

STORM SEWER PLANS FOR TEAL COVE S.W.S. NO. 293 PROJECT NO. 468-76-245-81474-000-000-001

CITY OF WICHITA, KANSAS
MICHAEL E. LINDEBAK, CITY ENGINEER
JANUARY, 1986

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR SHALL 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 OR A LICENSED PROFESSIONAL ENGINEER IN ACCORDANCE WITH STATE LAWS.
2. CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.
3. EXISTING 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 PLAN LOCATIONS SHOWN ARE NOT GUARANTEED. ADDITIONAL EXISTING UTILITIES MAY ALSO BE ENCOUNTERED.

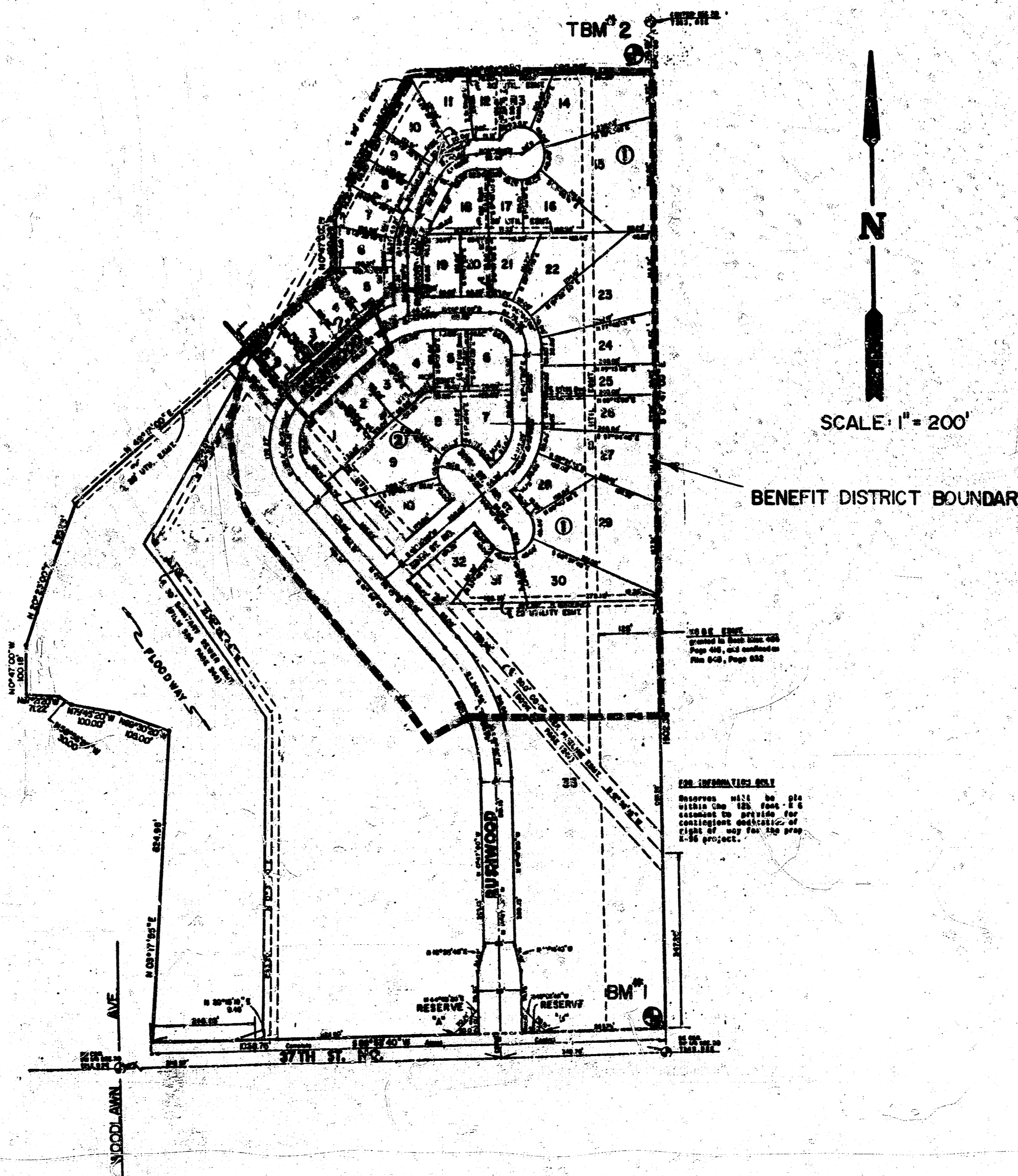
NOTE: NOTIFY THE FOLLOWING COMPANIES PRIOR TO ANY EXCAVATION:

ARKL GAS COMPANY	942-8350
BELL TELEPHONE COMPANY	268-2256
CABLEVISION	269-3340
KPB L COMPANY	263-7511
KANSAS GAS & ELECTRIC	261-6375
KANSAS ONE-CALL	1-800-344-7233

INDEX TO DRAWINGS

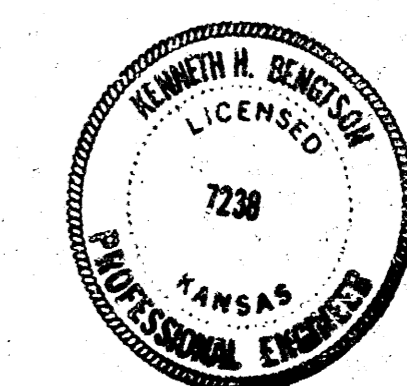
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1
3	LINE 2
4-5	DETAILS
6	FINAL PLAT

*AS BUILT PLANS
5/20/86
GREENE*



BENCH MARKS

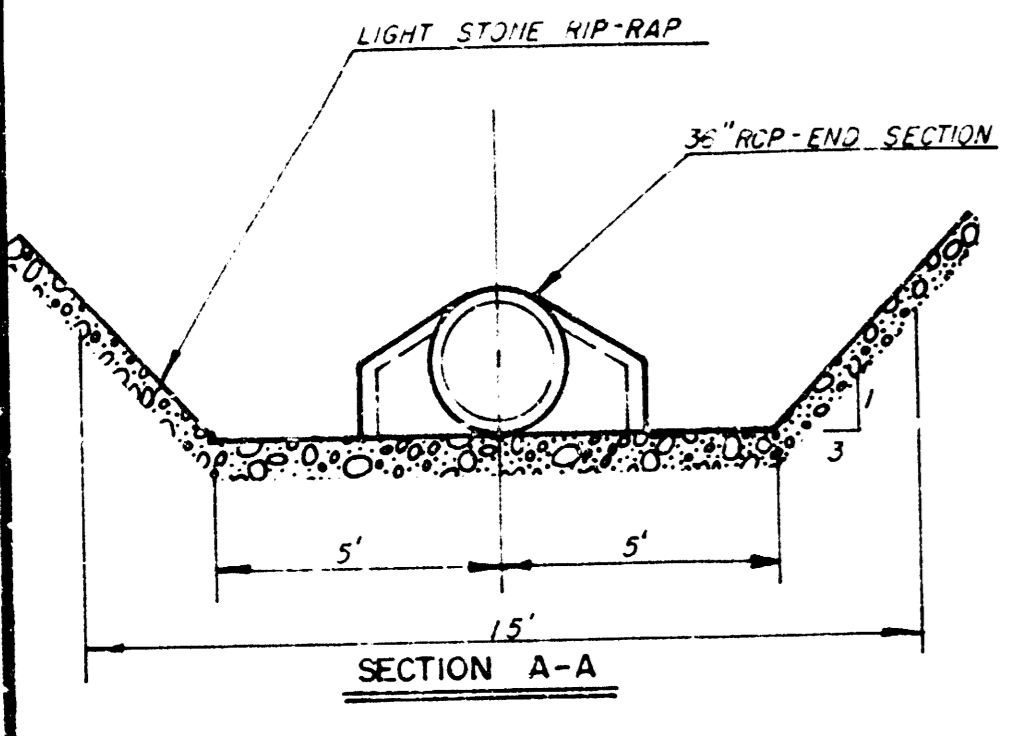
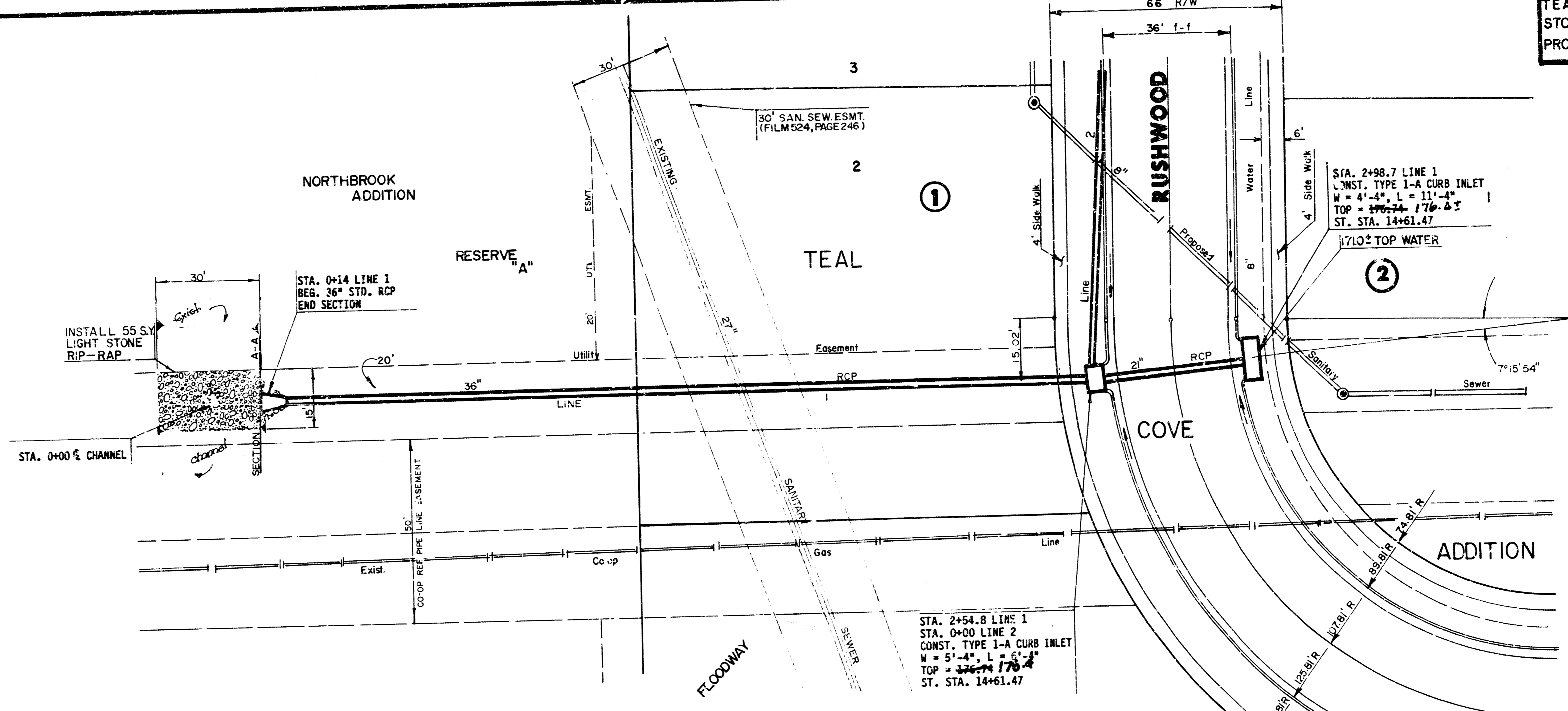
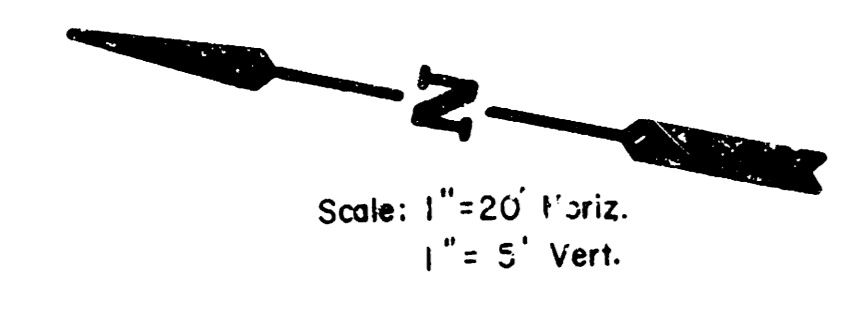
- BM #1 CITY STD. 30' NORTH AND 34' WEST OF QUARTER SECTION CORNER AT 37TH & GOVERNOUR
ELEV. = 186.84
- TBM #2 RAILROAD SPIKE IN WEST FACE OF WEST LEG OF "H" POLE AT THE NORTHEAST CORNER OF TEAL COVE.
ELEV. = 179.24



MEC	TEAL COVE STORM WATER SEWER PLAN	Design A.S.
		Drawn by D.B.
		Checked by K.H.B.
		Date
		Sheet no.
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING 1300 WICHITA, KANSAS 67226		Sheet: 1 of 6
		682-6561

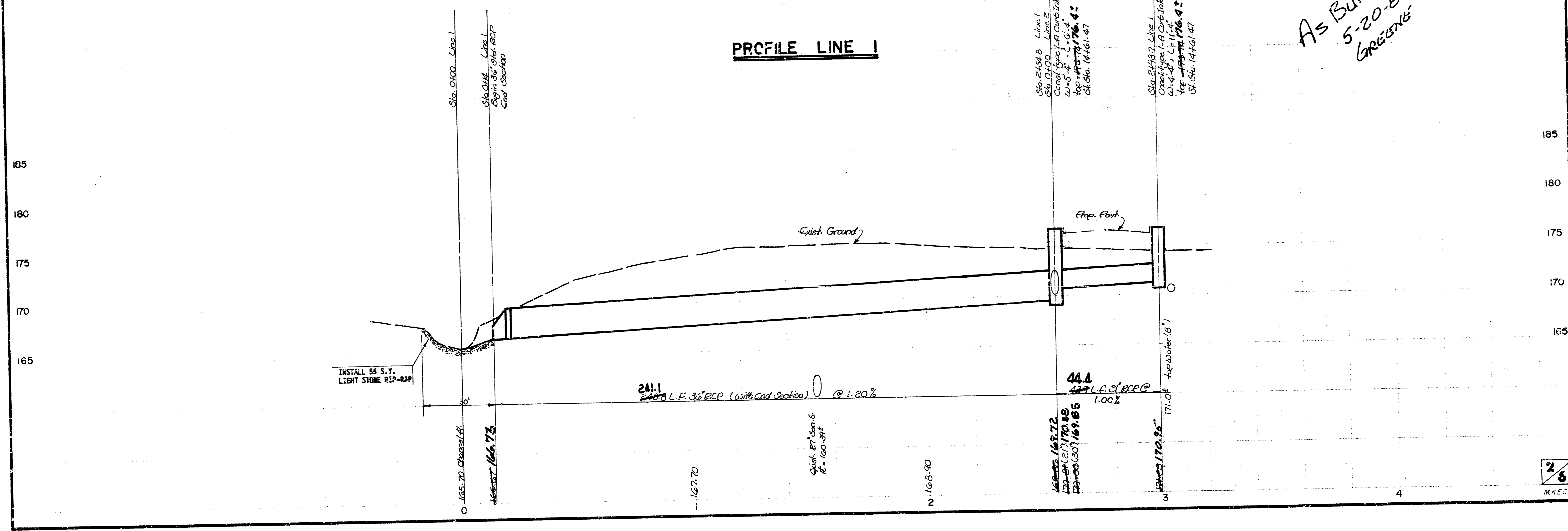
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TEAL COVE
 STORM WATER SEWER NO. 293
 PROJ. NO. 468.76.245.81474 .000.000001



PLAN LINE 1

PROFILE LINE 1

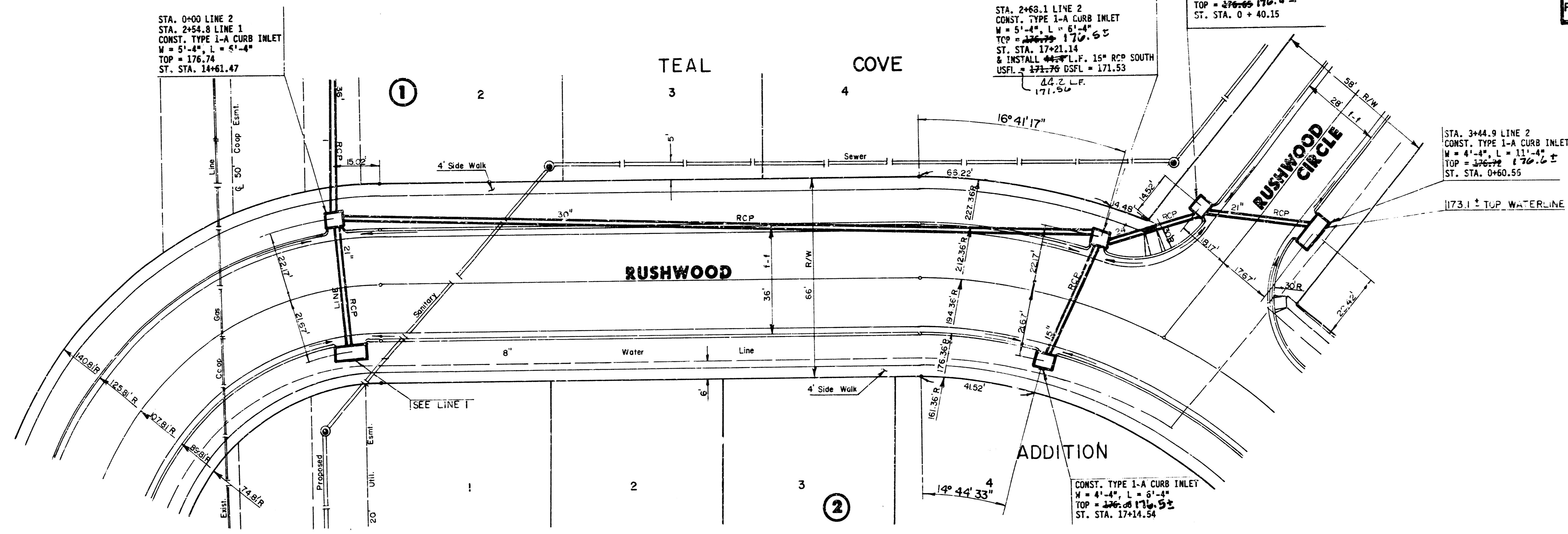


*AS BUILT PLAN
 5-20-86
 GREENE*

2/6
 MKEC

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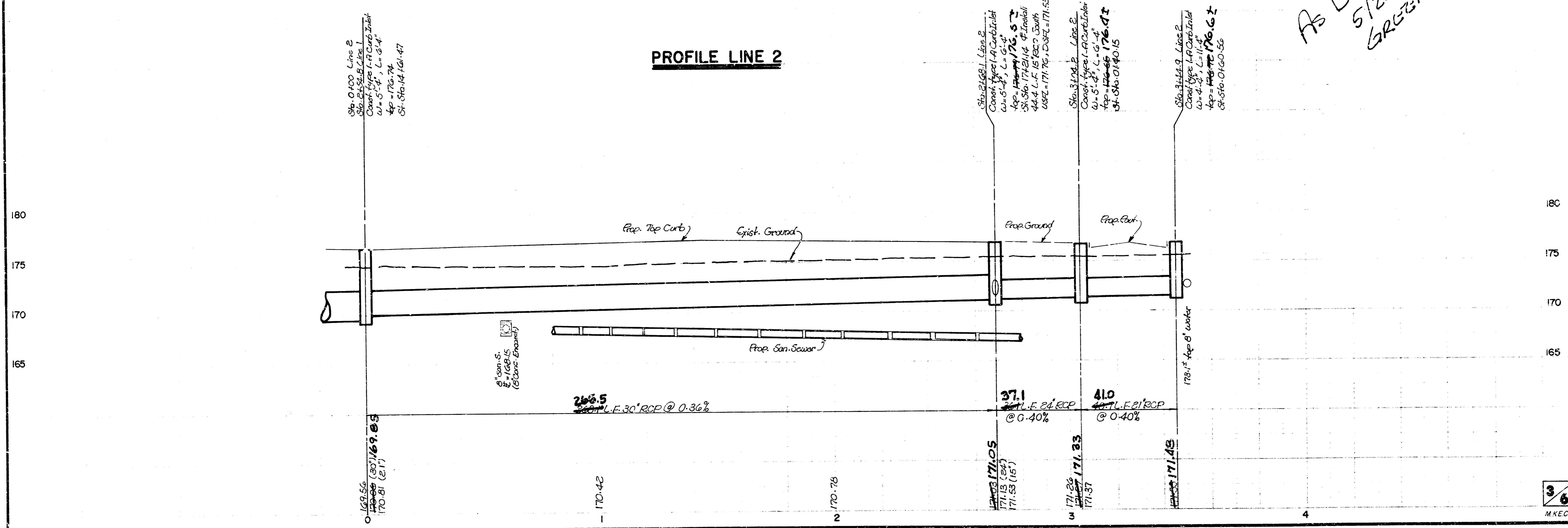
TEAL COVE
 STORM WATER SEWER NO. 293
 PROJ. NO. 468.76.245.81474 .000.000001



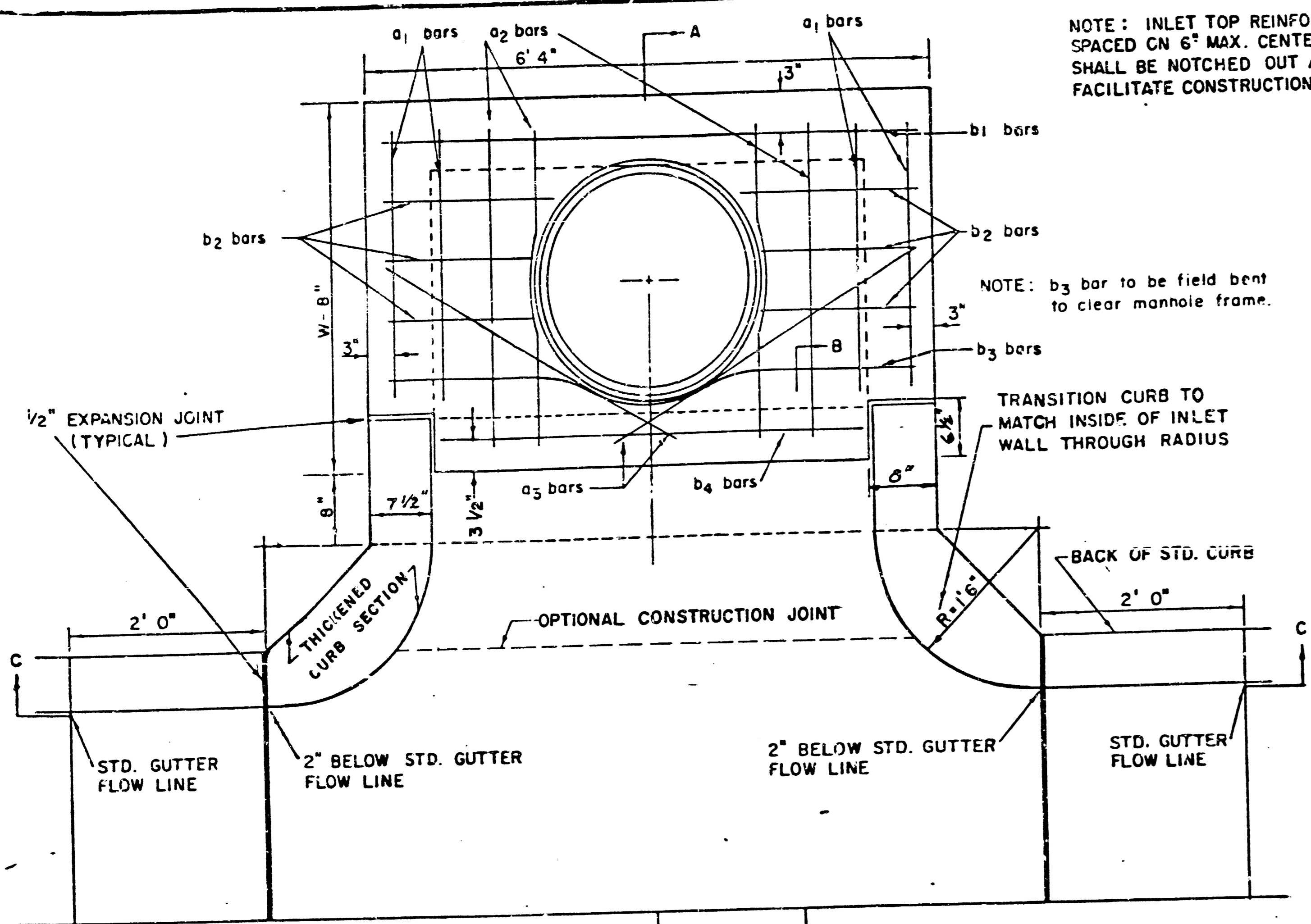
PLAN LINE 2

PROFILE LINE 2

*As BUILT PLAN
 5/20/86
 GREENE-*



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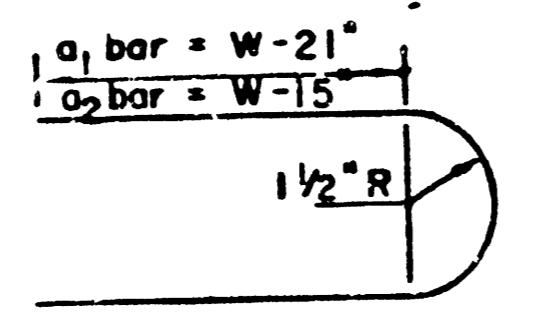
NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

NOTE: b3 bar to be field bent to clear manhole frame.

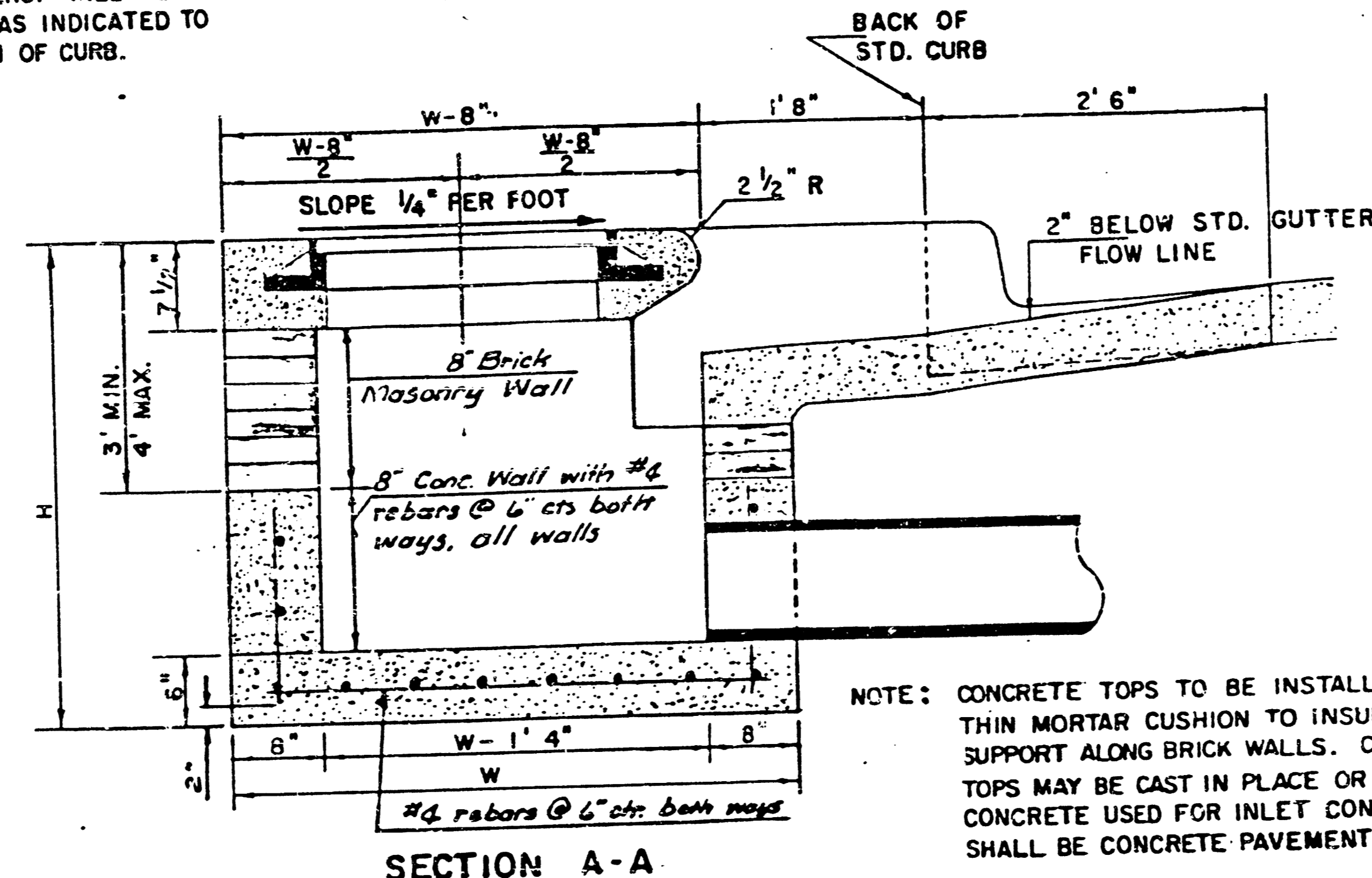
TRANSITION CURB TO MATCH INSIDE OF INLET WALL THROUGH RADIUS

NOTE: EXPANSION JOINT ONLY IN CURB AREA WITH CONC. PAVEMENT.

PLAN



BENDING DIAGM



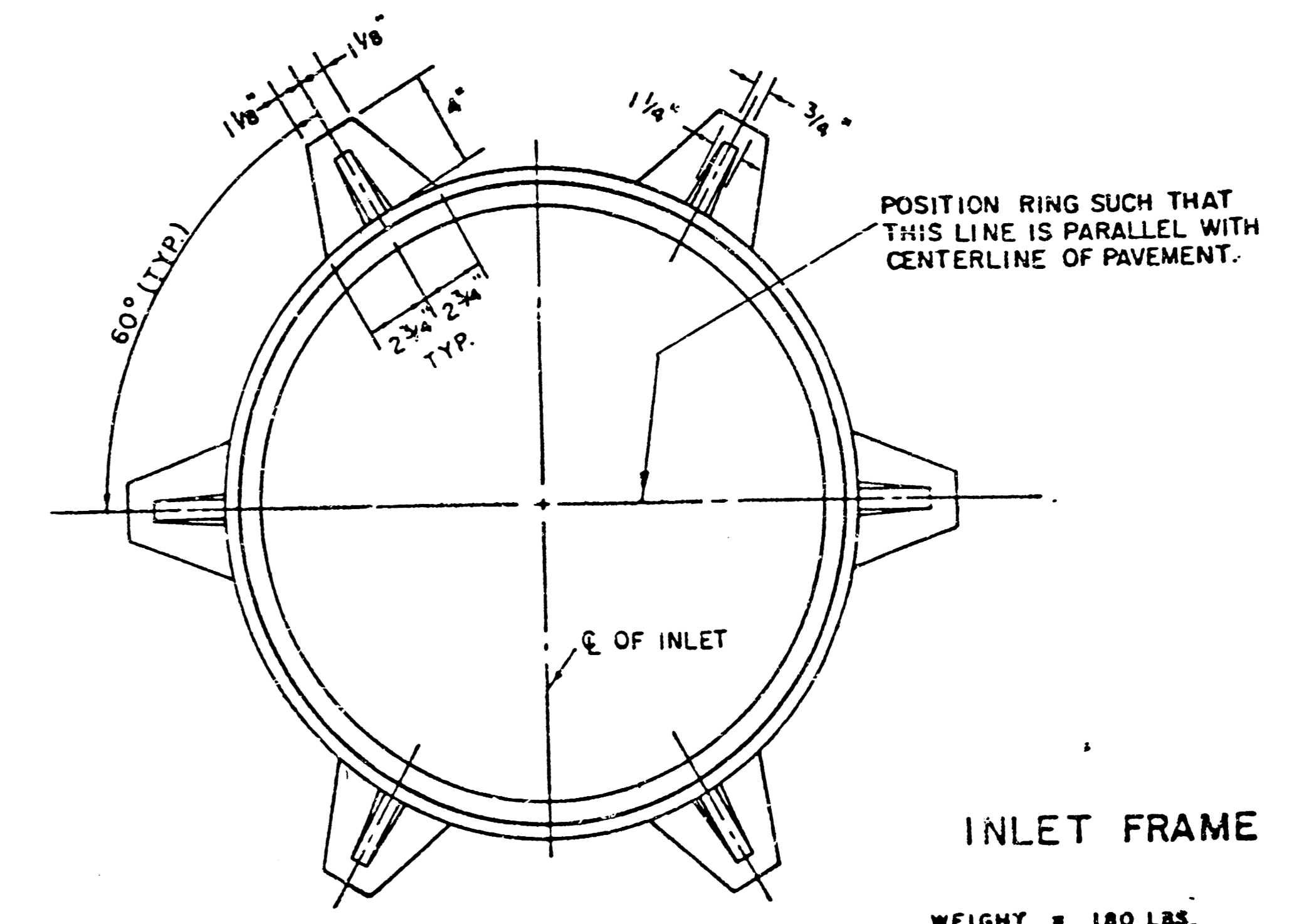
NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX.

SECTION A-A

NOTE: 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.

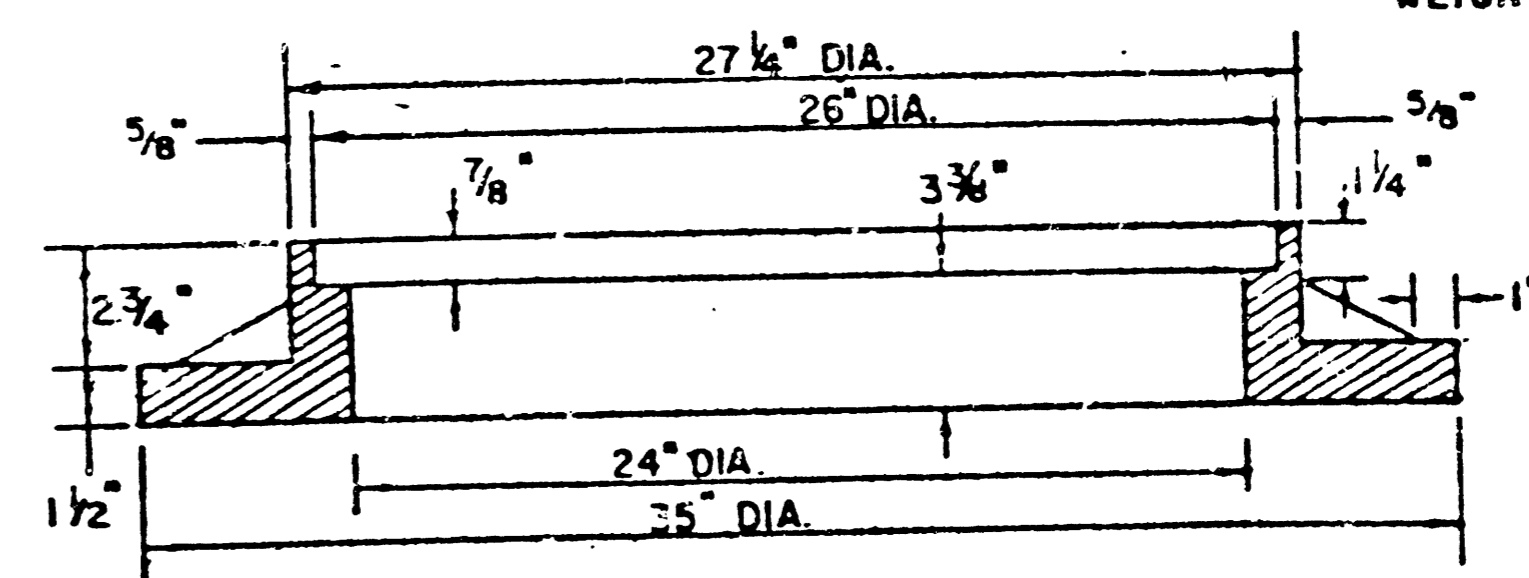
ADDITIONAL CURB AND GUTTER CONSTRUCTION NECESSARY TO CONNECT SET-BACK INLET TO PAVEMENT WILL BE PAID FOR AT THE UNIT PRICE BID FOR EACH INLET HOOKUP.

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 END OF ALL PIPES INSTALLED IN THE INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.



INLET FRAME

WEIGHT = 180 LBS.



SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.

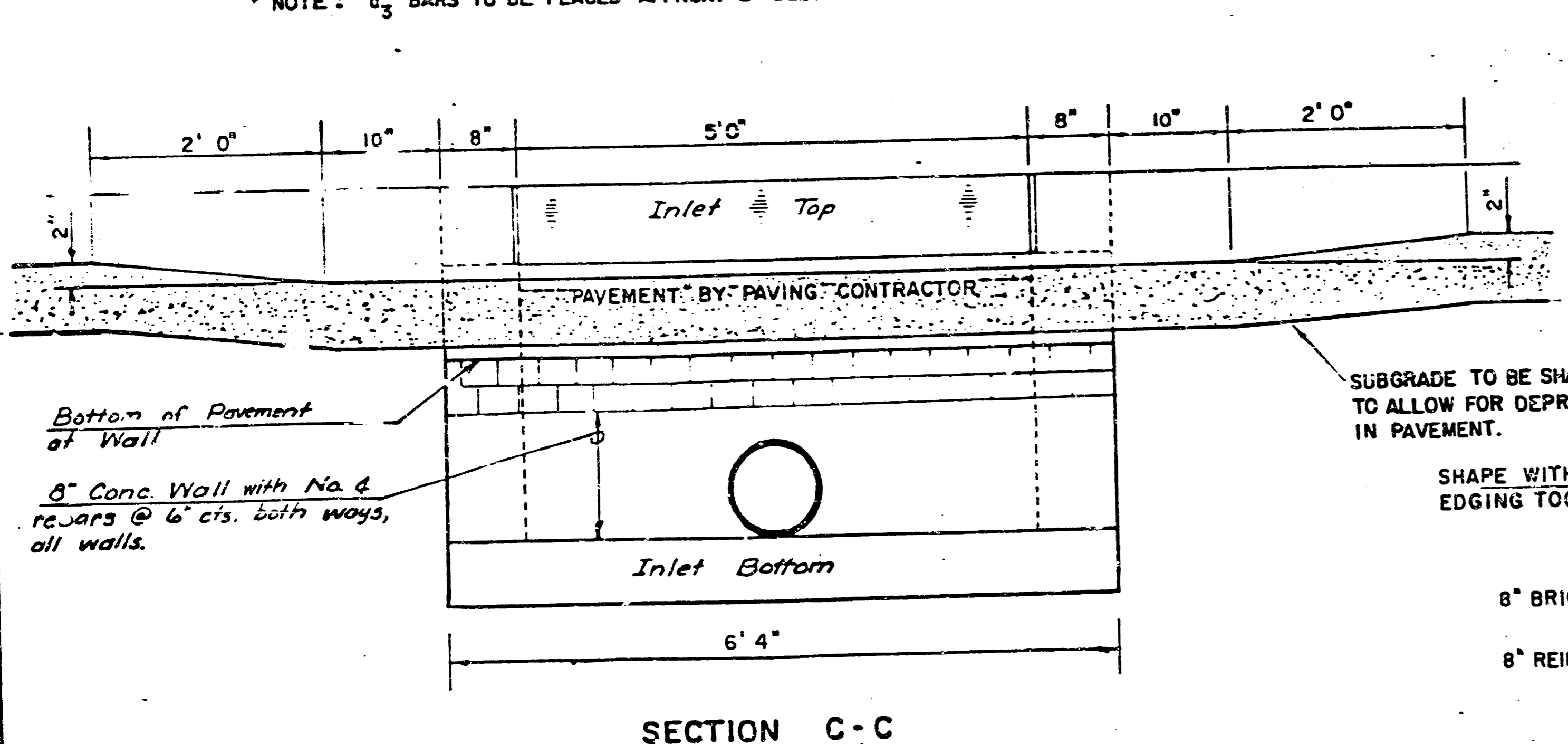
STEEL SCHEDULE

BAR NUMBER	a1	a2	a3	b1				b2	b3	b4	WT. LBS.
SIZE	"4	"4	"4	"4	"4	"4	"4	"4	"4	"6	
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±

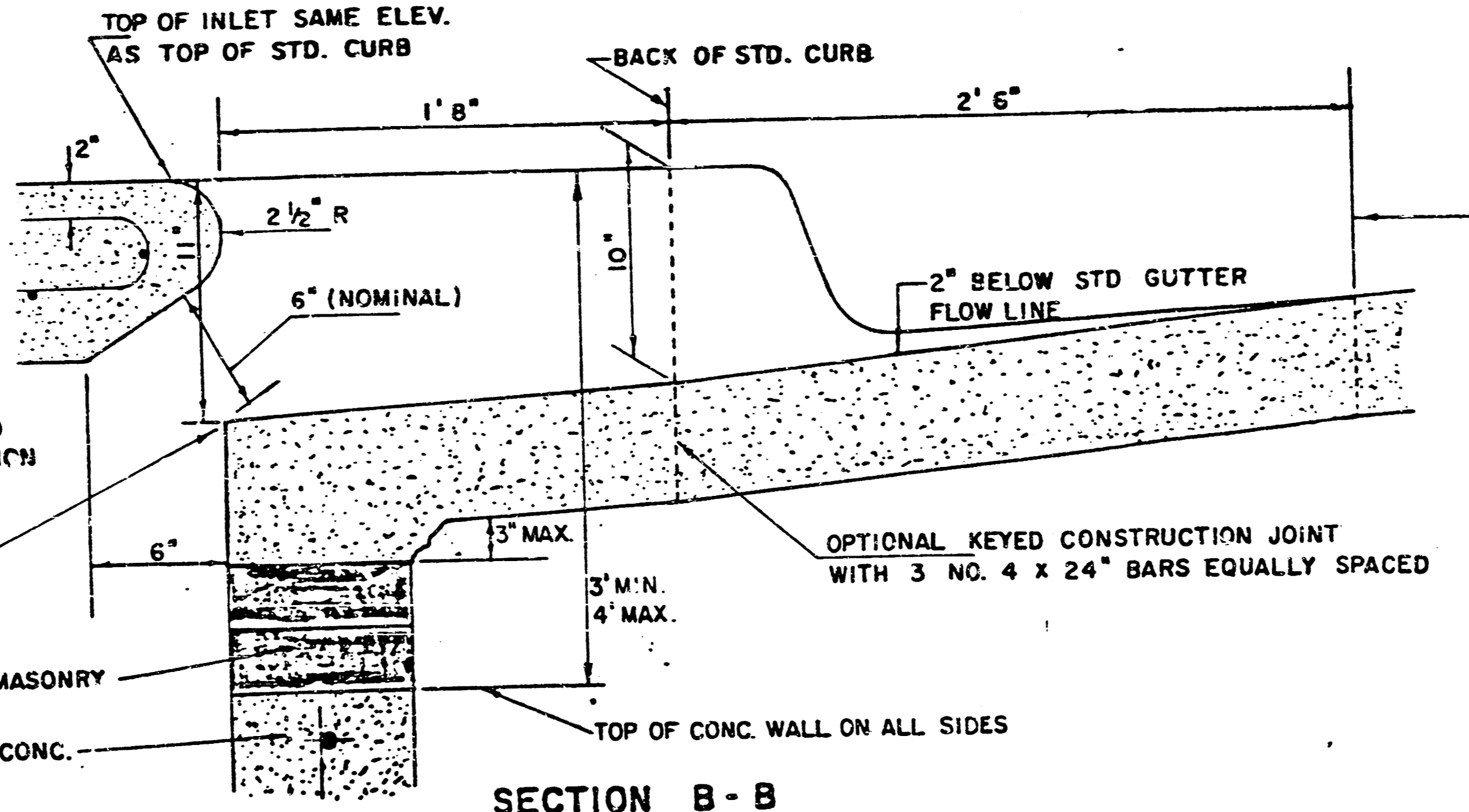
* NOTE: a3 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 4"	3'8" x 6'4" x 7 1/2"	21" & SMALLER	0.39±
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±



SECTION C-C



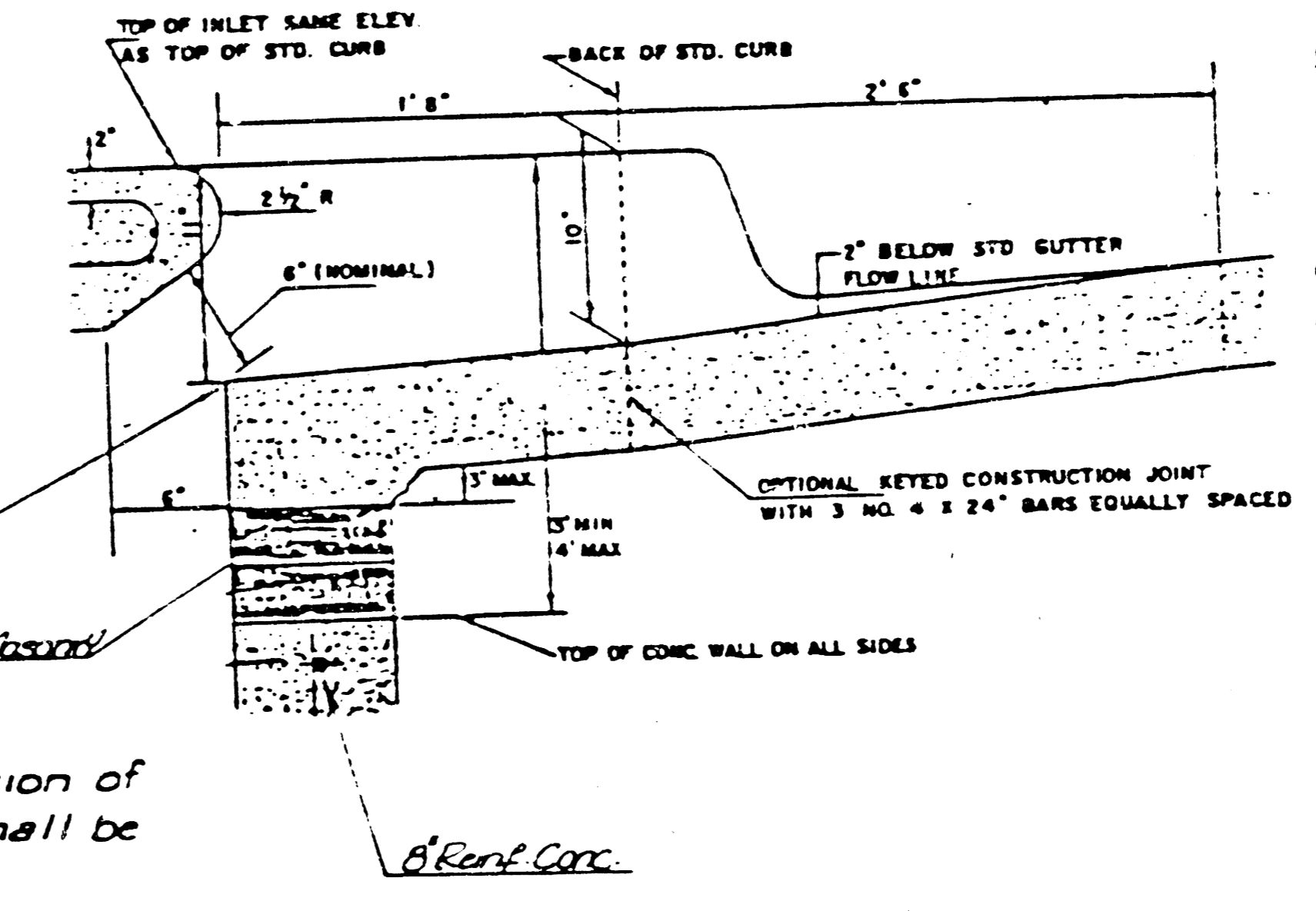
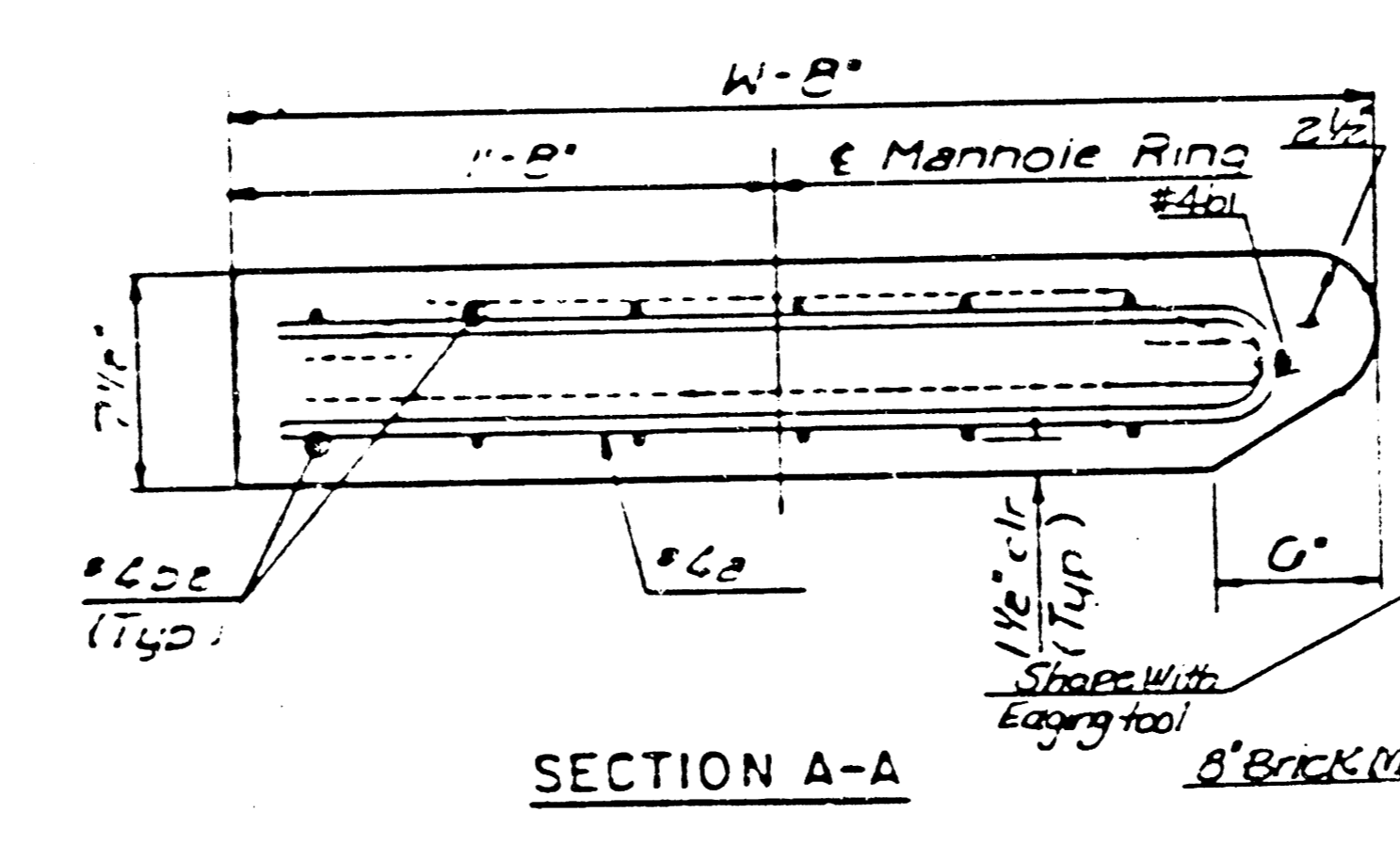
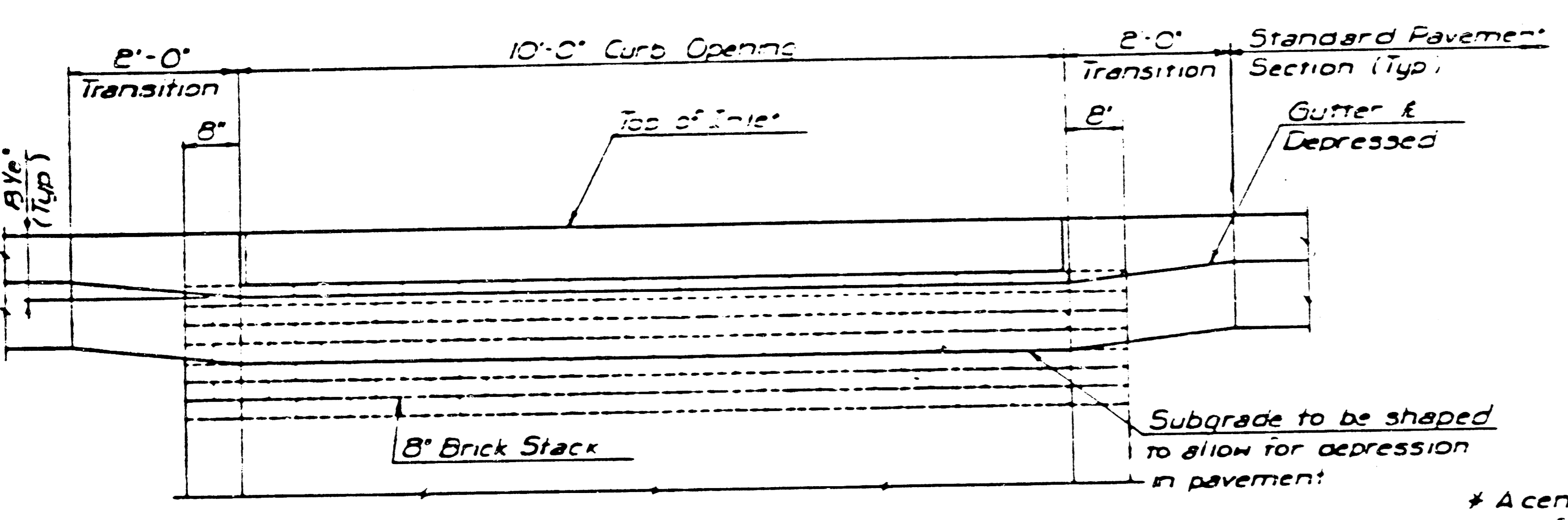
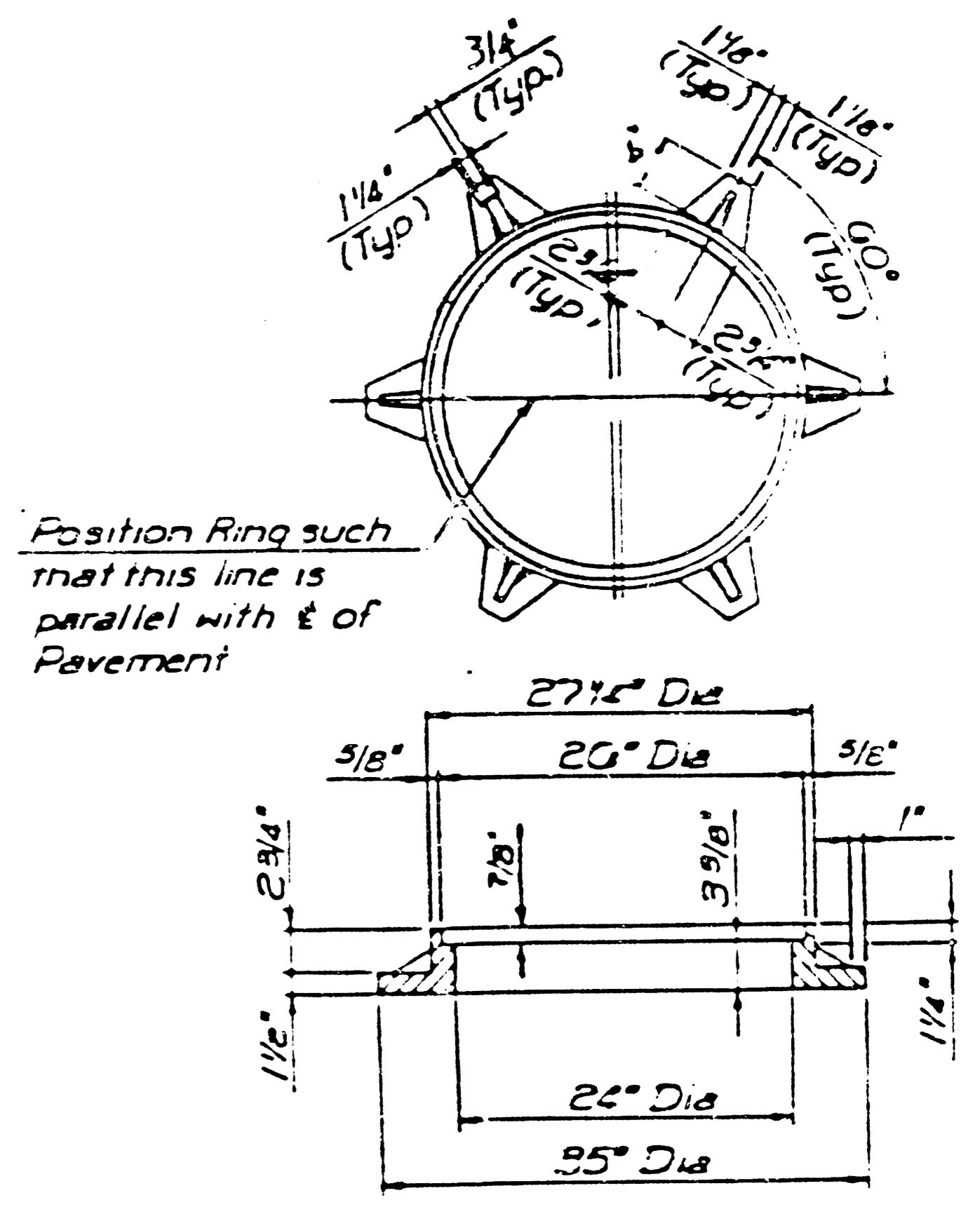
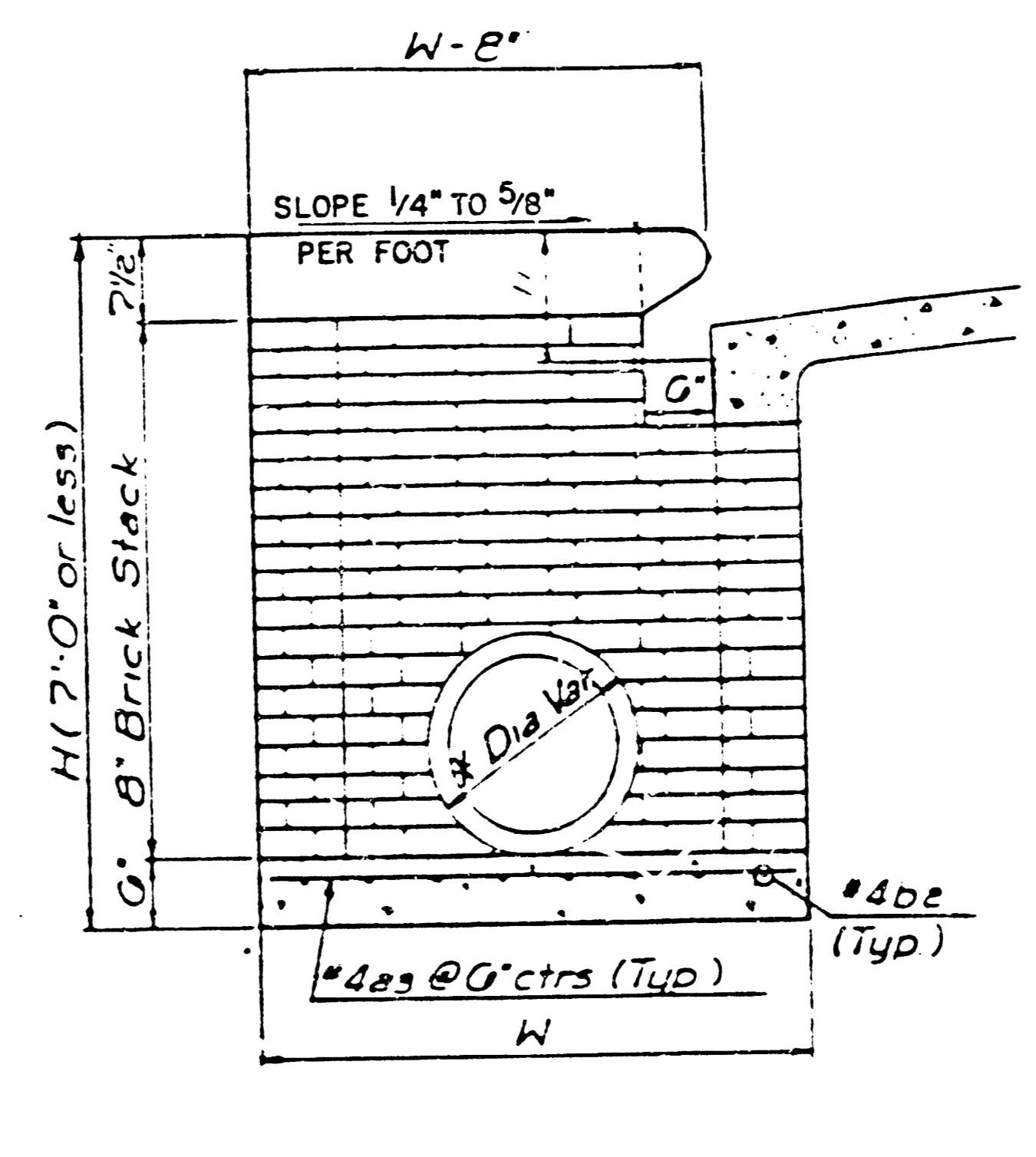
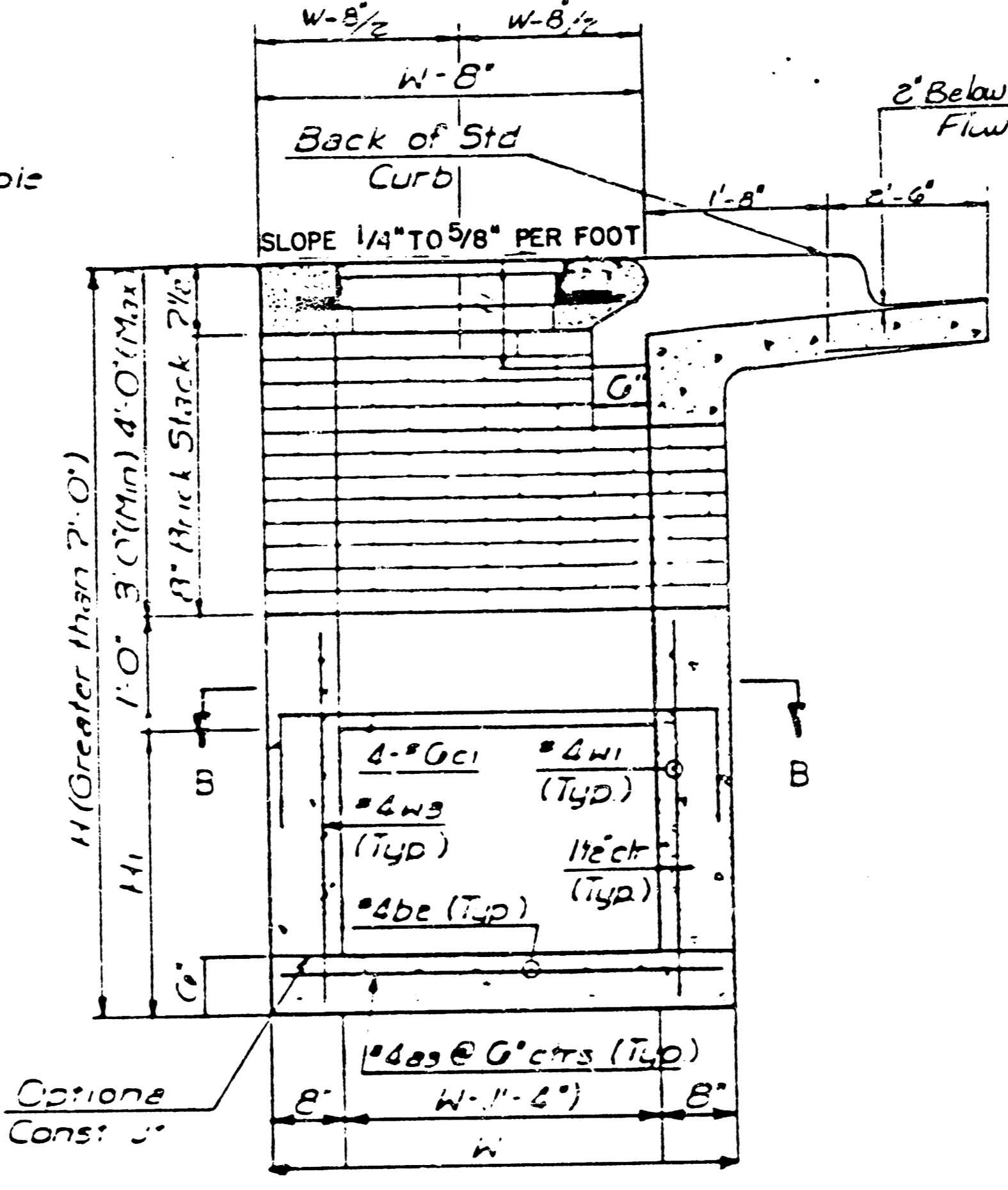
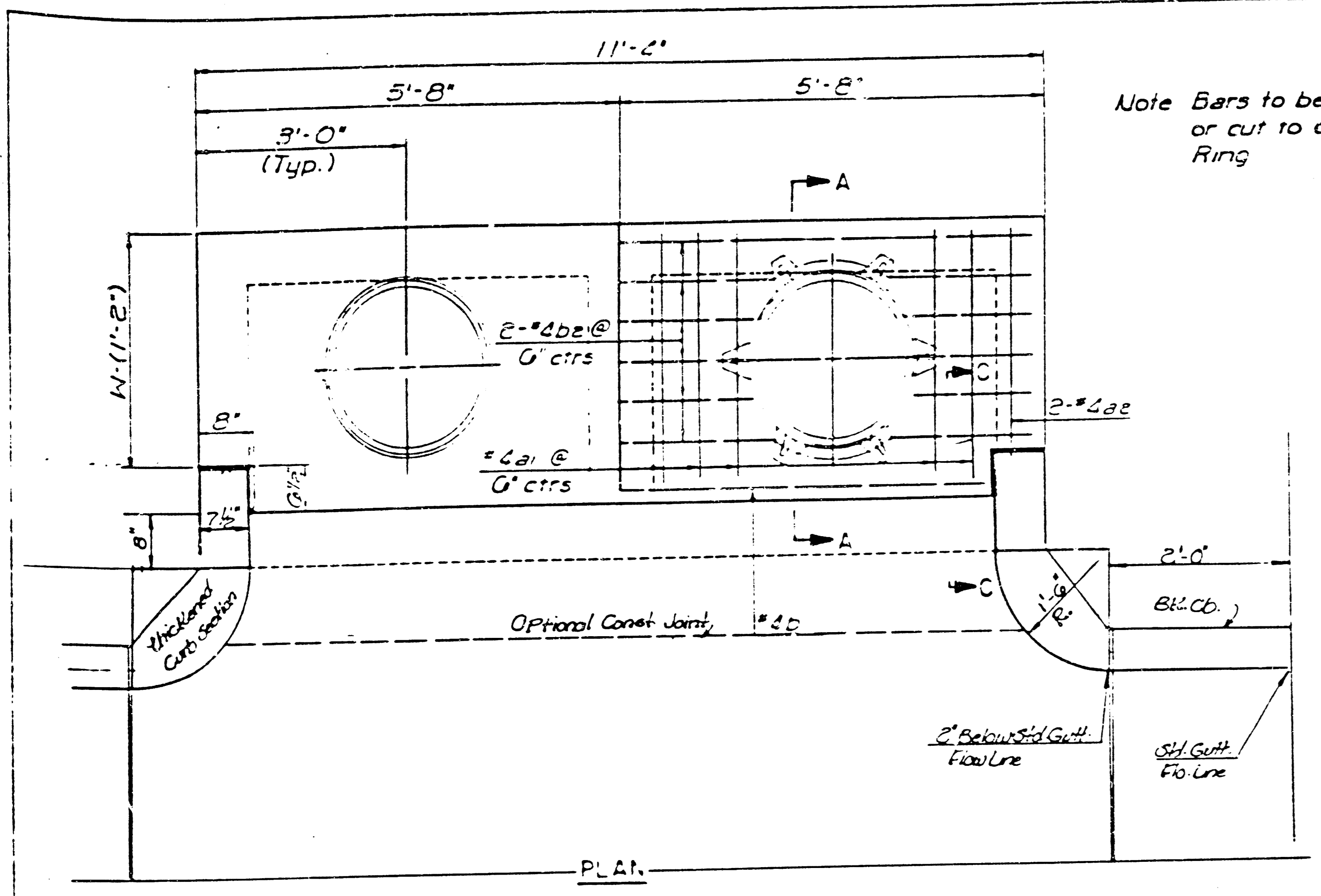
SECTION B-B

LIMITS OF GUTTER SHAPING AND/OR EDGE OF COMB. CURB AND GUTTER

DETAIL STANDARD TYPE IA CURB INLET
CITY OF WICHITA, KANSAS
INLET OPENING = 6" x 5' 0"

JUNE 1984

4/6



SEE CITY OF WICHITA STANDARD MANHOLE FRAME AND COVER DETAIL SHEET FOR COVER DETAILS TO BE USED WITH INLET FRAME.

GENERAL NOTES
 Concrete shall be CON Standard Paving Mix All exposed edges shall be finished with an edging tool.
 Reinforcing Bars shall be field bent or cut to clear pipes.
 All bars are #4 bars at G-spacing and shall have a minimum clearance of 1/2" unless otherwise noted.
 Floors of inter shall be shaped with 8 Sack Sand Mix Concrete to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outfall pipe(s).
 The Contractor shall have the option of constructing 8" Brick Masonry Walls between the concrete inlet base and top on this inlet when H=7'-0" or less and W=6'-4" or less.

* A center wall opening shall be provided by means of a section of reinforced concrete pipe. The minimum diameter used shall be that of the outlet pipe.

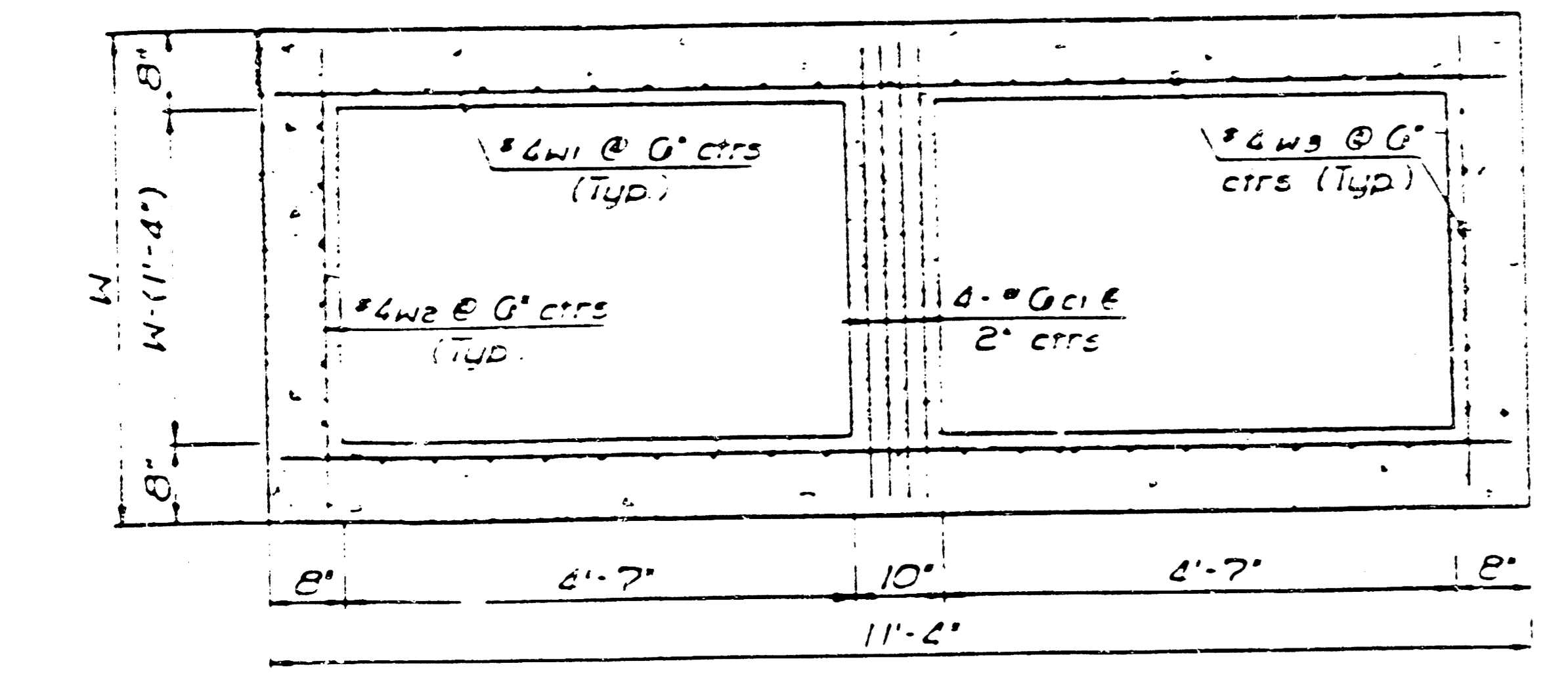
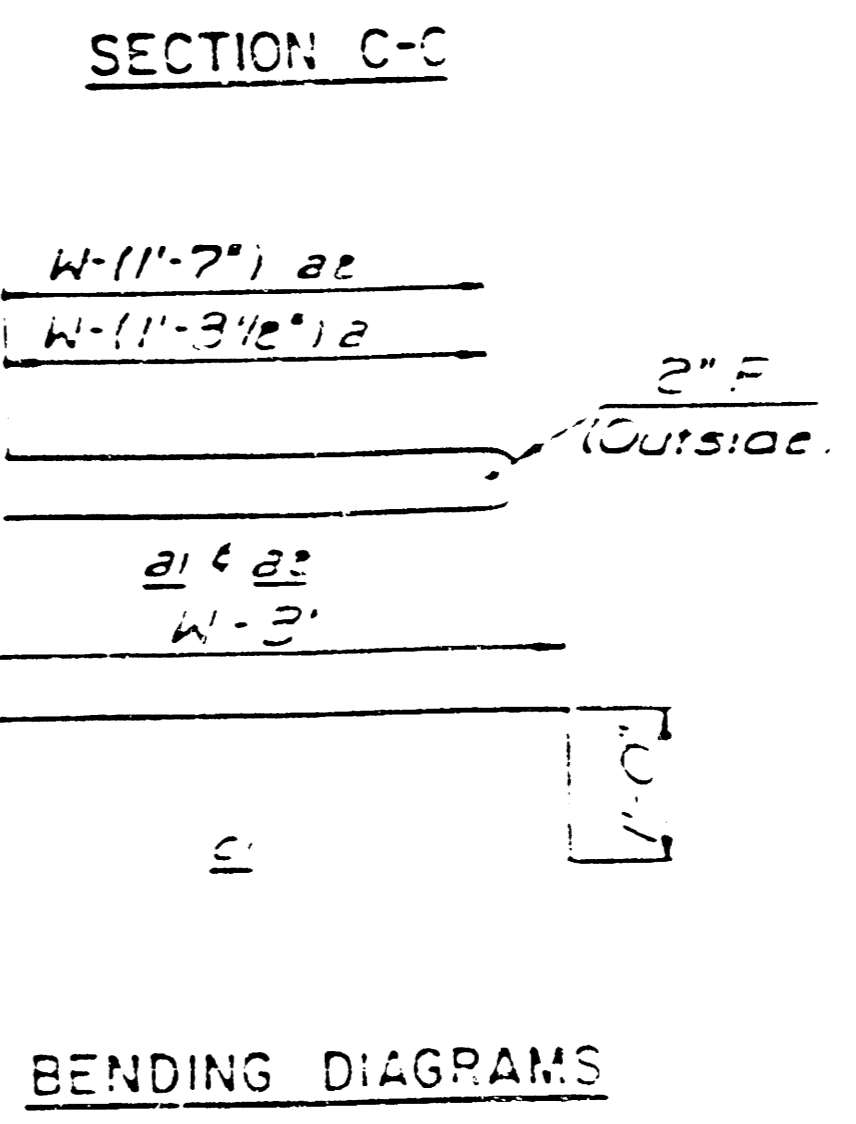
Note Concrete top to be installed on thin mortar cushion to insure full support along walls.

SLAB AND FLOOR REINFORCING											
		W=6'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
Mark	Size	No	Length	No	Length	No	Length	No	Length	No	Length
a1	#4	13	6'-7 1/2"	13	8'-7 1/2"	13	10'-7 1/2"	13	12'-7 1/2"	13	14'-7 1/2"
a2	#4	2	6'-0"	2	8'-0"	2	10'-0"	2	12'-0"	2	14'-0"
a3	#4	20	4'-11"	20	5'-11"	20	6'-11"	20	7'-11"	20	8'-11"
c1	#4	1	0'-8"	1	0'-8"	1	0'-8"	1	0'-8"	1	0'-8"
b2	#4	18	11'-1"	24	11'-1"	30	11'-1"	36	11'-1"	42	11'-1"

WALL REINFORCING											
		W=6'-4"		W=5'-4"		W=6'-4"		W=7'-4"		W=8'-4"	
Mark	Size	No	Length	No	Length	No	Length	No	Length	No	Length
c1	#4	2	0'-11"	2	7'-11"	2	8'-11"	2	9'-11"	2	10'-11"
w1	#4	1	11'-11"	1	11'-11"	1	11'-11"	1	11'-11"	1	11'-11"
w2	#4	1	4'-11"	1	5'-11"	1	6'-11"	1	7'-11"	1	8'-11"
w3	#4	2	5'-11"	2	5'-11"	2	5'-11"	2	5'-11"	2	5'-11"

* Field bend or cut Reinforcing as required for clearance.

1/4 (H1-0") 2/40 x 4 (W-1) 3 (H1-10")



SECTION B-B

DETAIL STANDARD TYPE IA CURB INLET
 INLET OPENING = 6" x 10'-0"
 CITY OF WICHITA
 M. E. LINDEBAK, CITY ENGINEER 5/6
 OCTOBER 1984

FINAL PLAT OF
TEAL COVE
 AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

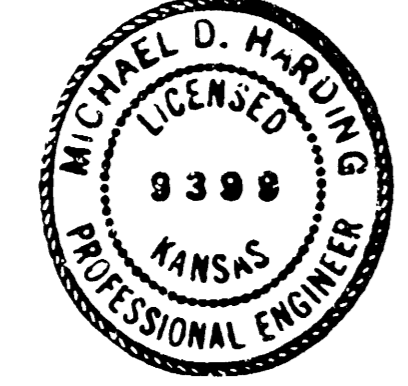
I, Michael D. Harding, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "TEAL COVE", an addition to Wichita, Sedgwick County, Kansas, into Lots, Blocks, Streets, Reserves and a Floodway. The same being accurately set forth in the accompanying plat and described herein:

A tract of land lying within the southwest quarter of Section 30, Township 26 South, Range 2 east of the 6th Principal Meridian, more particularly described as follows:

Beginning at the intersection of the east line of said southwest quarter and the north line of said southwest quarter section; 50.00 feet north of the south line of said southwest quarter section; thence westerly along said north line bearing S 89° 53' 40" W, thence N 03° 17' 55" E, 624.98 feet; thence N 69° 30' 20" W, 105.00 feet; thence N 79° 45' 20" W, 100.00 feet; thence N 58° 56' 20" W, 300.00 feet; thence N 87° 21' 20" W, 71.22 feet to the southeast corner of reserve "B", "Northbrook", an addition to Wichita, Sedgwick County, Kansas; thence northerly along the east line of said addition bearing N 00° 47' 00" W, 100.15 feet; thence N 20° 23' 00" E, 295.23 feet; thence N 45° 13' 00" E, 715.00 feet; thence N 00° 47' 00" W, 100.00 feet; thence N 29° 13' 00" E, 315.00 feet; thence N 89° 13' 00" E, 505.00 feet to a point on the east line of said southwest quarter section; thence southerly along said east line bearing S 00° 47' 00" E, 1902.58 feet to the point of beginning containing 43.00 acres more or less.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 17th day of May, 1985.

Michael D. Harding
 Michael D. Harding
 Mid-Kansas Engineering Consultants, P.A.
 3500 N. Rock Road, Bldg. 800
 Wichita, KS 67226



Robert A. Lakin, Secretary
 Robert A. Lakin

William J. Gabel, Vice Chairman
 William J. Gabel

Ed Brown, Mayor
 Ed Brown

Donald C. Biscoe, City Clerk
 Donald C. Biscoe

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineers Certificate, have caused the same to be surveyed and platted into lots, blocks, streets, reserves and a floodway, the same to be known as "TEAL COVE" an addition to Wichita, Sedgwick County, Kansas. Reserves "A" and "B" are being platted for construction and maintenance of public utilities, landscaping, irrigation, walls, entry signs, entrance structures, and drainage. The floodway shall be the responsibility of the owners of Lot 1, Block 1 until such time as the governing body exercising jurisdiction elects to assume the responsibility for maintenance and improvement of the drainage, provided further that no building shall be constructed on or within said floodway, nor shall any fill, change of grade, creation of channel or other work be carried on without the permission from the City Engineers office. Minimum pad elevation on Lots 1 thru 14 inclusive, of Block 1 shall be as indicated on the face of the plat. Reserves "A" and "B" shall be owned and maintained by the owners of Lot 1, Block 1, and Lot 33, south line of "TEAL COVE", is hereby granted to the City of Wichita, Metropolitan Area Planning Department office. The dedication along the east line of the plat is contingent on the need for additional street right-of-way for the Northeast Circumferential project.

Mary Lynn Oliver
 Mary Lynn Oliver

William L. Oliver Jr.
 William L. Oliver Jr.

STATE OF KANSAS SS:
 COUNTY OF SEDGWICK

Be it remembered that on this 7th day of May, 1985, before me, a Notary Public in and for said State and County, came William L. Oliver Jr. and Mary Lynn Oliver to me personally known to be the same persons who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

John Wallace, Notary Public

My Appointment Expires: _____

STATE OF KANSAS SS:
 COUNTY OF SEDGWICK

Be it remembered that on this 7th day of May, 1985, before me, a Notary Public in and for said State and County, came Max L. Herzet, Senior Vice-president, on behalf of Mid-Kansas Federal Savings and Loan Association, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

Debra Norris, Notary Public

My Appointment Expires: 4-14-87

This plat of "Teal Cove" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission, Wichita, Kansas.

Dated this 15th day of November, 1984.

Wichita-Sedgwick County Metropolitan Area Planning Commission

William J. Gabel, Vice Chairman
 William J. Gabel

Robert A. Lakin, Secretary
 Robert A. Lakin

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 25th day of MAY, 1985.

Ed Brown, Mayor
 Ed Brown

Donald C. Biscoe, City Clerk
 Donald C. Biscoe

Entered on transfer record this 11 day of June, 1985.

Don Wright, County Clerk
 Don Wright

STATE OF KANSAS SS:
 COUNTY OF SEDGWICK

This is to certify that this instrument was filed for record in the Register of Deeds Office at 4:30 PM, ON THE 12TH DAY of JUNE, 1985.

Pat Kettler, Register of Deeds
 Pat Kettler

Ed Mesa, Deputy
 Ed Mesa

We, the Mid-Kansas Federal Savings and Loan Association, Wichita, Kansas, mortgagees on the above described property do hereby consent to the plat of "TEAL COVE".

Mid-Kansas Federal Savings and Loan Association
 By: Max L. Herzet, Senior Vice-president
 Max L. Herzet

STATE OF KANSAS SS:
 COUNTY OF SEDGWICK

Be it remembered that on this 7th day of May, 1985, before me, a Notary Public in and for said State and County, came Max L. Herzet, Senior Vice-president, on behalf of Mid-Kansas Federal Savings and Loan Association, to me personally known to be the same person who executed the foregoing instrument of writing and duly acknowledged the execution of the same. In testimony whereof I have hereunto set my hand and affixed my notarial seal the day and year above written.

My Appointment Expires: _____

