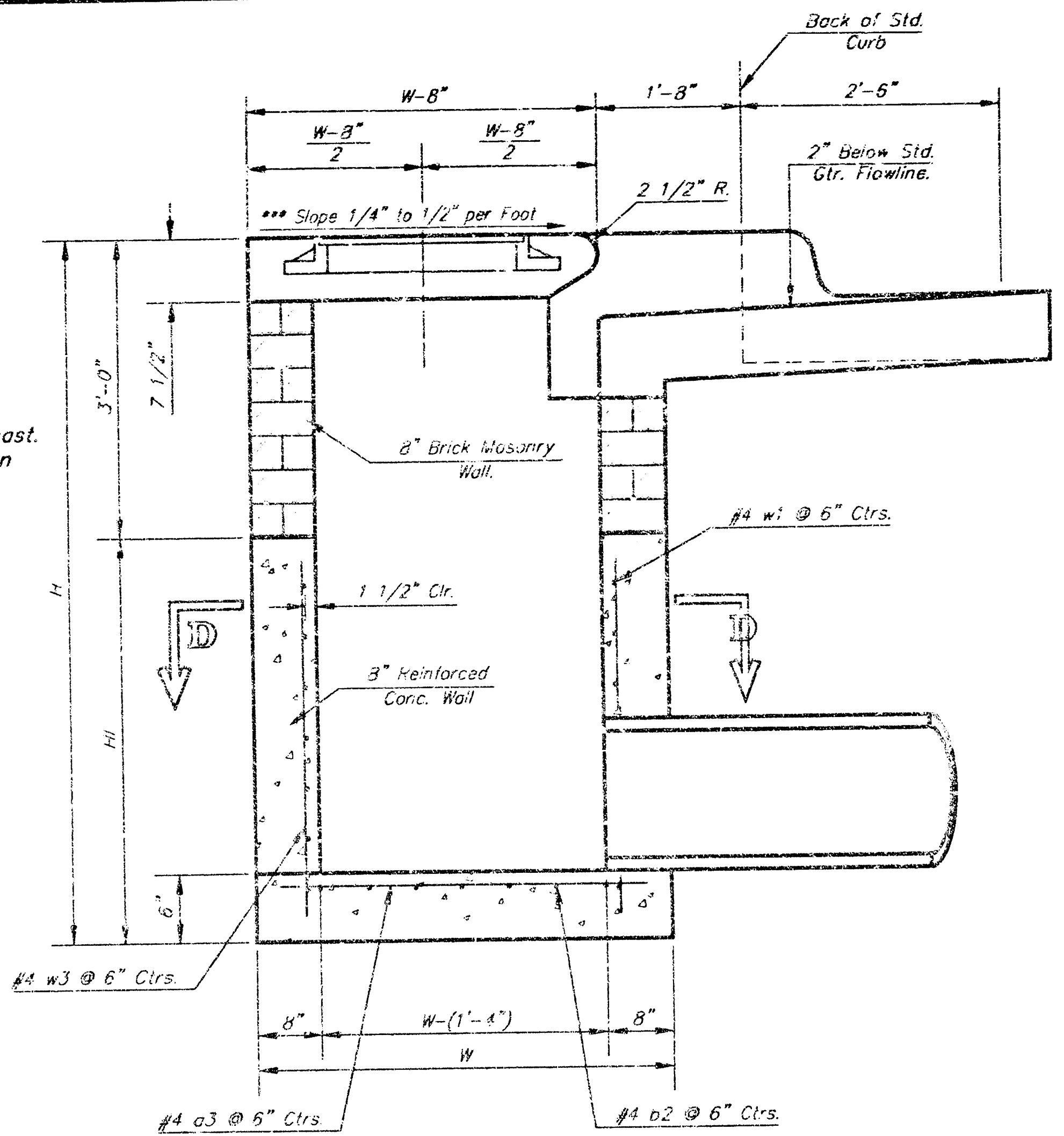
SECTION E-E



SECTION D-D

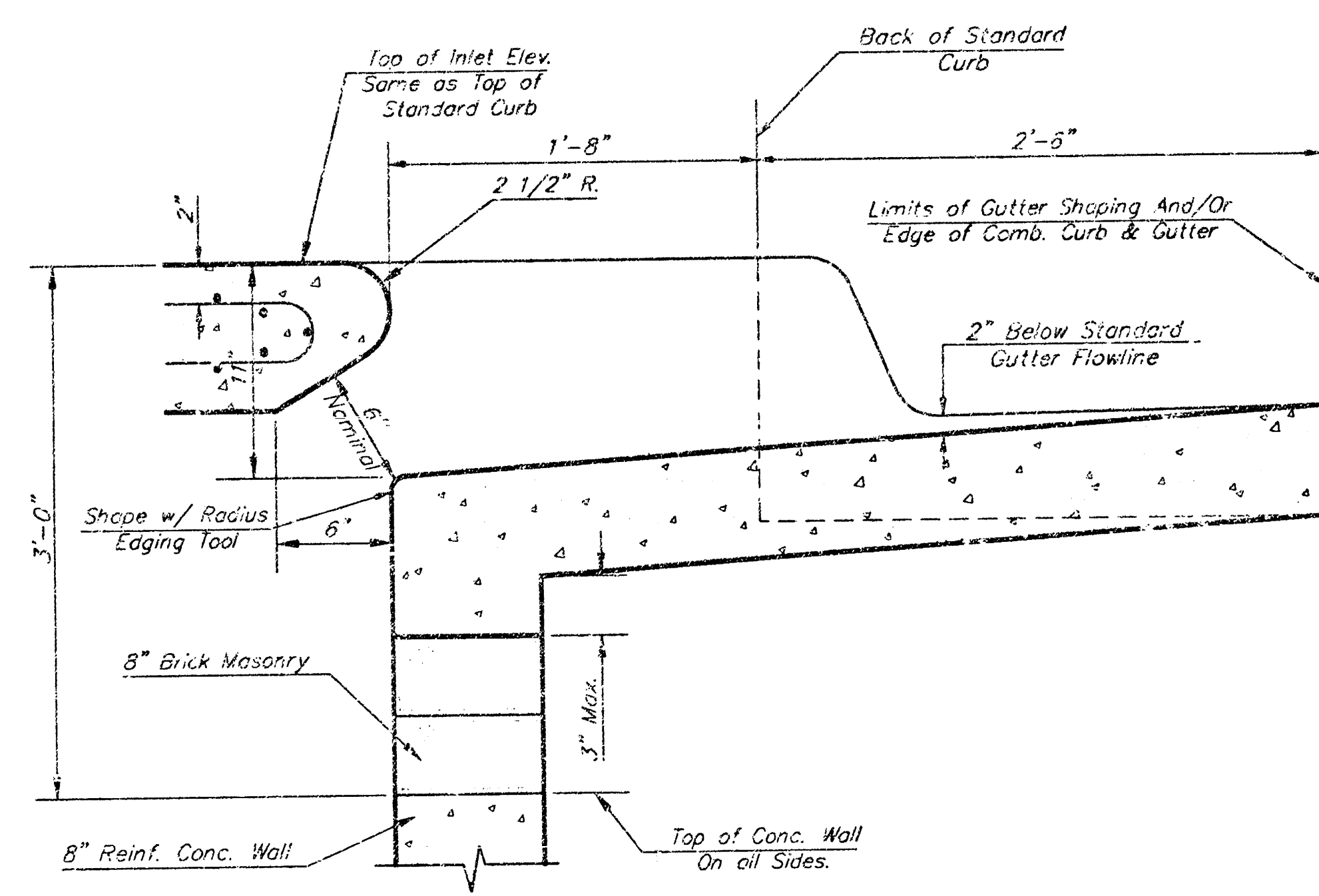
NOTE: Inlet Top Reinforcing shall be Spaced on 6" Max. Centers. Inlet Lids Shall be Notched Out as Indicated to Facilitate Construction of Curb.

NOTE: 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 with air entrainment.

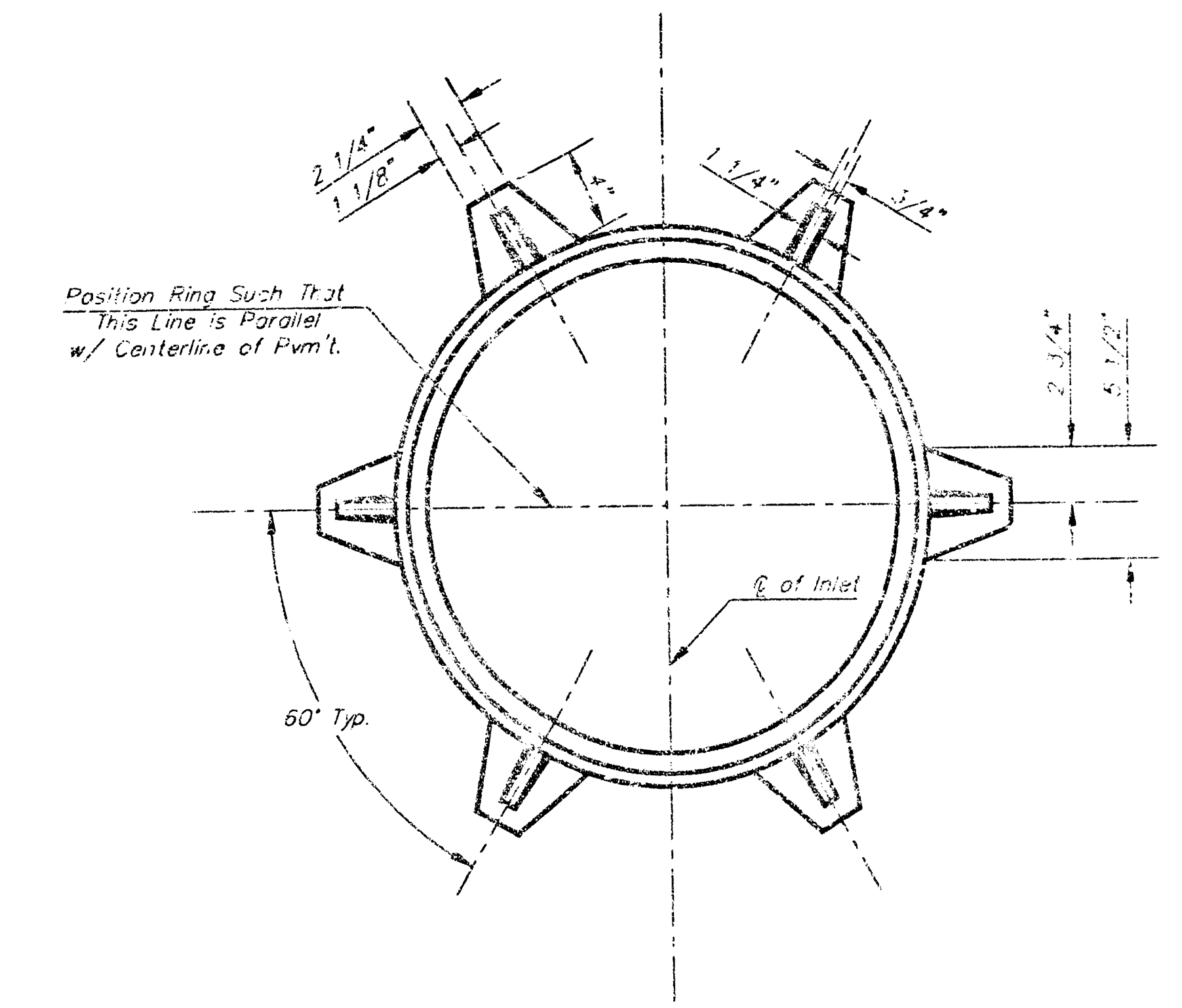


SECTION A-A

NOTE: Slope of inlet tops to match Sidewalk or Parking Slopes within Limits Indicated.



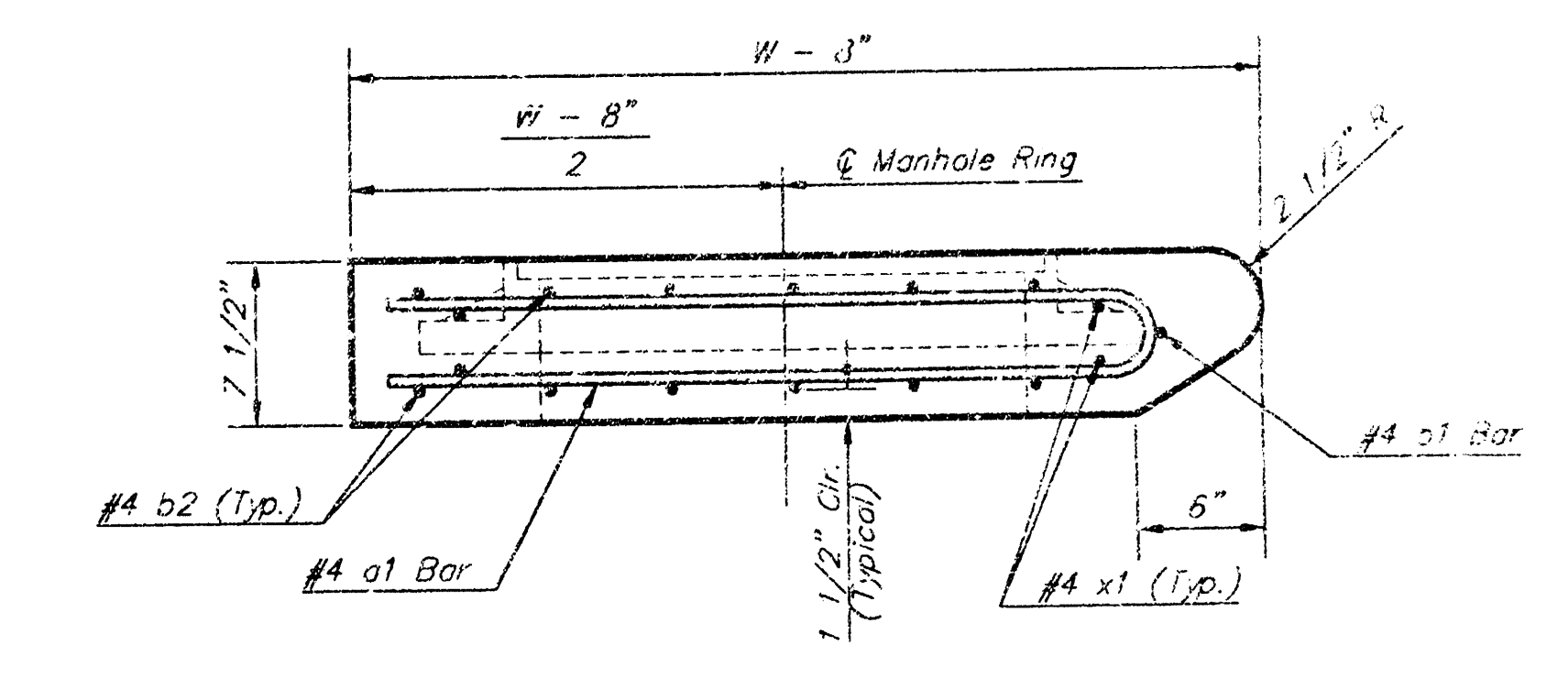
SECTION B-B



MANHOLE RING AND COVER

Weight = 180 Lbs.

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



SECTION A-A

PRECAST SLAB AND FLOOR REINFORCING											
MARK	SIZE	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	6	6'-7"	6	8'-7"	6	10'-7"	6	12'-7"	6	14'-7"
a2	#4	4	6'-0"	4	8'-0"	4	10'-0"	4	12'-0"	4	14'-0"
a3	#4	13	4'-1"	13	5'-1"	13	6'-1"	13	7'-1"	13	8'-1"
b1	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
b2	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"	47	6'-1"
x1	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"	8	5'-2"

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

BENDING DIAGRAM

STANDARD CURB INLET PRECAST TOPS			
W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
6'-4"	3'-6" x 6'-4" x 7 1/2"	21" & SMALLER	0.38±
5'-4"	4'-5" 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±

Revised - Feb. 16, 1989

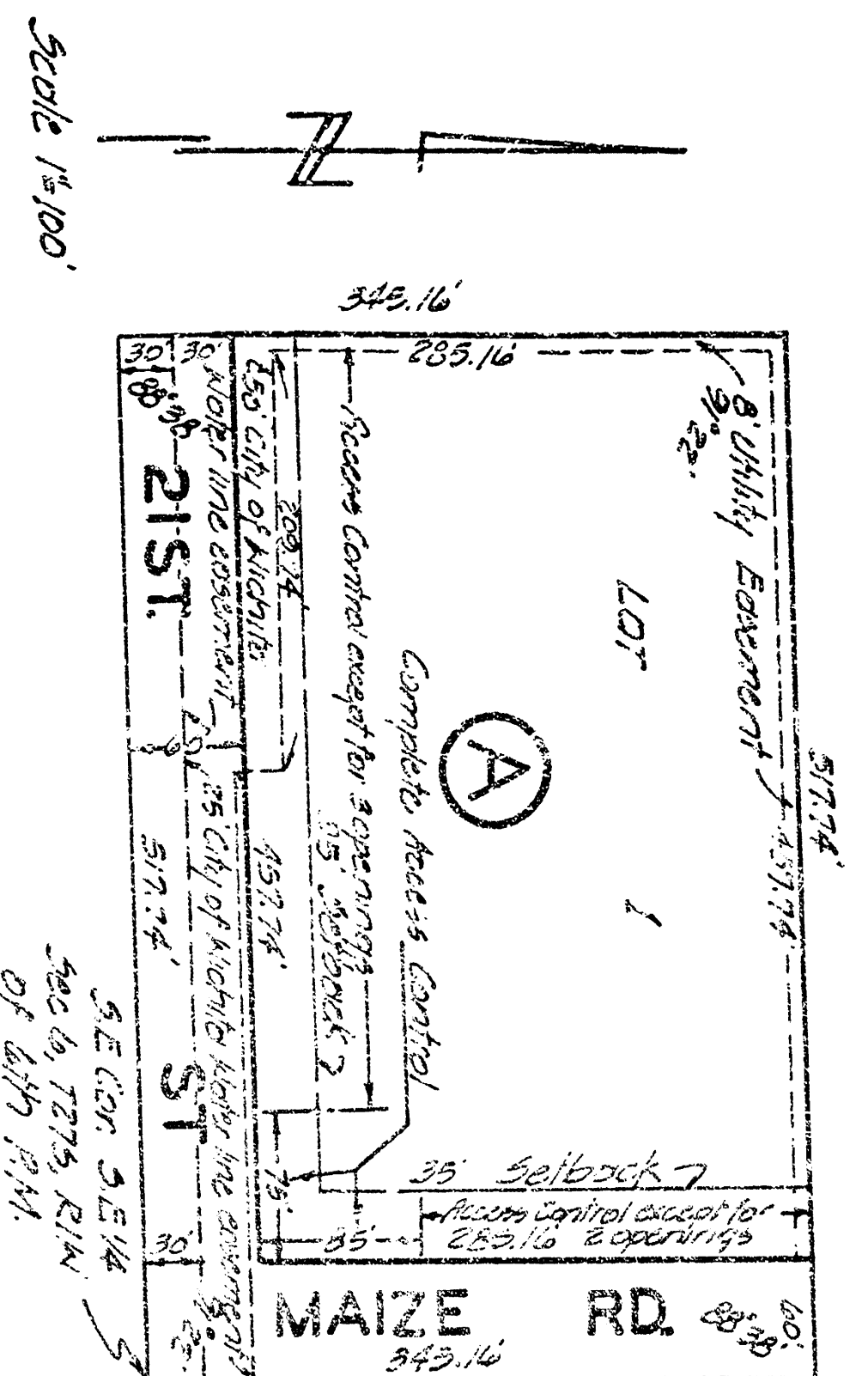
CITY OF WICHITA STANDARD TYPE 1A
Curb Inlet Details
INLET OPENING = 6" x 8"-0"

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER
961 FPS (607861)

DESIGN: C.O.W. DRAWN: Staff APPROVED: DATE: 11-30-98 SCALE: None SHEET: **4** OF **5**

L. R. JONES THIRD ADDITION SEDGWICK COUNTY, KANSAS.



Scale 1/4" = 100'

State of Kansas }
County of Sedgwick } s.s.
I, Don C. MacIntyre, C.E., a Civil Engineer in said State and County, do hereby certify that I have surveyed and platted L.R. JONES THIRD ADDITION, Sedgwick County, Kansas, the same being accurately set forth in the accompanying plat and described as: A tract of land in the 3 1/4 E 1/4 of Section 6, Township 27 South, Range 1 West of the 4th P.M., beginning at the 3 1/4 Corner of the 3 1/4 E 1/4 of Section 6, Township 27 South, Range 1 West of the 4th P.M. thence West along the South line of said Section 6, a distance of 57.74 feet thence North parallel with the East line of Section 6, a distance of 54.16 feet thence East a distance of 57.74 feet to a point in the East line of the 3 1/4 E 1/4 of said Section 6, thence South 54.16 feet to the point of beginning; thence South 54.16 feet to the point of beginning;

Don C. MacIntyre, C.E.
DON C. MACINTYRE, C.E., CORRESPONDING CIVIL ENGINEER

Now all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineer's Certificate have caused the same to be surveyed and platted into a lot or Block, a Street and a Road the same to be known as L.R. JONES THIRD ADDITION Sedgwick County, Kansas.
The street and the road one hereby dedicated to and for the use of the public, easements as indicated by the commissioning and maintenance of public utilities, one hereby granted. The water line easement as indicated on the face of the plat is dedicated to the City of Wichita.
All other rights of access to or from House #31 and 21st Street, over and across the East and South sides of Lot 1 Block 4, one hereby granted to the public provided however that Lot 1, Block 4, shall have access to House #31 of the Section and access to 21st Street of three feet or more as established by the appropriate governing body.

Edward S. Jones
EDWARD S. JONES
County of Sedgwick, } s.s.
be it remembered that on this 15 day of February, 1906, before me, a Notary Public in and for said State and County, came Edward S. Jones and Garret A. Jones his wife, to me personally known to be the same persons who executed the foregoing instrument of writing and duly acknowledged the same as their voluntary act and deed.
Edward S. Jones
Edward S. Jones
My commission expires 12-14-06. Notary Public.

This plat of L. R. JONES THIRD ADDITION Sedgwick County, Kansas has been approved by the Wichita-Sedgwick County, Metropolitan Area Planning Commission, Wichita, Kansas and is hereby transmitted to the Board of Commissioners of the City of Wichita, Kansas with the recommendation that such plat be approved as proposed. Dated this 20 day of January, 1906. The Wichita-Sedgwick County Metropolitan Area Planning Commission

James S. [Signature], Chairman
J. B. [Signature], Secretary
Approved by the Board of City Commissioners this 22 day of January, 1906
John [Signature], Mayor
Frederick [Signature], City Clerk

Approved by the Board of County Commissioners this day of January, 1906
James [Signature], Chairman
John [Signature], Commissioner
John [Signature], County Clerk

Entered on Transfer record this 21 day of January, 1906, County Clerk
We The Wichita Repertel Building and Loan Association, Wichita, Kansas mortgage on part of the above described property, do hereby consent to the plat of L.R. JONES THIRD ADDITION to Wichita, Sedgwick County, Kansas

James [Signature], Executive Vice President
John [Signature], Asst. Secretary

State of Kansas }
County of Sedgwick } s.s.
be it remembered that on this 17 day of January, 1906, before me, a Notary Public in and for said State and County, came Lewis Remor Executive Vice President and G. S. Hollinger, Assistant Secretary of the Wichita Repertel Building and Loan Association, Wichita, Kansas, to me personally known to be the same persons who executed the foregoing instrument of writing and duly acknowledged the same as their voluntary act and deed and the return of said act and deed of said Association

Wm. [Signature], Notary Public
My commission expires October 31, 1908
State of Kansas }
County of Sedgwick }
This is to certify that this instrument was filed for record in the Register of Deeds office this 8th day of July, 1906, at 4:30 o'clock P.M. and is duly recorded.

Paul S. [Signature], Register of Deeds
Paul S. [Signature], Deputy

July 7-267
JUL 11 1906
V2: B. 114 F. 16 20152 3