

# STORM SEWER PLANS FOR PAWNEE MESA THIRD ADDITION

## S.W.S. NO. 409 PROJECT NO. 468-82072

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

### INDEX NO. 750166

#### GENERAL NOTES

1. UNLESS SHOWN OR STATED OTHERWISE ON THESE DRAWINGS, MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF WICHITA SPECIFICATIONS.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PRESERVING PROPERTY IRONS. THE CONTRACTOR WILL BE REQUIRED TO REESTABLISH ANY PROPERTY IRONS WHICH ARE DAMAGED OR DESTROYED BY HIS CONSTRUCTION OPERATIONS. SUCH IRONS SHALL BE REESTABLISHED BY A LICENSED LAND SURVEYOR IN ACCORDANCE WITH STATE LAWS.
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.
4. CONTRACTOR WILL BE REQUIRED TO PROVIDE A MINIMUM ADVANCE NOTICE OF FORTY-EIGHT (48) HOURS TO UTILITY COMPANIES PRIOR TO STARTING ANY EXCAVATION AS FOLLOWS:  

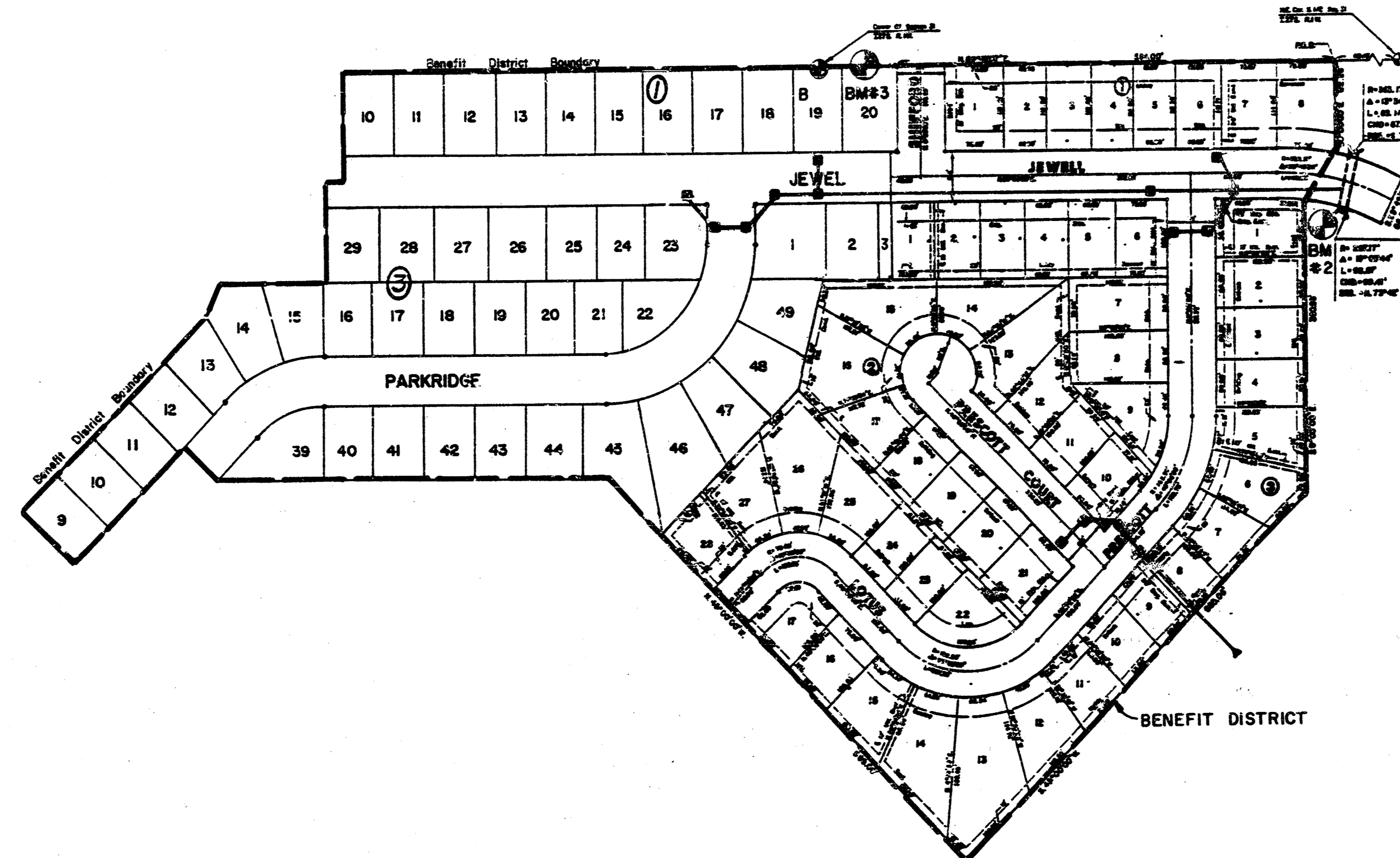
KANSAS ONE-CALL	1-800-344-7233
	OR 687-2470 (LOCAL WICHITA)

THE CONTRACTOR MUST NOTIFY THE FOLLOWING IN CASE OF AN EMERGENCY:

SOUTHWESTERN BELL TELEPHONE COMPANY	1-571-2115
CABLEVISION	262-4270 OR 263-2061
KPL GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	264-1141
CITY OF WICHITA WATER DEPARTMENT	268-4908
CITY OF WICHITA SEWER MAINTENANCE	268-4071
ARKLA GAS COMPANY	942-8350 OR 263-8161
5. HURDLES 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.
6. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS. INLET DEPRESSIONS NEED TO BE TIED TO CURB, GUTTER, AND PAVING.

#### BENCH MARKS

1. City Disk in north end of West Headwall of RCB under Lark on south 1/2 E  
Elevation = 139.25
2. " " Cut on southwest corner of south Headwall of RCB under Jewell between Prescott & Fieldcrest  
Elevation = 140.29
3. Railroad spike in south face of 24" hedge 54' E of the center of Section 31  
Elevation = 146.03

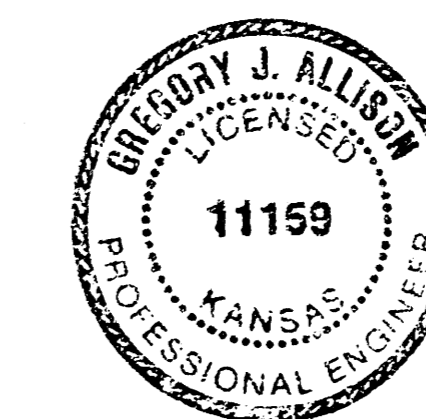


BM #1



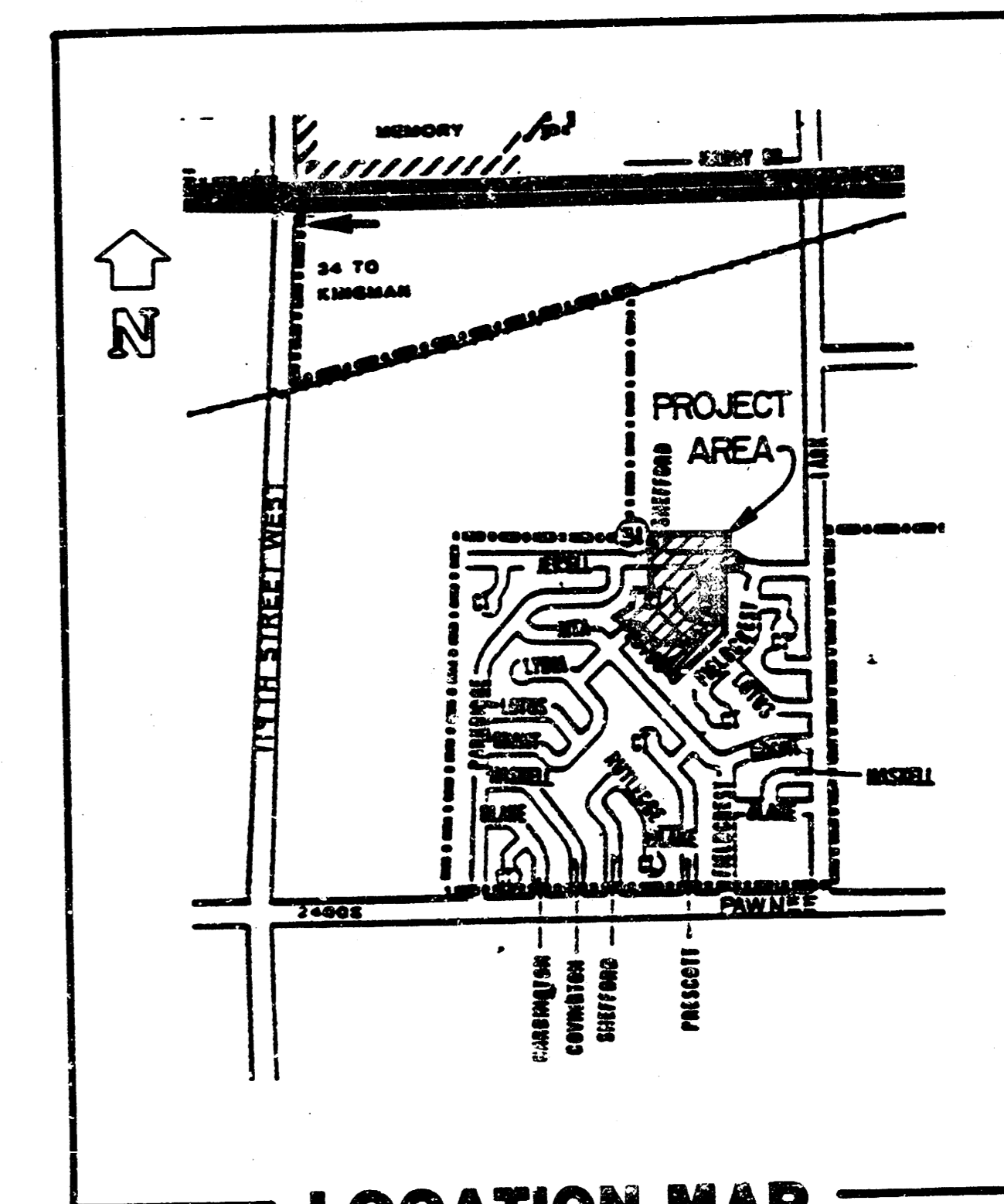
SCALE: 1" = 150'

*Booked  
5-15-91  
McG*



#### INDEX TO DRAWINGS

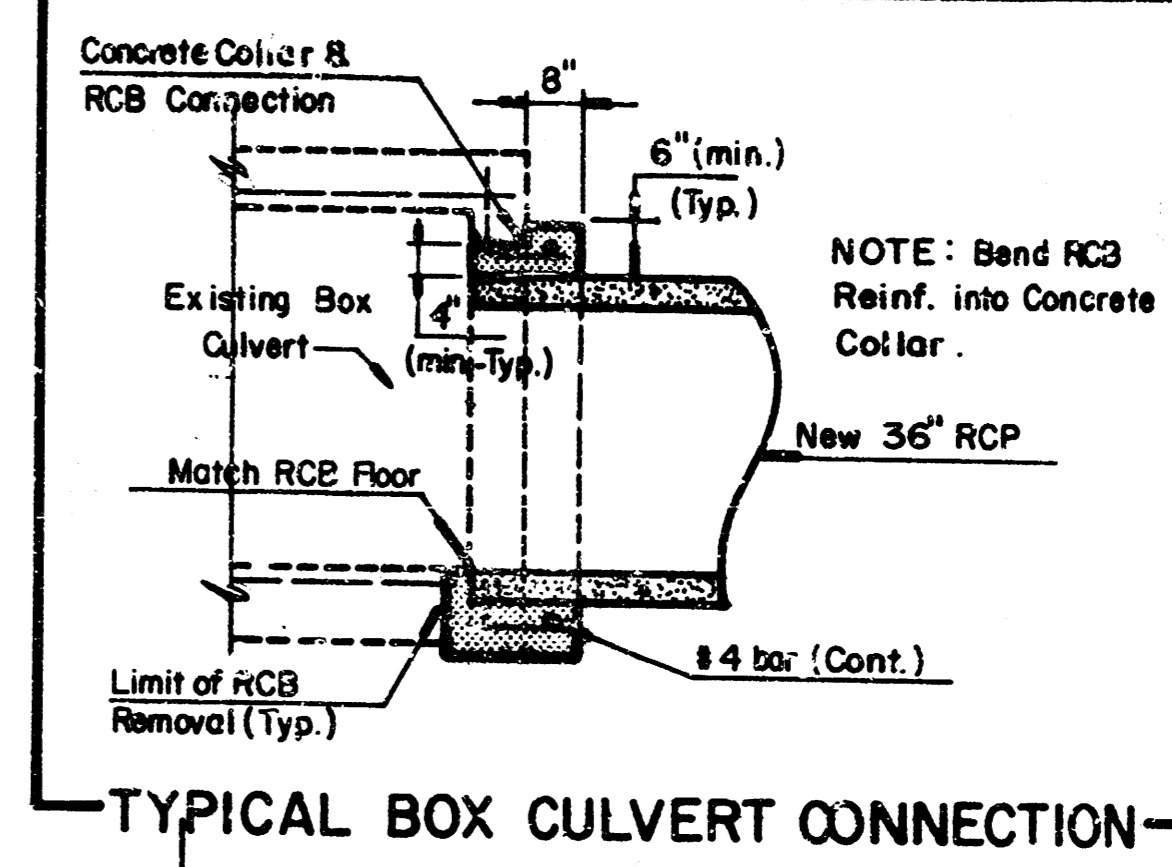
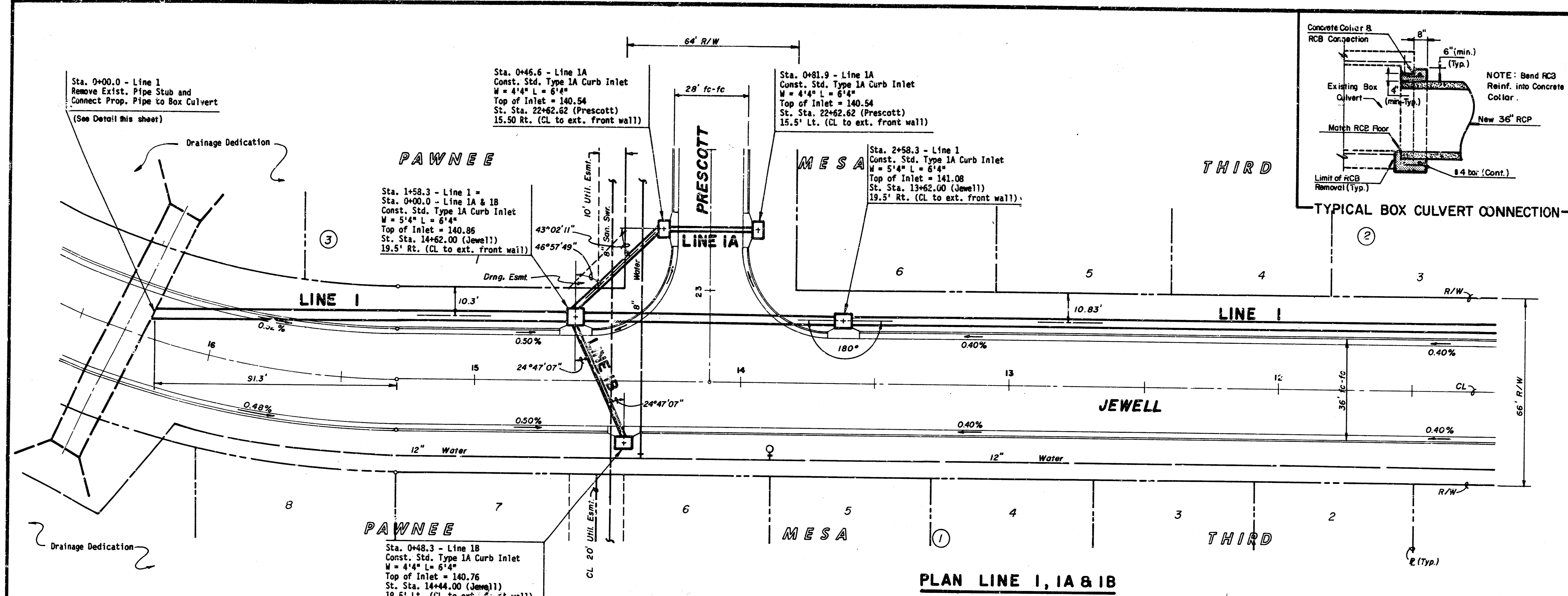
SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1, 1A & 1B
3	LINE 1 & 1C
4	LINE 2
5-6	DETAIL SHEETS
7-9	FINAL PLATS



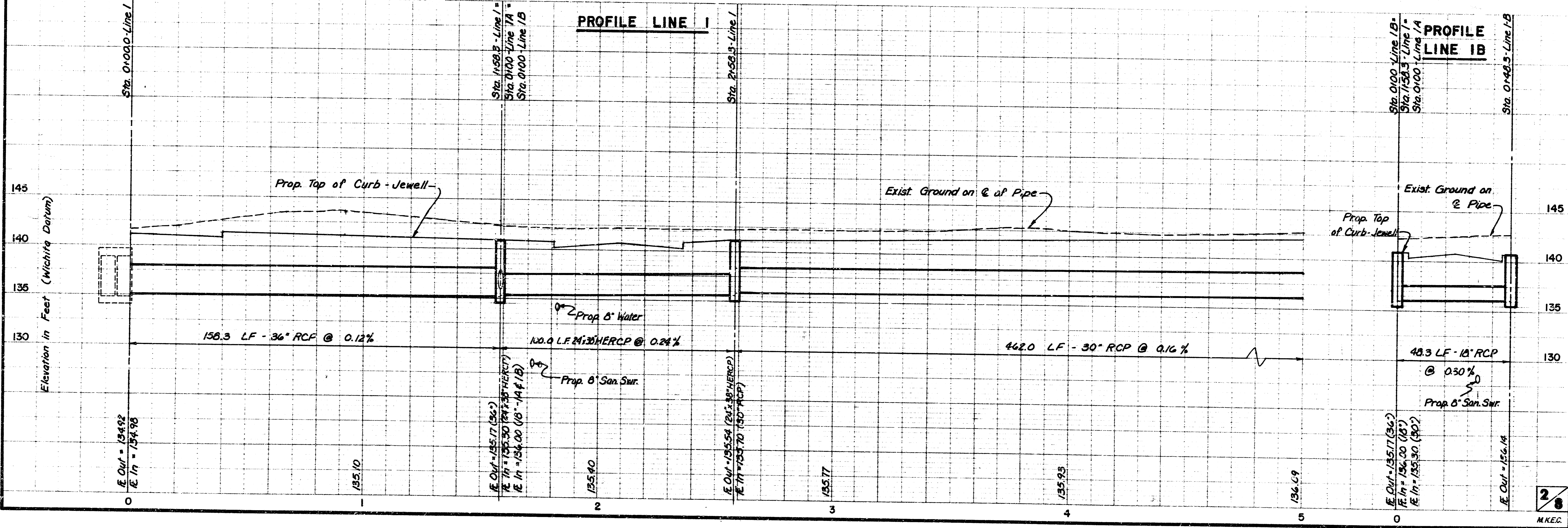
LOCATION MAP

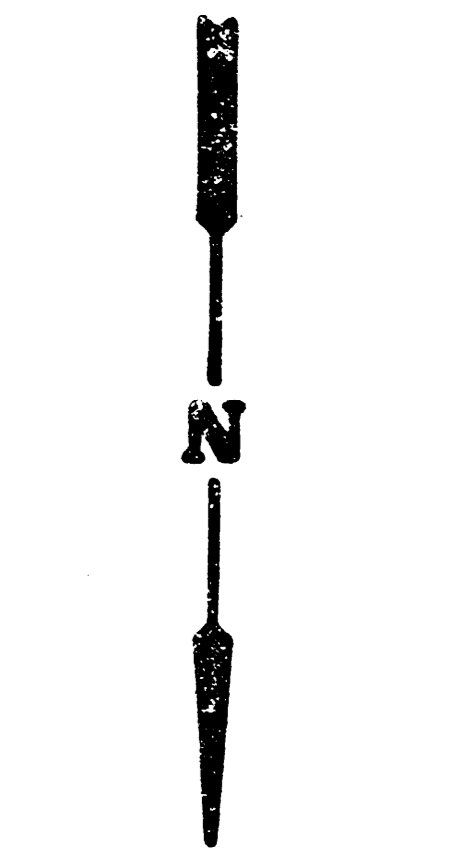
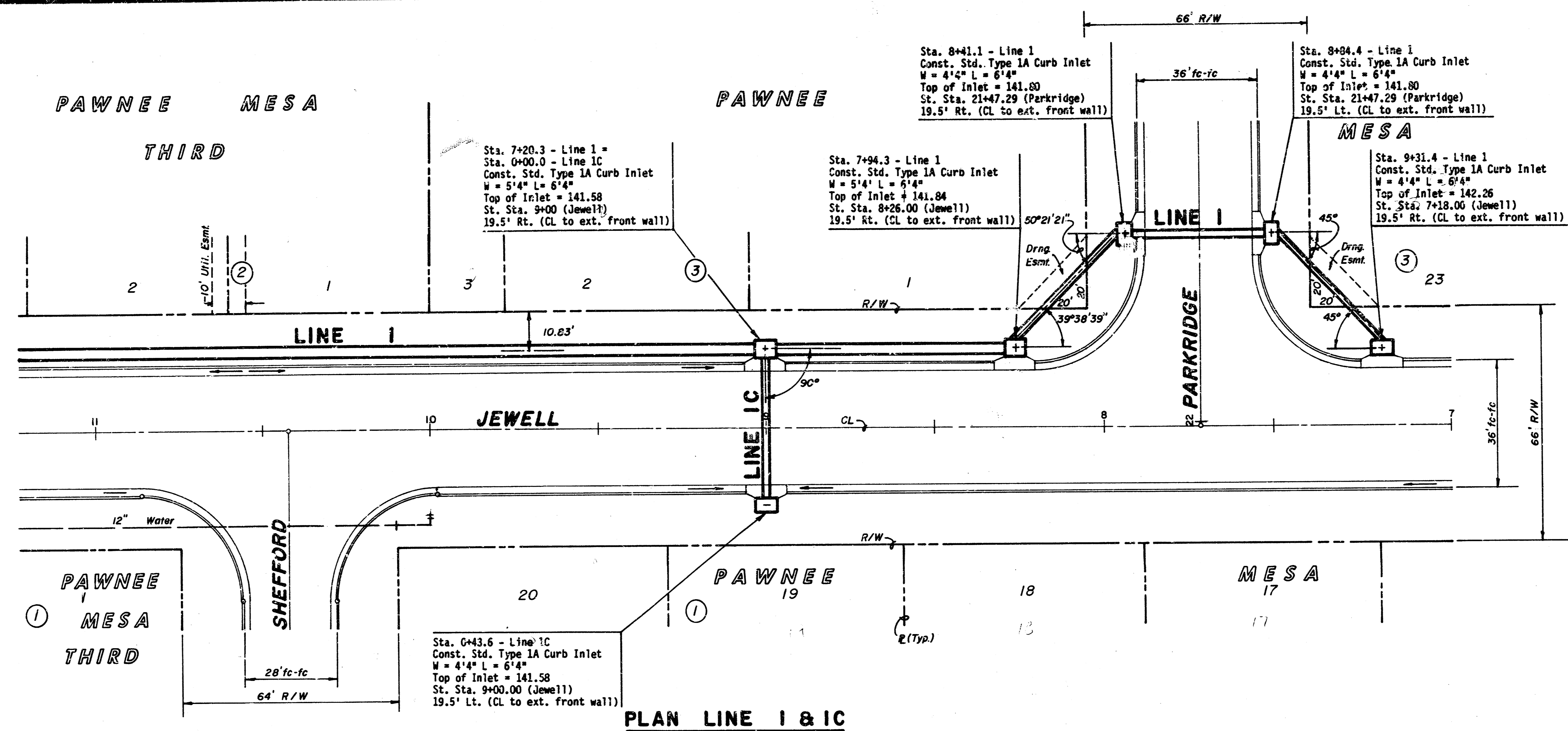
<b>MK EL</b>	<b>PAWNEE MESA THIRD</b>	Drawn 6JA
	<b>STORM SEWER PLANS</b>	Checked KKL
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BULDING #800 WICHITA, KANSAS 67226		Date 9/90
636-5566		Sheet 1 of 8

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AVAILABLE COPY

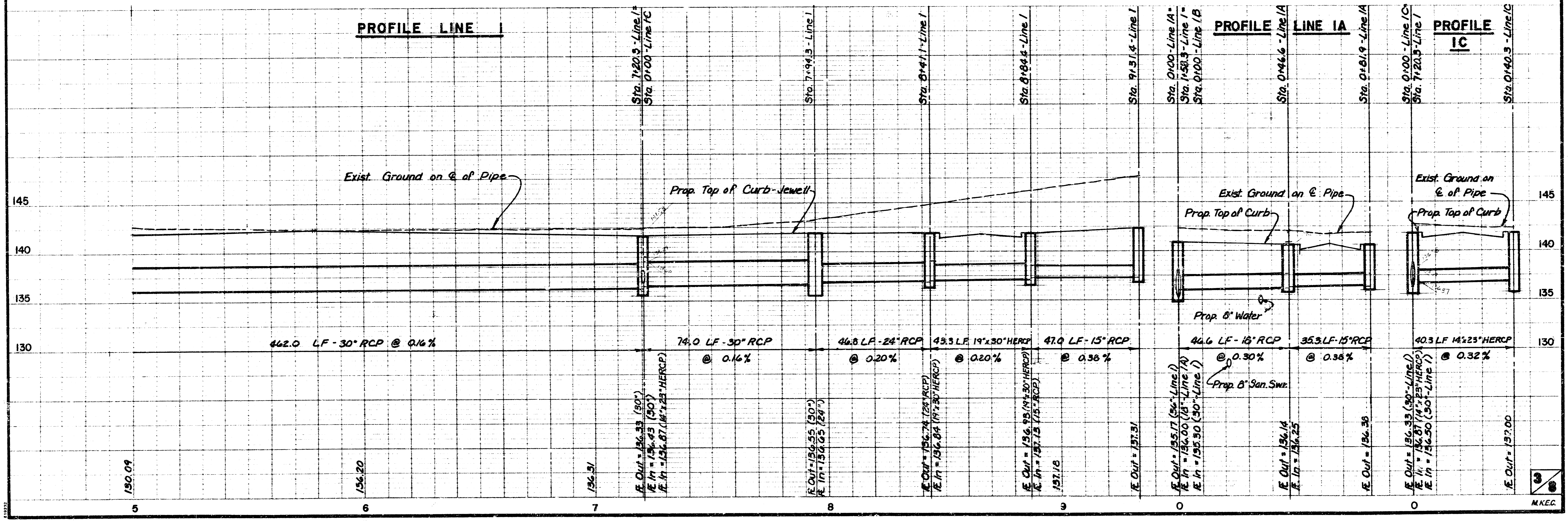


SCALE: 1" = 20' Hor.  
 1" = 5' Vert.

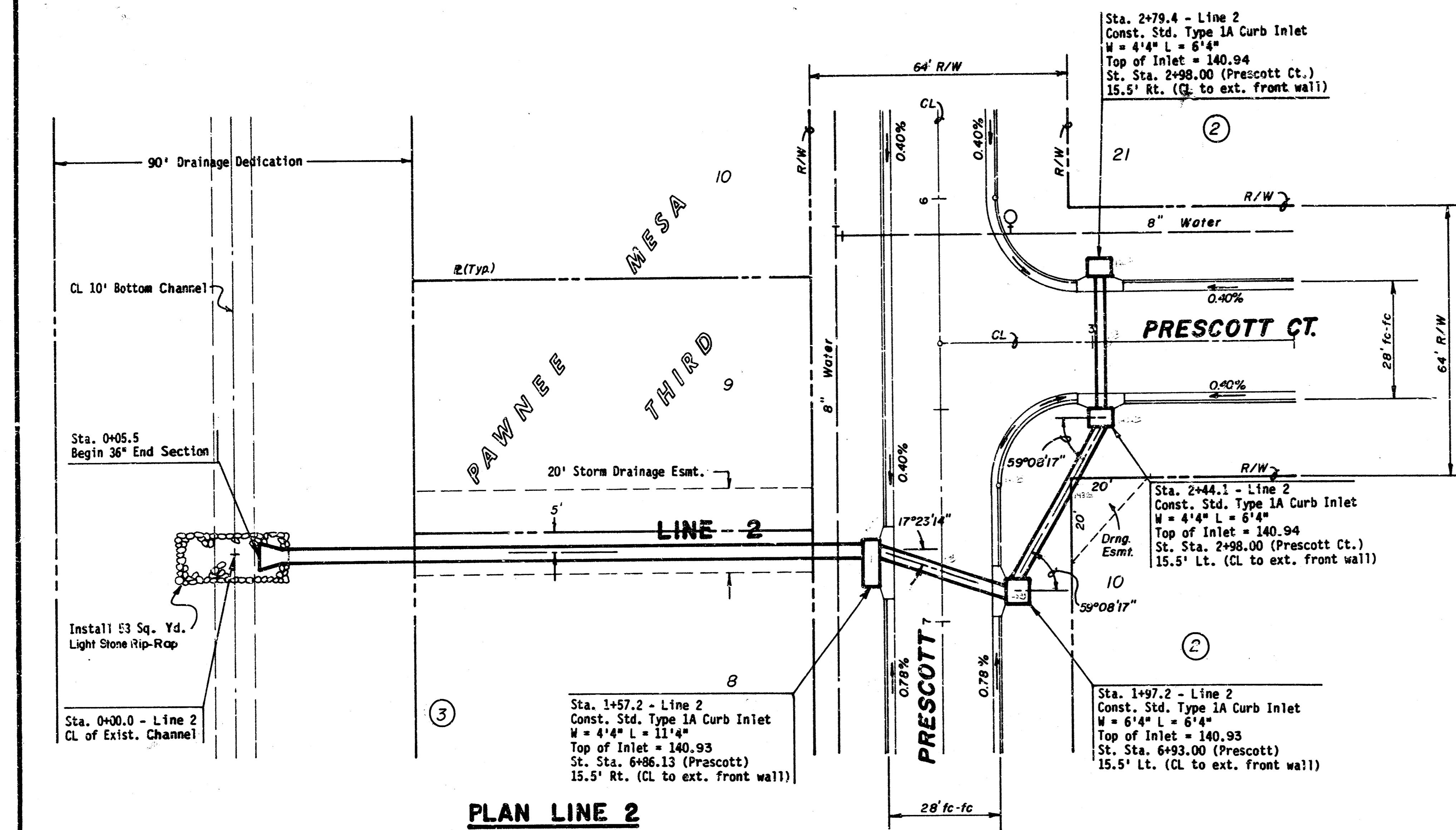




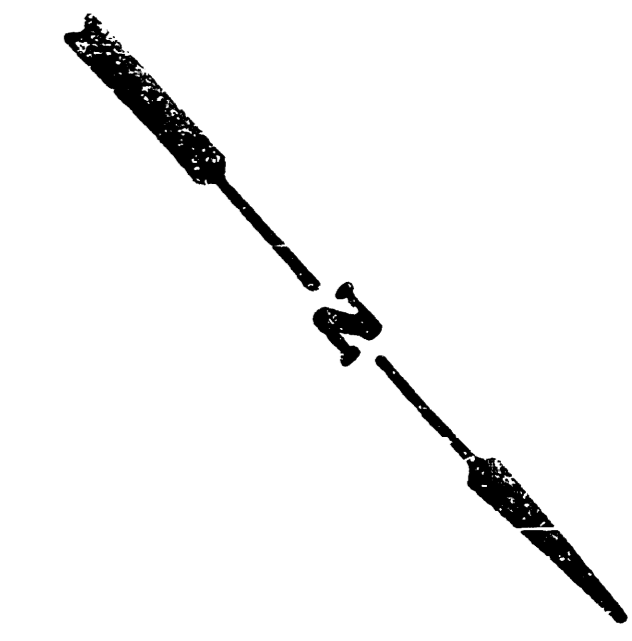
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 1"=5' Vert.



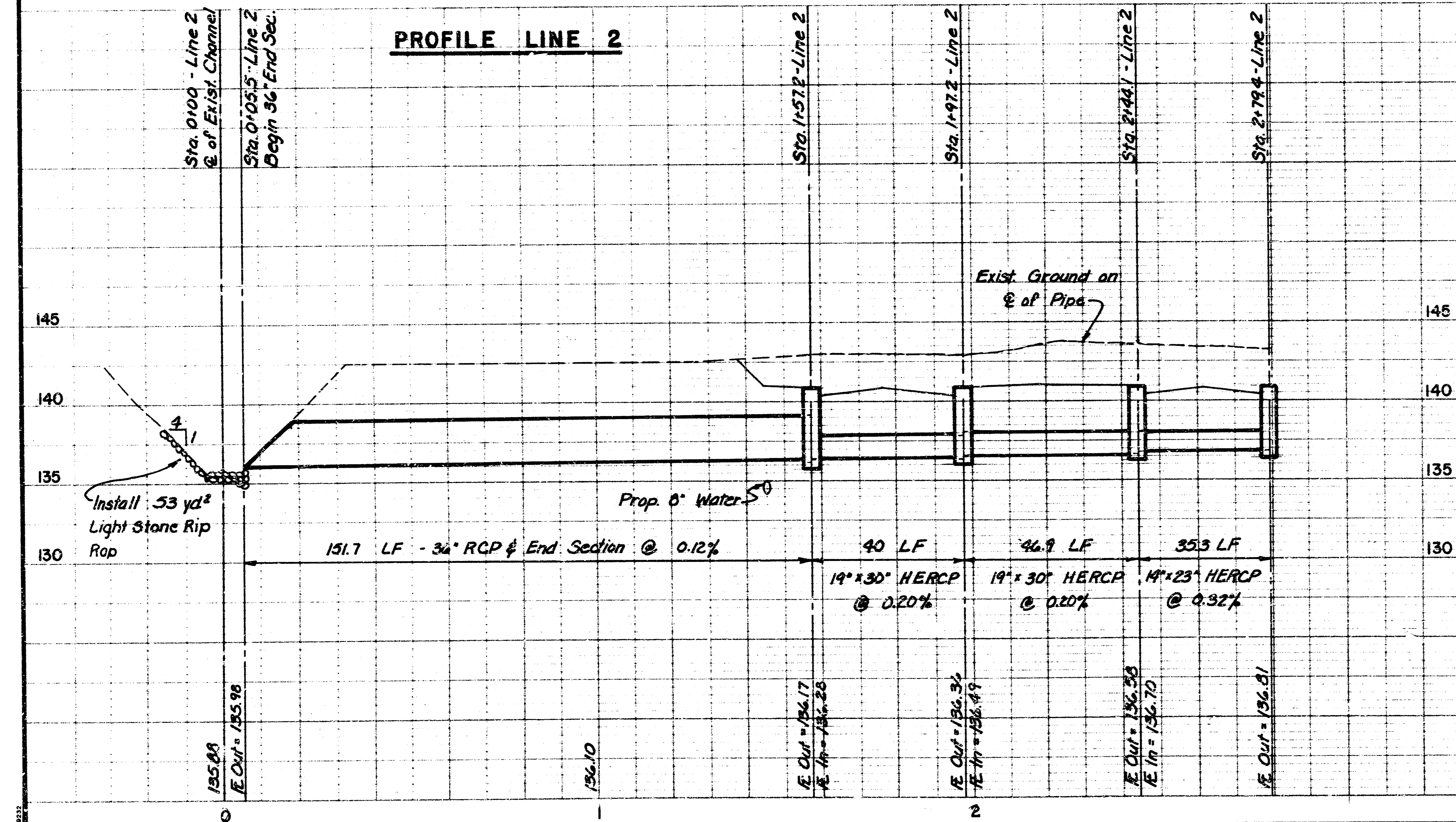
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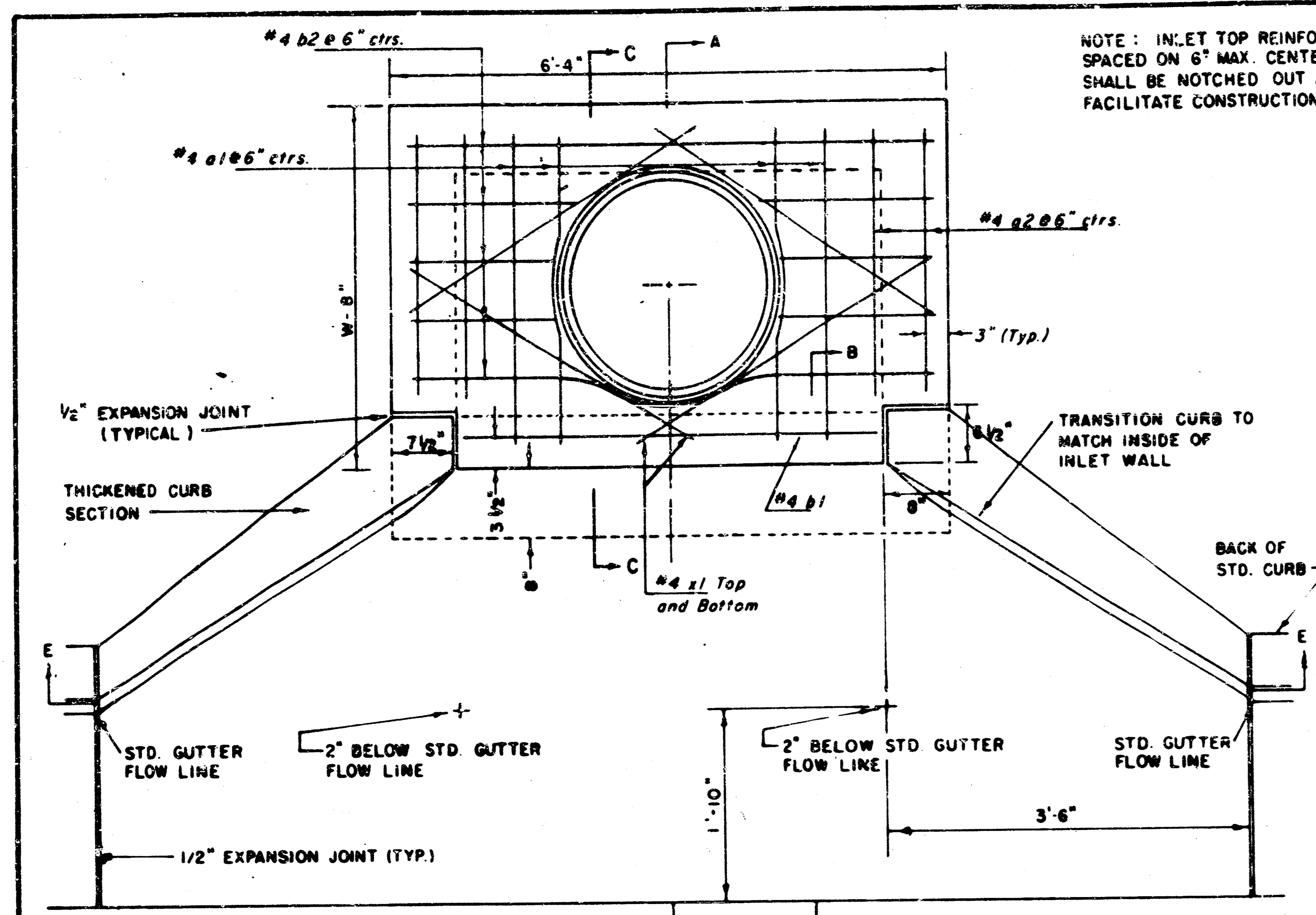
PLAN LINE 2



SCALE: 1"=20' Hor.  
 1"= 5' Vert.



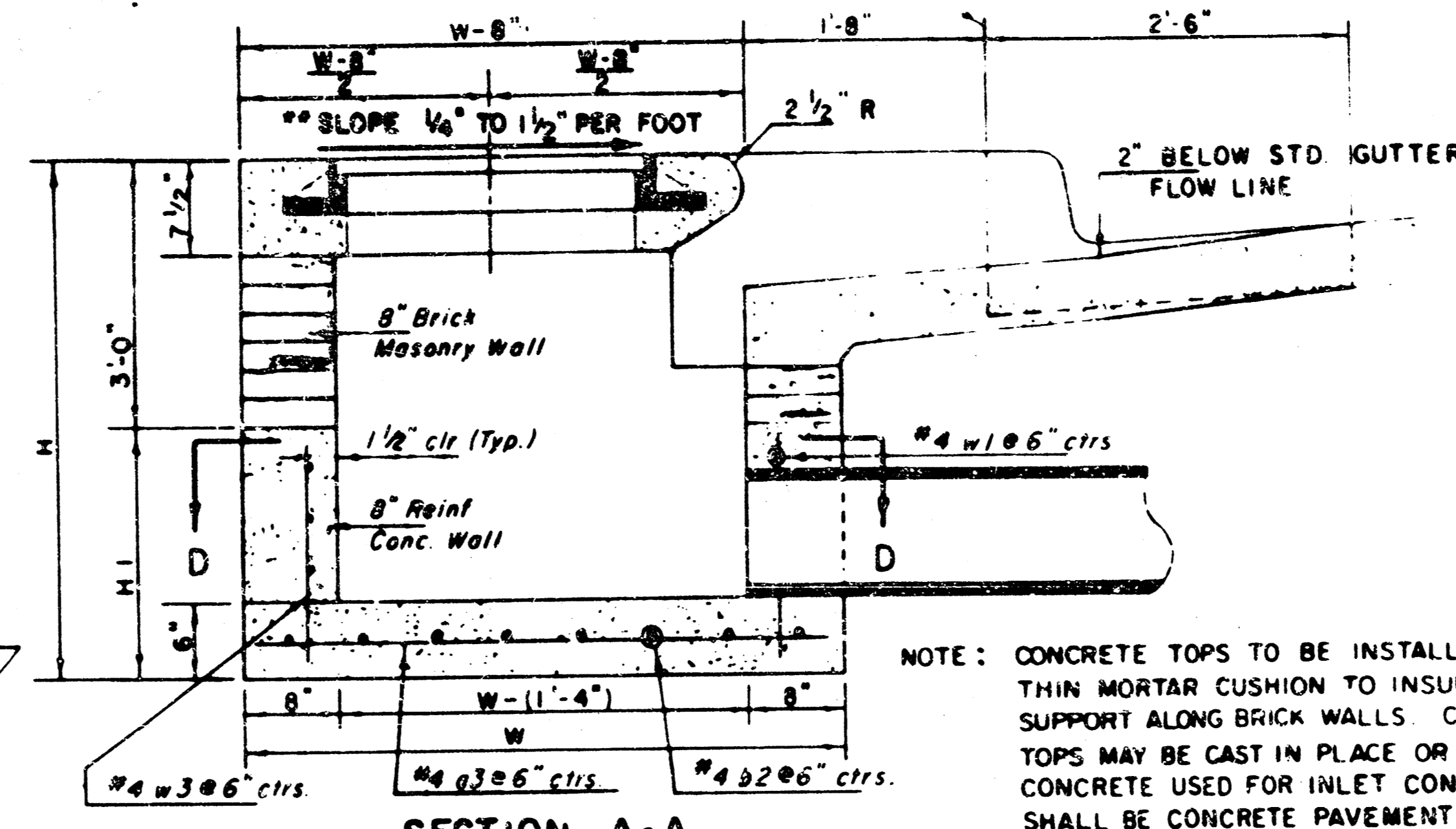
PROFILE LINE 2



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

PLAN

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



SECTION A-A

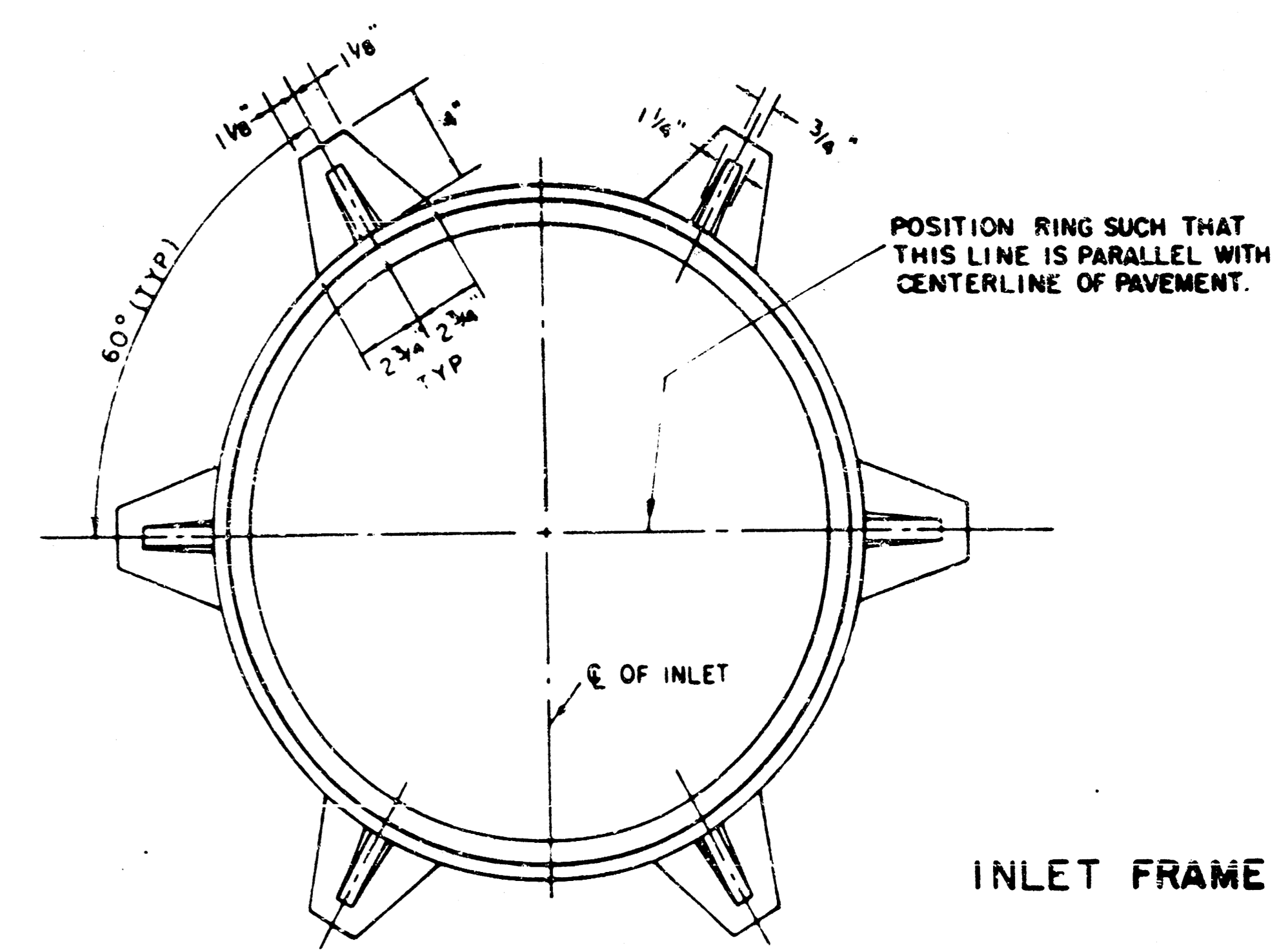
NOTE: CONCRETE TOPS TO BE INSTALLED ON THIN MORTAR CUSHION TO INSURE FULL SUPPORT ALONG BRICK WALLS. CONCRETE TOPS MAY BE CAST IN PLACE OR PRECAST. CONCRETE USED FOR INLET CONSTRUCTION SHALL BE CONCRETE PAVEMENT MIX WITH AIR ENTRAINMENT.

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.

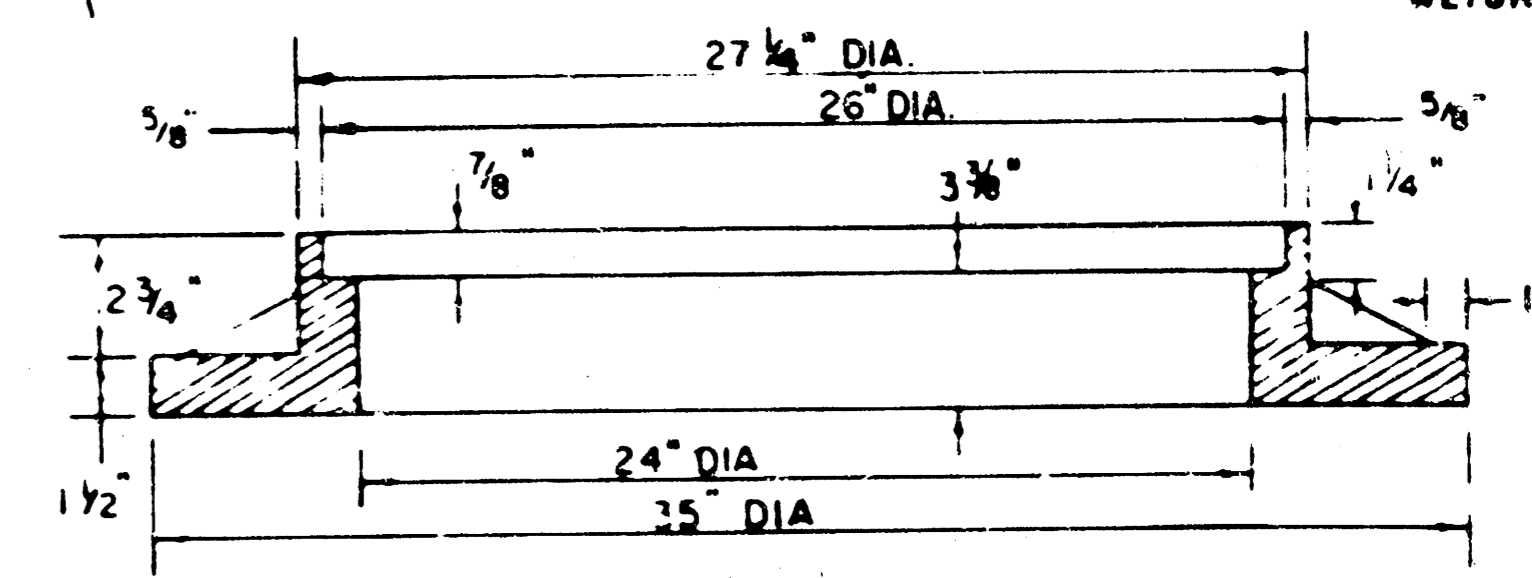
INLET INVERT SHALL BE SHAPED WITH 6 SACK SAND MIX CONCRETE TO CREATE FLOW CHANNELS AND TO INCREASE HYDRAULIC EFFICIENCY SUCH THAT THE INLET WILL BE SELF-CLEANING BETWEEN ALL INLET AND/OR OUTLET PIPES.

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

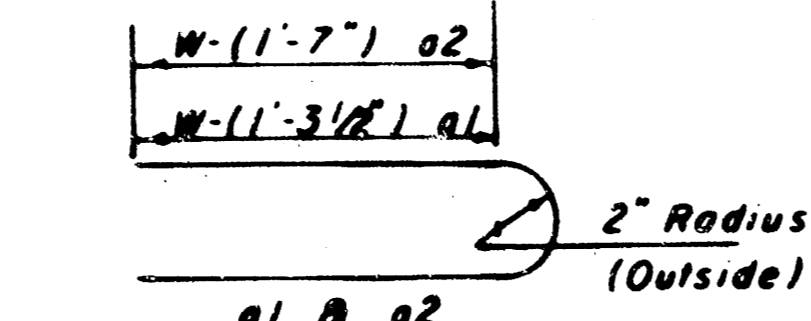


INLET FRAME

WEIGHT = 180 LBS.



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



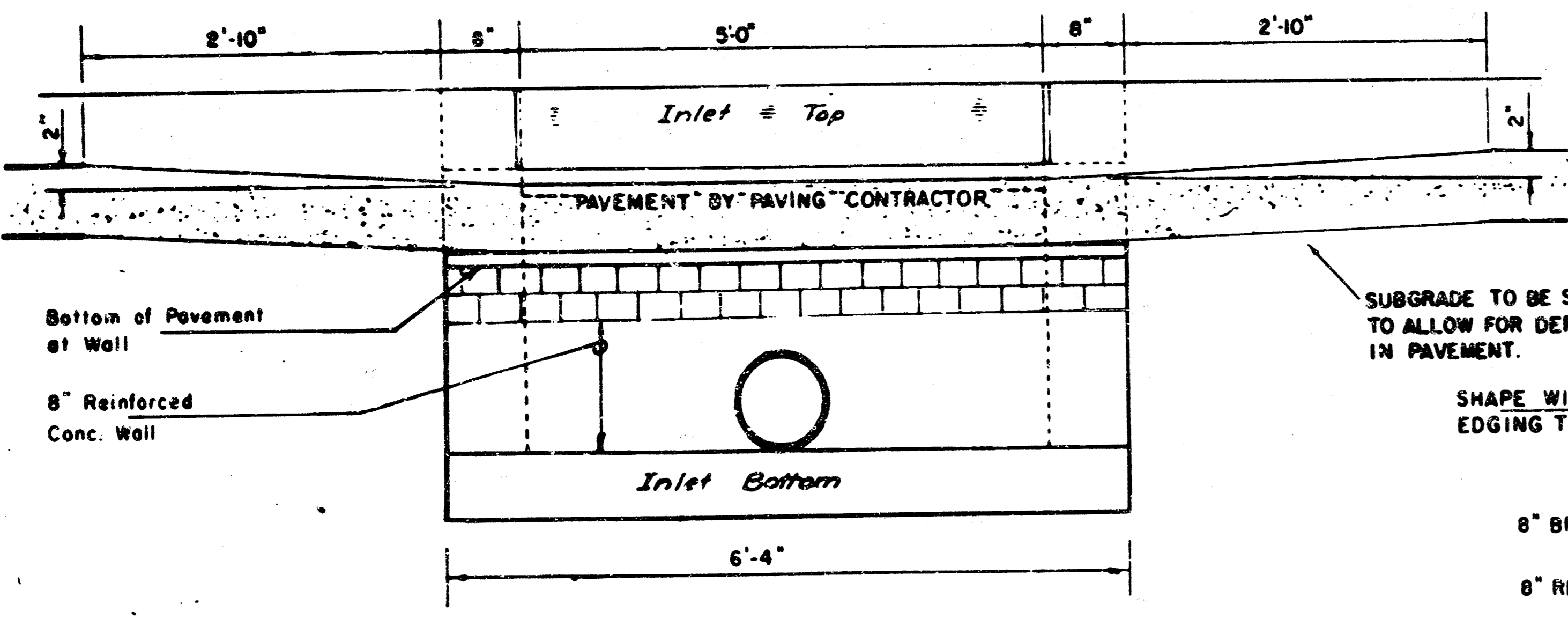
BENDING DIAGRAM

PRECAST SLAB AND FLOOR REINFORCING											
Bar	Size	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
#1	#4	6	6'-7"	6	6'-7"	6	10'-7"	6	12'-7"	6	14'-7"
#2	#4	4	6'-0"	4	6'-0"	4	10'-0"	4	12'-0"	4	14'-0"
#3	#4	13	4'-1"	13	5'-1"	13	4'-1"	13	7'-1"	13	8'-1"
#4	#4	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"	1	4'-9"
#5	#4	23	6'-1"	29	6'-1"	35	6'-1"	41	6'-1"	47	6'-1"
#6	#4	8	3'-10"	8	4'-2"	8	4'-6"	8	4'-10"	8	5'-2"

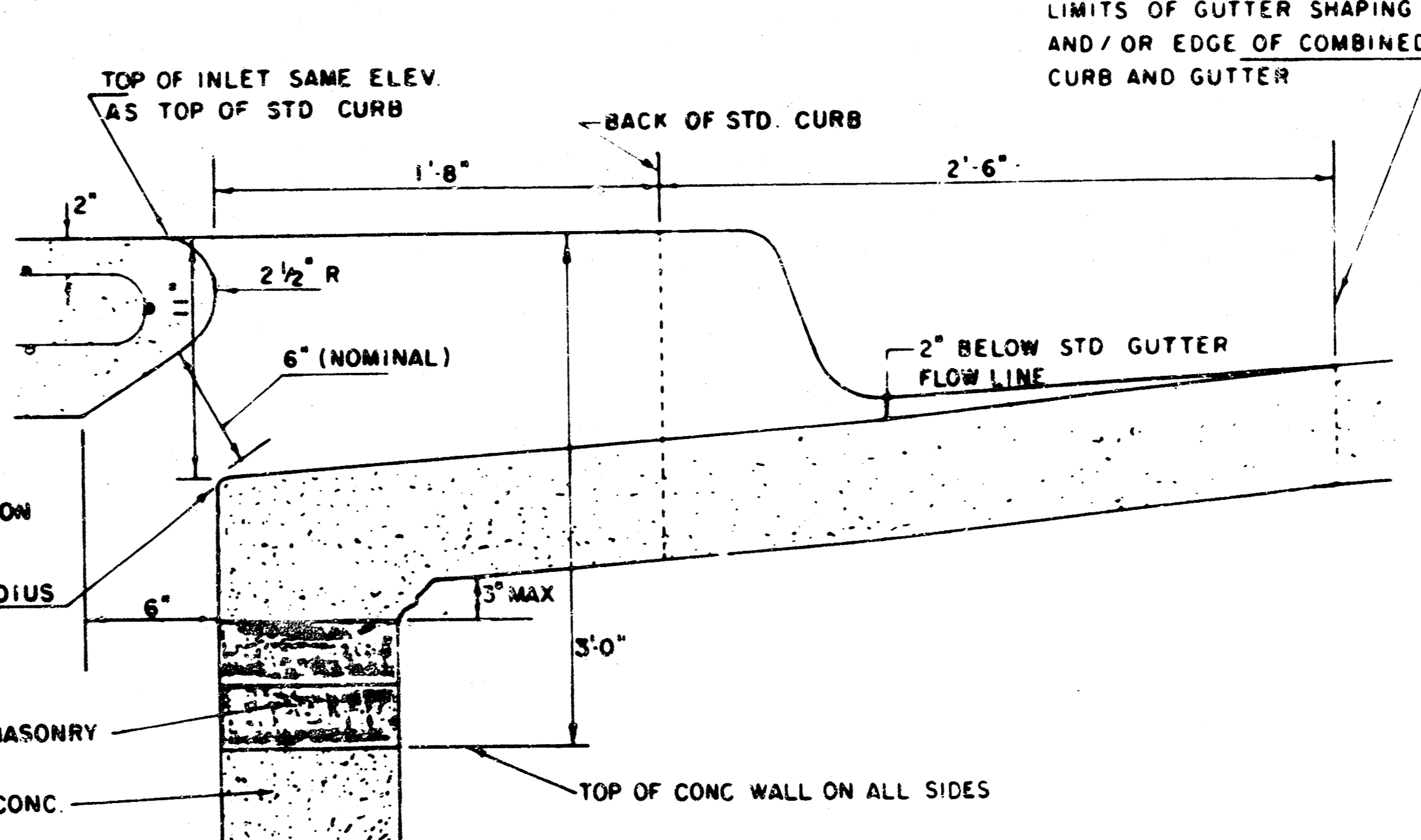
  

WALL REINFORCING											
Bar	Size	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
#1	#4	1	6'-1"	1	6'-1"	1	6'-1"	1	6'-1"	1	6'-1"
#2	#4	1	4'-1"	1	3'-1"	1	6'-1"	1	7'-1"	1	8'-1"
#3	#4	32	2	36	2	40	2	44	2	48	2

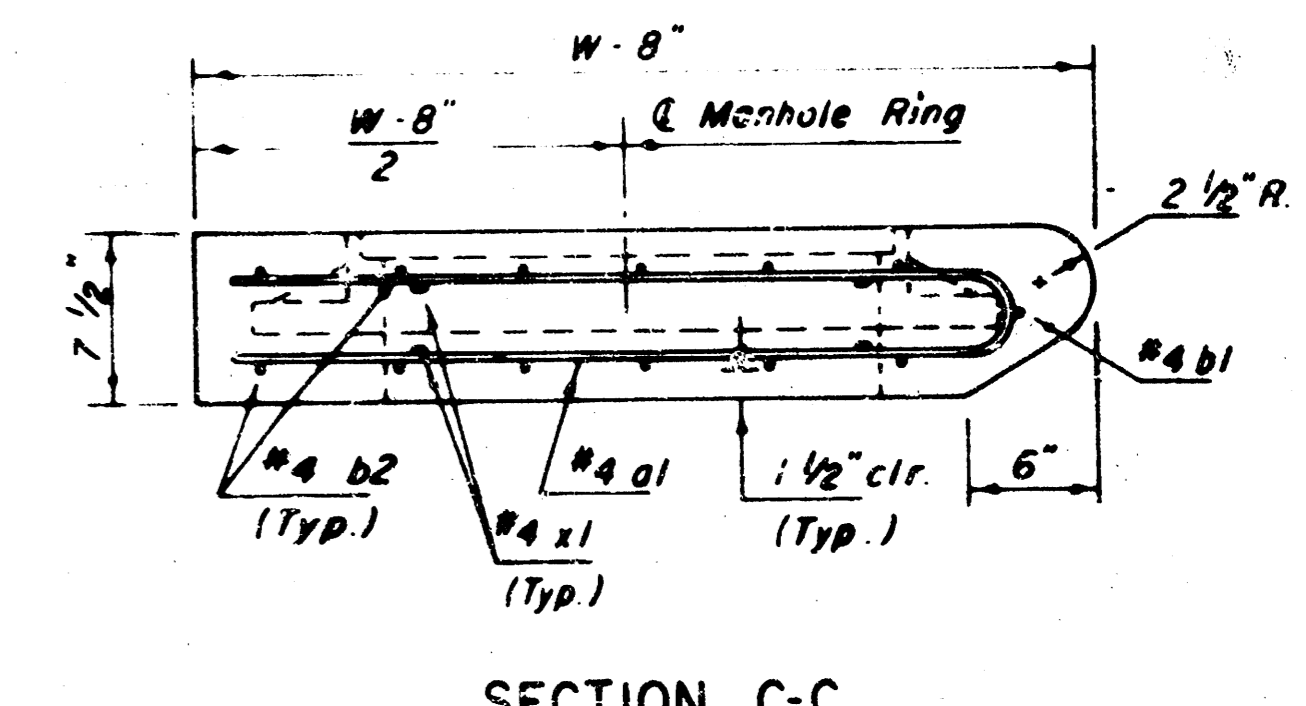
Field bend or cut Reinforcing as required for clearance.  
 ① 4(HI-12"); (HI-12") Round down to nearest 0.5"  
 ② HI-3"



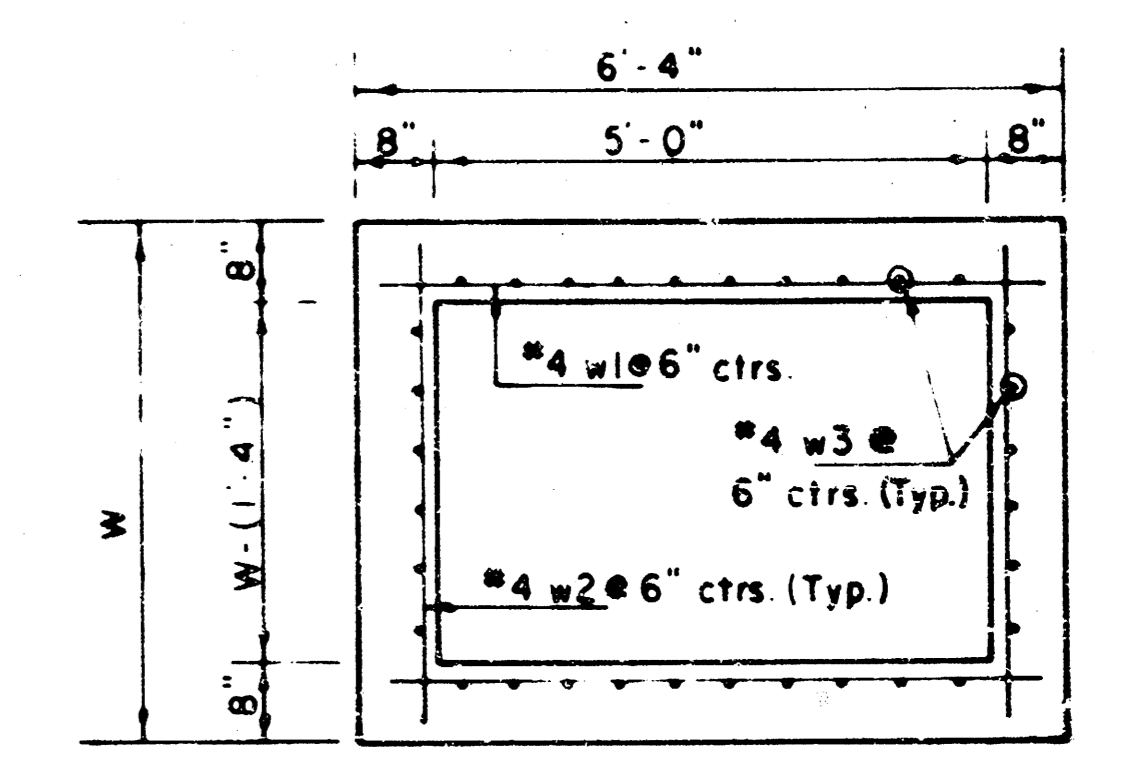
SECTION E-E



SECTION B-B



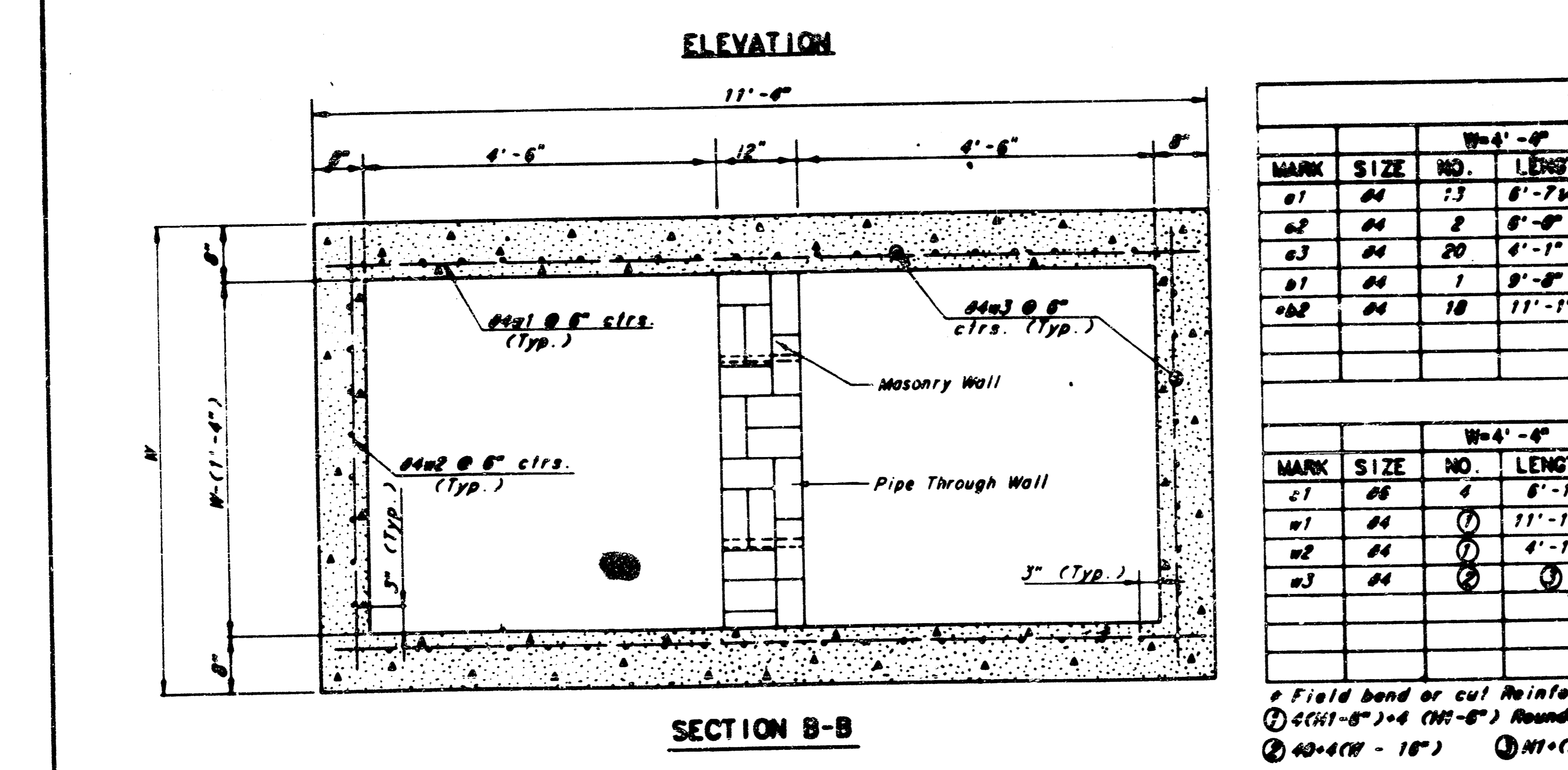
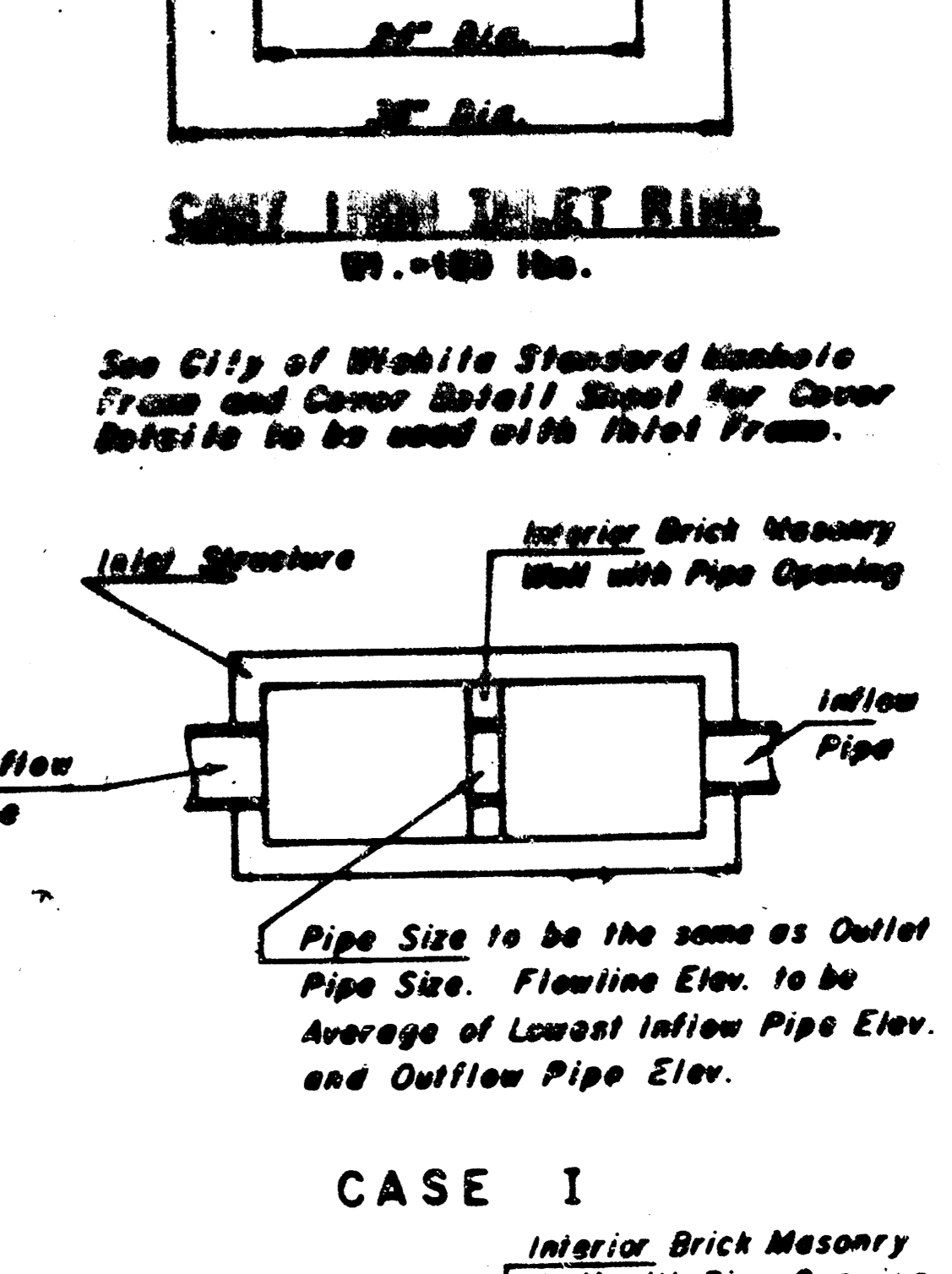
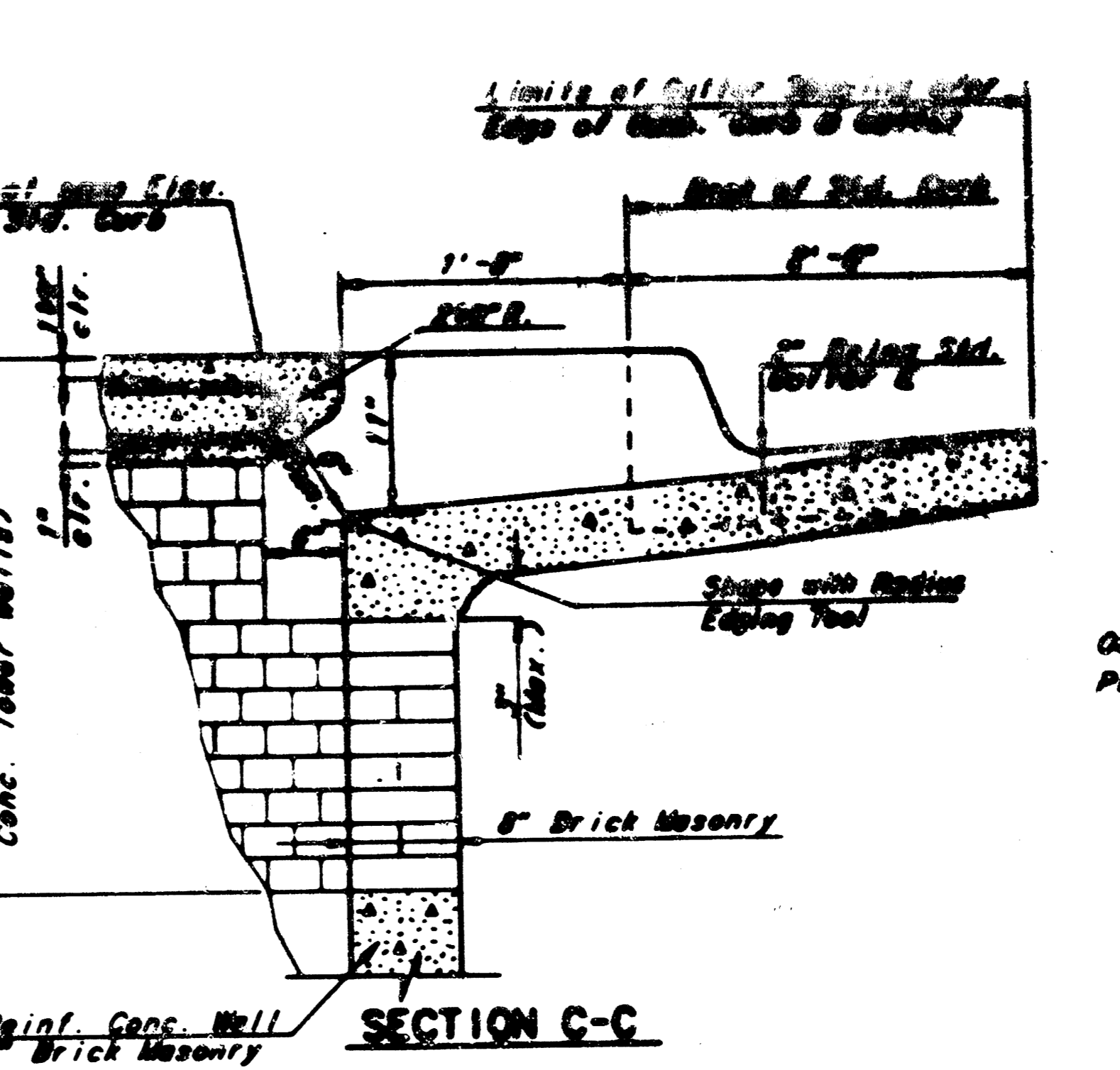
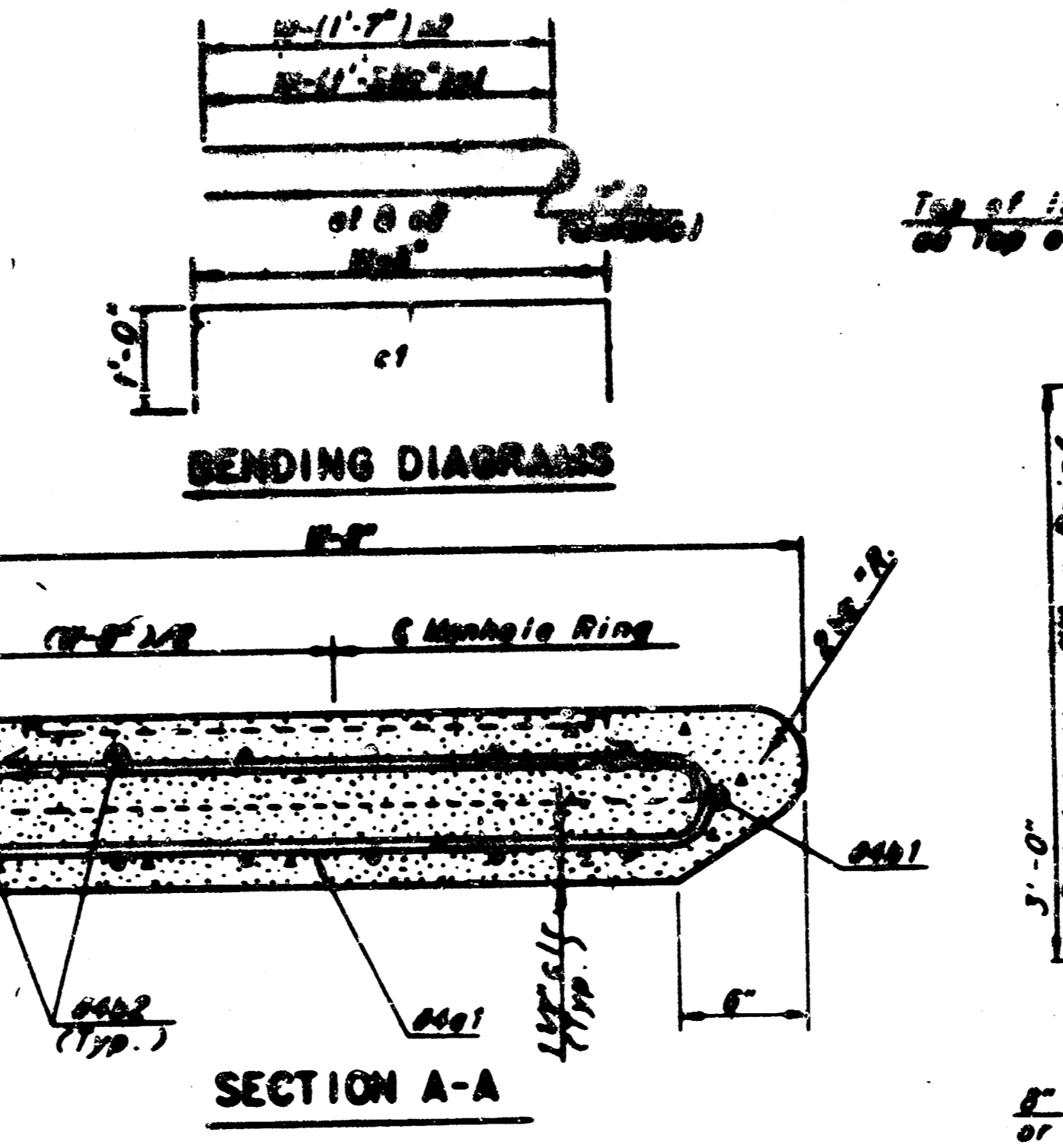
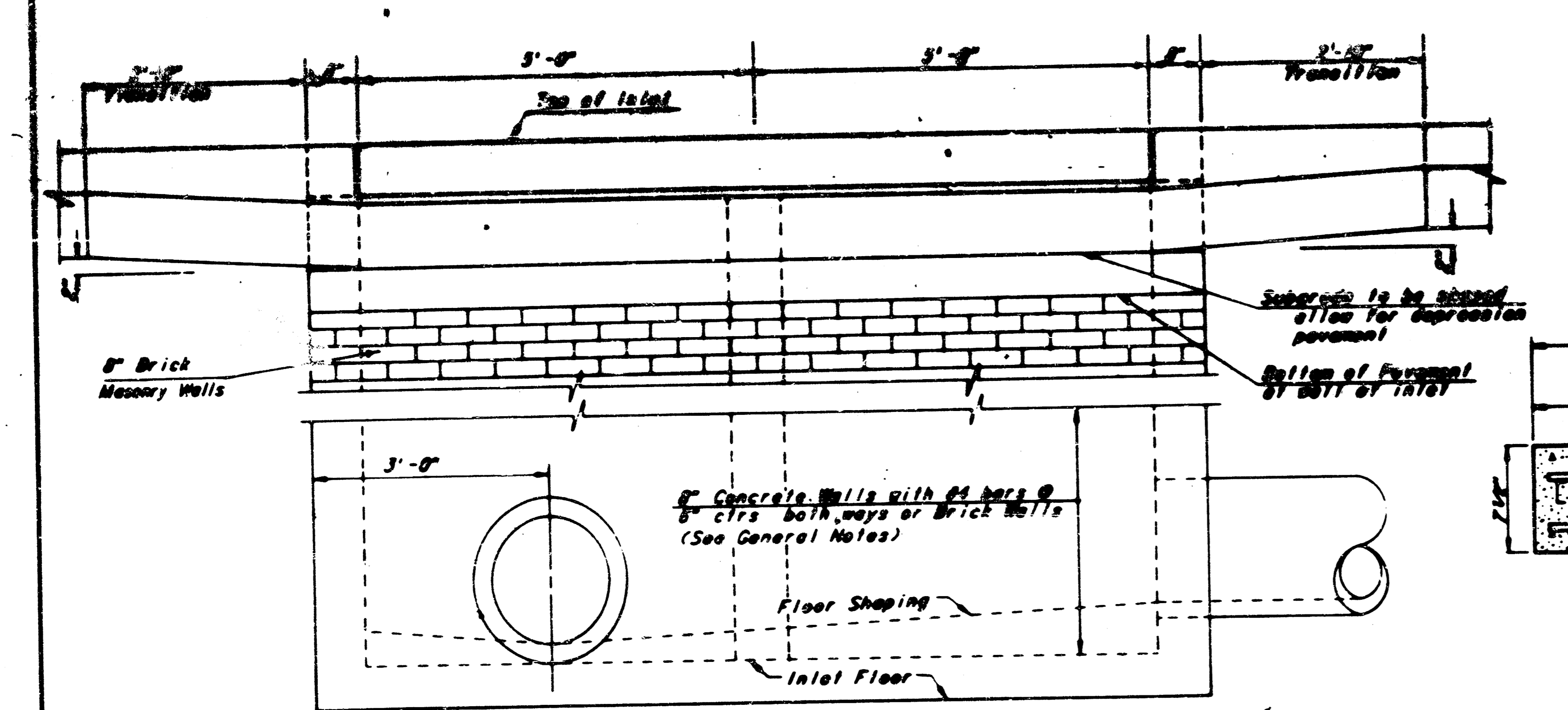
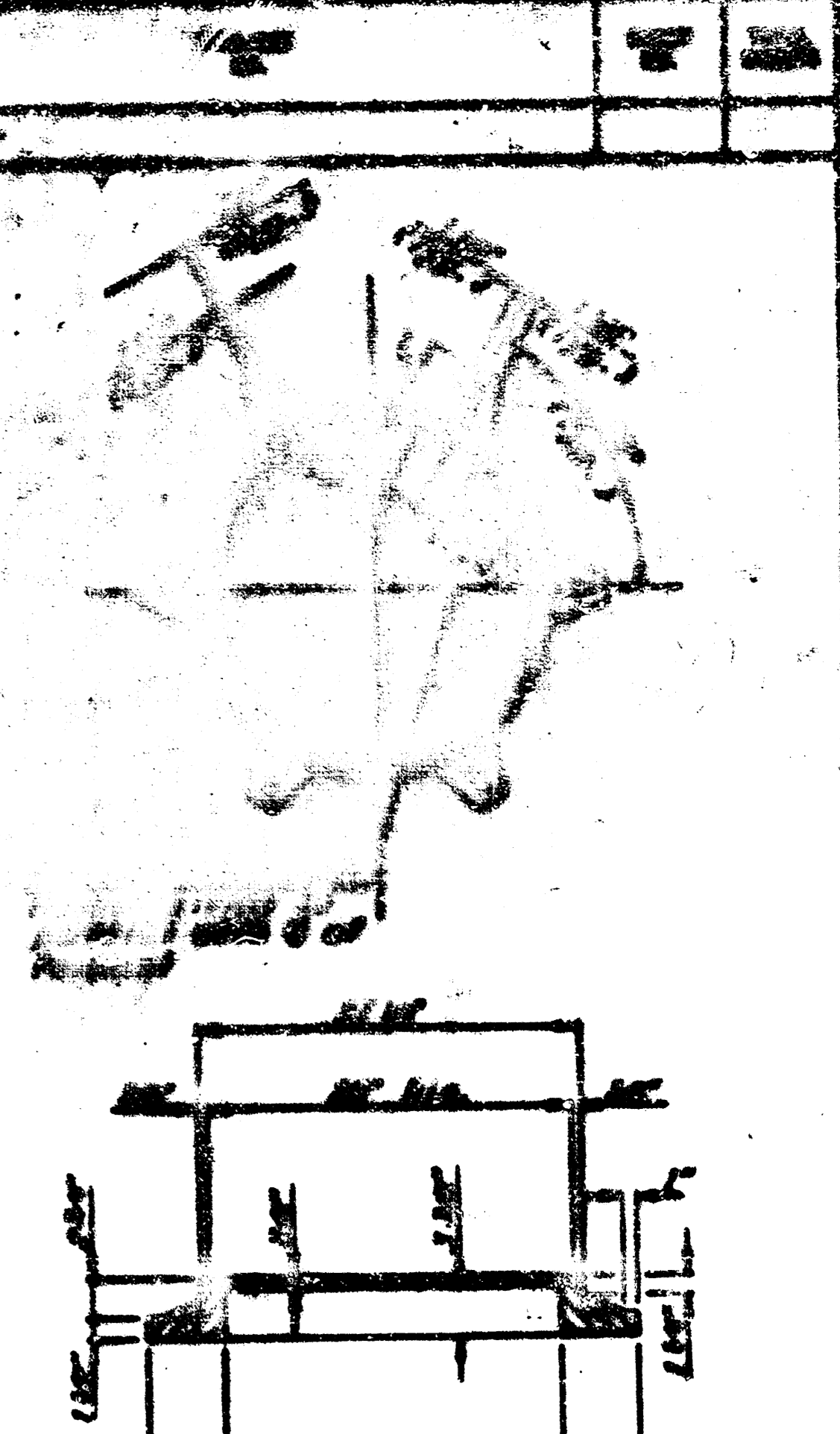
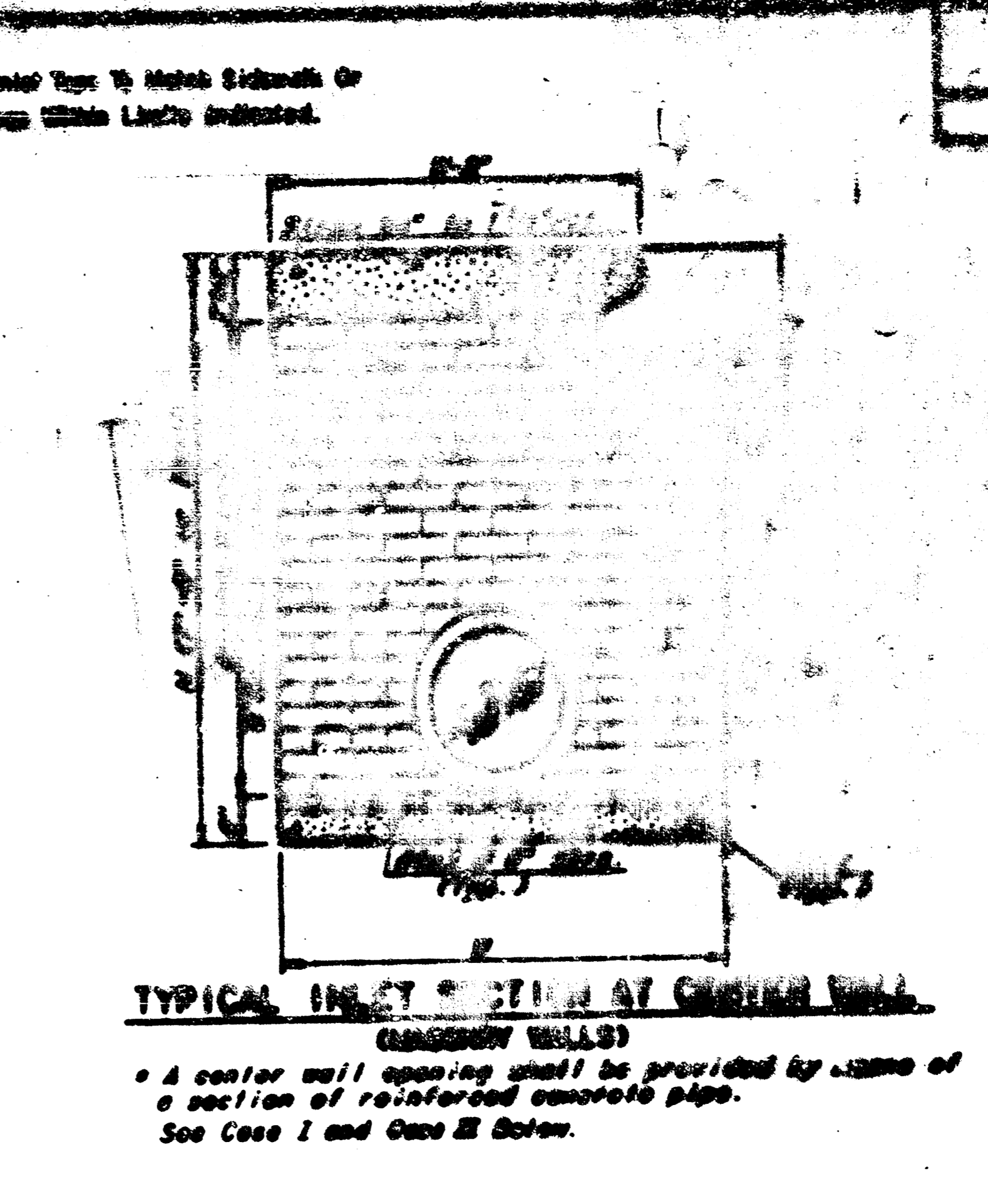
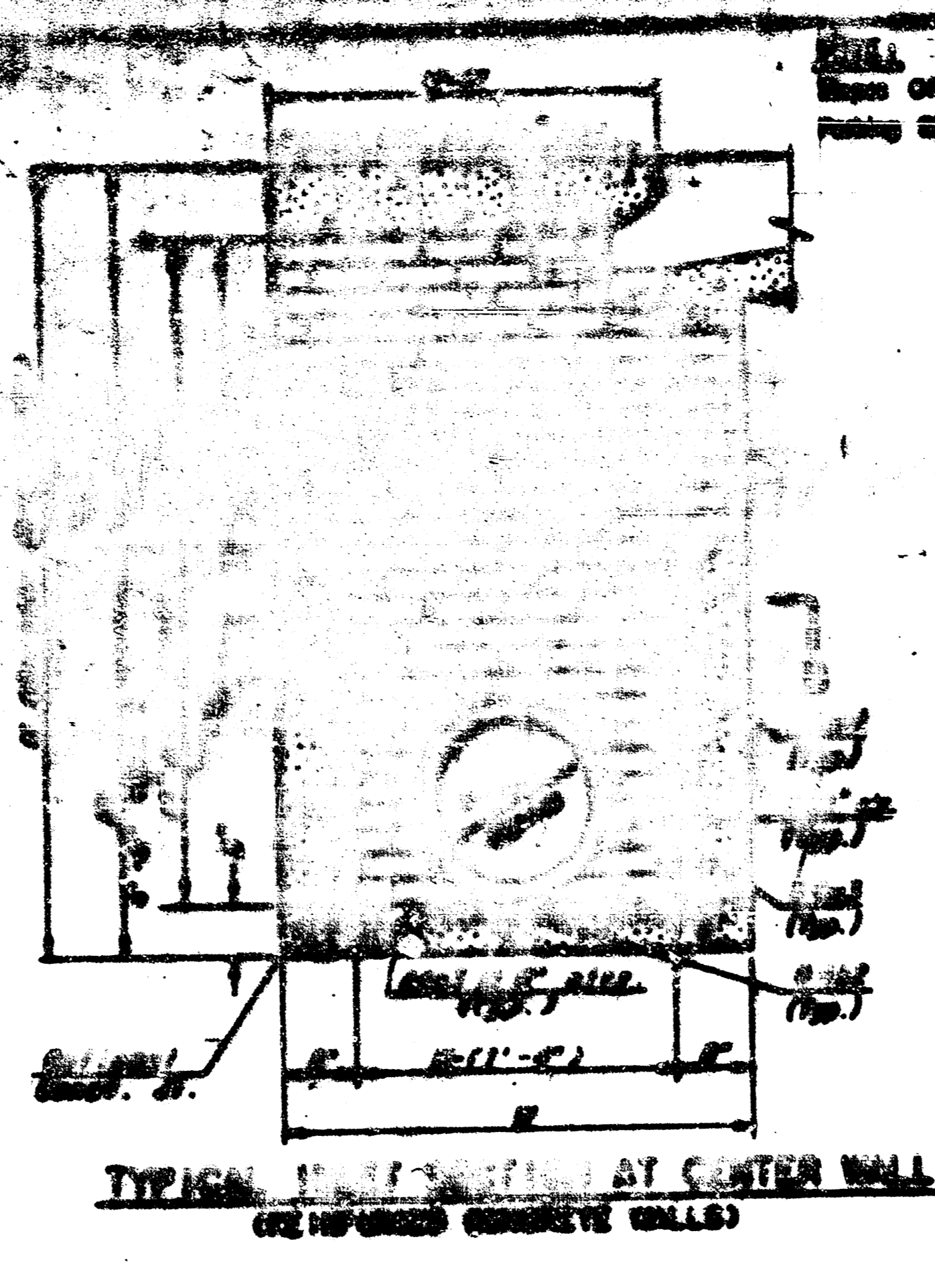
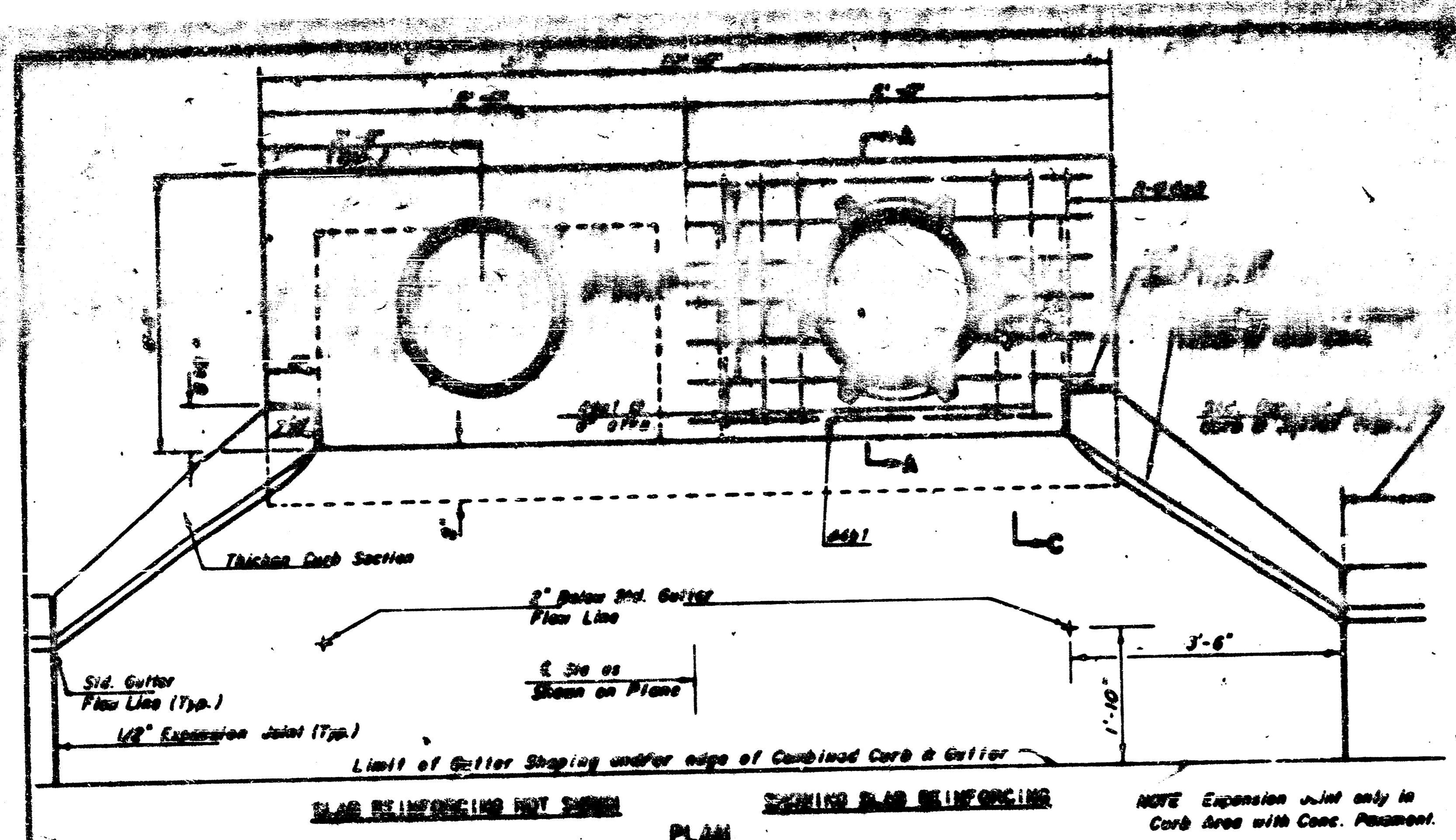
SECTION C-C



SECTION D-D

Revised 2-16-1989  
**DETAIL STANDARD TYPE IA CURB INLET**  
 CITY OF WICHITA, KANSAS  
 INLET OPENING = 6" x 5' 0"  
 JUNE 1984

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**SLAB AND FLOOR REINFORCING**

MARK	SIZE	W-4'-0"		W-5'-0"		W-6'-0"		W-7'-0"		W-8'-0"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
a1	#4	13	8'-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	8'-0"	2	8'-0"	2	10'-0"	2	12'-0"	2	14'-0"
a3	#4	20	4'-1"	20	5'-1"	20	6'-1"	20	7'-1"	20	8'-1"
b1	#4	1	9'-8"	1	9'-8"	1	9'-8"	1	9'-8"	1	9'-8"
b2	#4	18	11'-1"	24	11'-1"	30	11'-1"	36	11'-1"	42	11'-1"

**WALL REINFORCING**

MARK	SIZE	W-4'-0"		W-5'-0"		W-6'-0"		W-7'-0"		W-8'-0"	
		NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH	NO.	LENGTH
w1	#4	4	8'-1"	4	7'-1"	4	8'-1"	4	9'-1"	4	10'-1"
w2	#4	0	11'-1"	0	11'-1"	0	11'-1"	0	11'-1"	0	11'-1"
w3	#4	0	4'-1"	0	5'-1"	0	6'-1"	0	7'-1"	0	8'-1"

- GENERAL NOTES**
- THE CONTRACTOR SHALL BE REQUIRED TO CONSTRUCT OF BRICK MASONRY WALLS BETWEEN THE CONCRETE INLET BASE AND TOP ON THIS INLET WHEN 10'-0" OR LESS AND 10'-0" OR LESS WHEN W IS GREATER THAN 10'-0" AND H IS LESS THAN 7'-0". THE OUTSIDE INLET WALLS BELONGING TO THE OTHER WALL SHALL BE OF REINFORCED CONCRETE CONSTRUCTION AND THE CENTER WALL SHALL BE OF MASONRY CONSTRUCTION AS SHOWN FOR THE MASONRY WALL OPTION.
  - INLET INVERT SHALL BE SHAPED WITH A 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.
  - CONCRETE TOPS TO BE INSTALLED ON TRIM MORTAR CURBION 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.
  - INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB BARS IN INLET TOP TO BE FIELD BENT OR CUT TO CLEAR MANHOLE RIPS.
  - THE ENDS OF ALL PIPES INSTALLED IN INLETS SHALL BE CUT OFF FLUSH WITH THE INSIDE FACE OF THE INLET WALL.

**CASE II**

Inlet Structure

Interior Brick Masonry Wall with Pipe Opening

Inflow Pipe

Outflow Pipe

18" Dia. Pipe Flowline Elev. to be 1/2" Above Outflow Elev.

**NOTE** Center Wall Pipe Size shall be as Specified in Inlet Construction Note on the Plan/Profile Sheets for those Cases not shown here.

**STANDARD TYPE 1A CURB INLET**

INLET OPENING = 6" x 10'-0"

WICHITA, KANSAS

Designed by **BER, S.S., ASD** Checked by **ASD**  
 Drawn by **ASD** Date **Nov., 1904** Job No. **6/8**

REVISED 12-3-00 REVISED 10-21-00

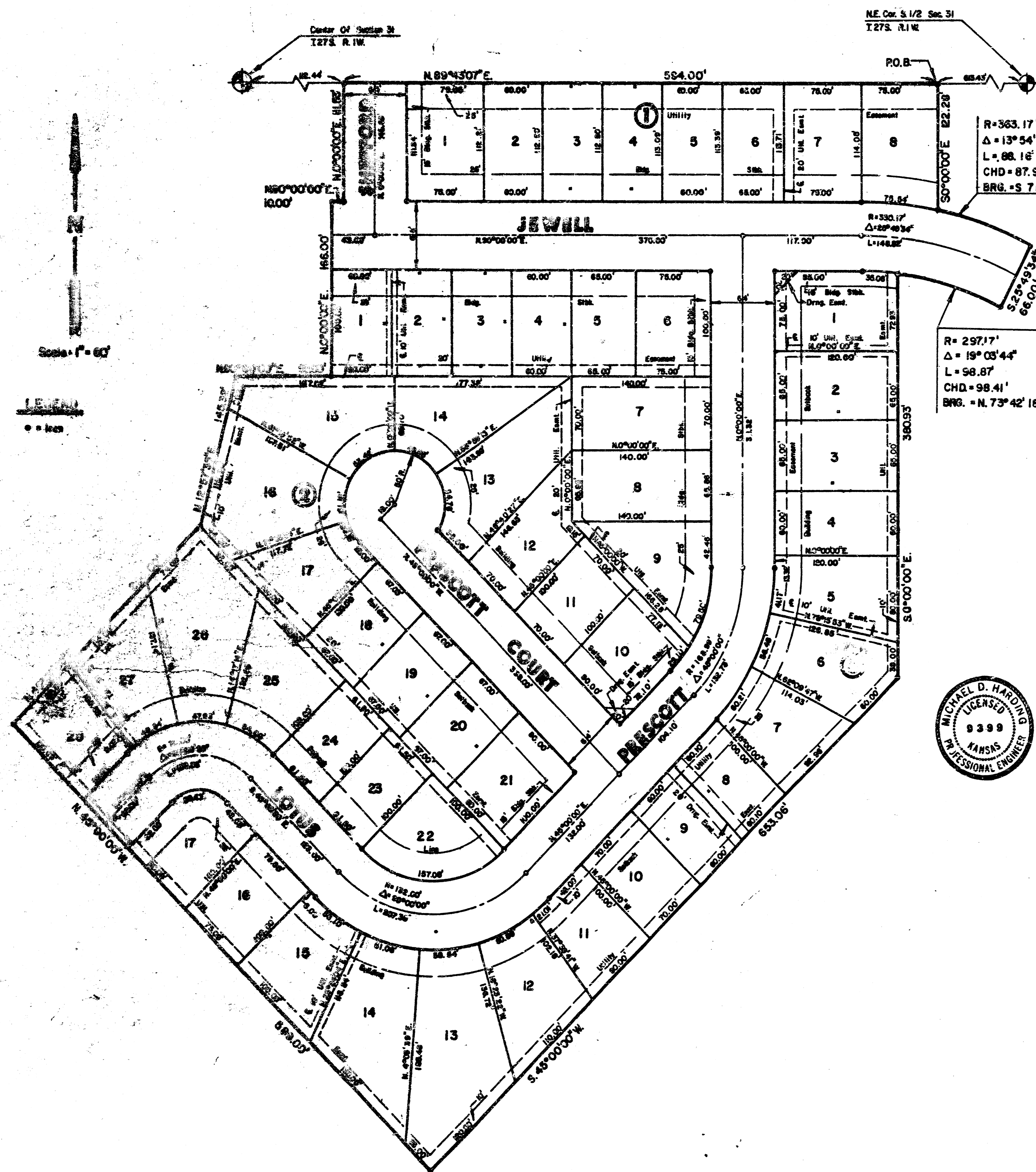
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FINAL PLAT OF

# PAWNEE MESA THIRD ADDITION

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

#688303

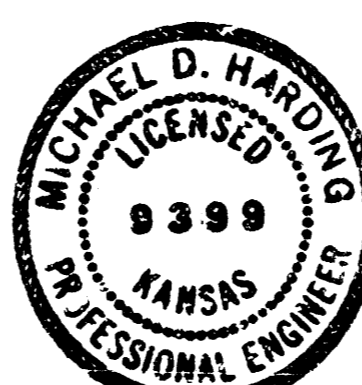


I, Michael D. Harding, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "Pawnee Mesa Third Addition", an addition to Wichita, Sedgwick County, Kansas, into lots, blocks and streets, the same being accurately set forth in the accompanying plat and described as follows:

A replat of Lots 1 through 7 inclusive Block 2, a portion of Lot 3, Block 4, Lots 4 through 28 inclusive Block 4, and Lots 7 through 22 inclusive, Block 5, all within Pawnee Mesa Addition, an addition to Wichita, Sedgwick County, Kansas, lying in the south half of Section 31, Township 27 south, Range 1 west of the 6th P.M., more particularly described as follows:

Beginning at the northeast corner of Lot 7, Block 2, Pawnee Mesa Addition, an addition to Wichita, Sedgwick County, Kansas, said point also being on the north line of the south half of Section 31, Township 27 south, Range 1 west, 613.43 feet westerly bearing S 89° 43' 07" W from the northeast corner of the south half of Section 31; thence S 0° 00' 00" E, 122.28 feet to a point on a curve to the right having a radius of 363.17 feet and a central angle of 13° 54' 31"; thence along said curve an arc length of 85.16 feet; thence S 0° 00' 00" E, 380.93 feet; thence S 45° 00' 00" W, 653.06 feet; thence N 45° 00' 00" W, 589.00 feet; thence N 45° 00' 00" E, 264.00 feet; thence N 12° 57' 35" E, 145.32 feet; thence W 90° 00' 00" E, 95.00 feet; thence N 0° 00' 00" E, 166.00 feet; thence N 90° 00' 00" E, 10.00 feet; thence N 0° 00' 00" E, 111.53 feet to a point on the north line of the south half of said Section 31; thence N 89° 43' 07" E, 594.00 feet to the point of beginning; containing 13.31 acres, more or less.

All lots, easements, building setbacks and streets within the above described property are being vacated and replatted by virtue of K.S.A. 12-512 (b). I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 7th day of March, 1984.



*Michael D. Harding*  
 Michael D. Harding, P.E.  
 Mid-Kansas Engineering Consultants, P.A.  
 240 North Rock Road, Suite 130  
 Wichita, Kansas 67204

Know all men by these presents that we the undersigned property owners of the land as above set forth in the Engineers Certificate have caused the same to be surveyed and replatted into lots, blocks and streets, the same to be known as "Pawnee Mesa Third Addition", an addition to Wichita, Sedgwick County, Kansas. Easements for construction and maintenance of public utilities and storm sewers as indicated on the accompanying plat are hereby granted. The streets are hereby dedicated to and for the use of the public.

*Alexander L. Dean*  
 Alexander L. Dean, Exec. Vice. Pres.

*Bradley K. Smisor*  
 Bradley K. Smisor, Sec.-Treas.

STATE OF KANSAS  
 SS:  
 COUNTY OF SEDGWICK

Be it remembered that on this 7th day of March, 1984, before me, a Notary Public in and for said State and County, came Builders, Inc. by Alexander L. Dean, Exec. Vice-Pres. and Bradley K. Smisor Sec.-Treasurer of Builders, Inc., to me personally known to be the same persons who executed the foregoing instrument of writing on behalf of the corporation 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.

*Loretta J. Holt*  
 Loretta J. Holt, Notary Public  
 My Appointment Expires: 4-21-87

STATE OF KANSAS  
 SS:  
 COUNTY OF SEDGWICK

This plat of "Pawnee Mesa Third Addition" has been submitted to and approved by the Wichita-Sedgwick County Metropolitan Area Planning Commission.

Dated this 26th day of January, 1984.

Wichita-Sedgwick County Metropolitan Area Planning Commission

*Robert K. Chisholm*  
 Robert K. Chisholm, Chairman

*Robert A. Lakin*  
 Robert A. Lakin, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the Board of City Commissioners of the City of Wichita, Kansas, this 25th day of April, 1984.

*Margaret Wright*  
 Margaret Wright, Mayor

*Donald C. Giesick*  
 Donald C. Giesick, City Clerk

This plat approved and all dedications shown hereon, if any, accepted by the Board of County Commissioners of Sedgwick County, Kansas, this 25th day of April, 1984.

*Jack Spzatt*  
 Jack Spzatt, Chairman

*Donald E. Cragg*  
 Donald E. Cragg, Commissioner

*Tom Scott*  
 Tom Scott, Commissioner

Attest: *Dorothy K. White*  
 Dorothy K. White, County Clerk

Entered on transfer record this 30th day of April, 1984.

*Dorothy K. White*  
 Dorothy K. White, County Clerk

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 2:30 PM on the 15th day of MAY, 1984.

*Betta F. McCart*  
 Betta F. McCart, Register of Deeds

*Fat Kettler*  
 Fat Kettler, Deputy

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Attest: *Dorothy K. White*  
 Dorothy K. White, County Clerk

Entered on transfer record this 30th day of April, 1984.

*Dorothy K. White*  
 Dorothy K. White, County Clerk

20.00

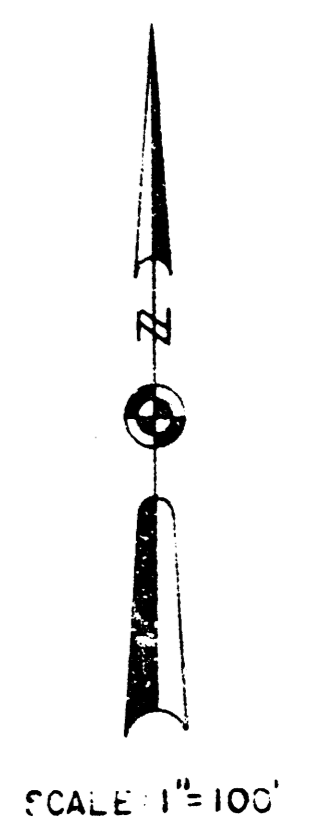
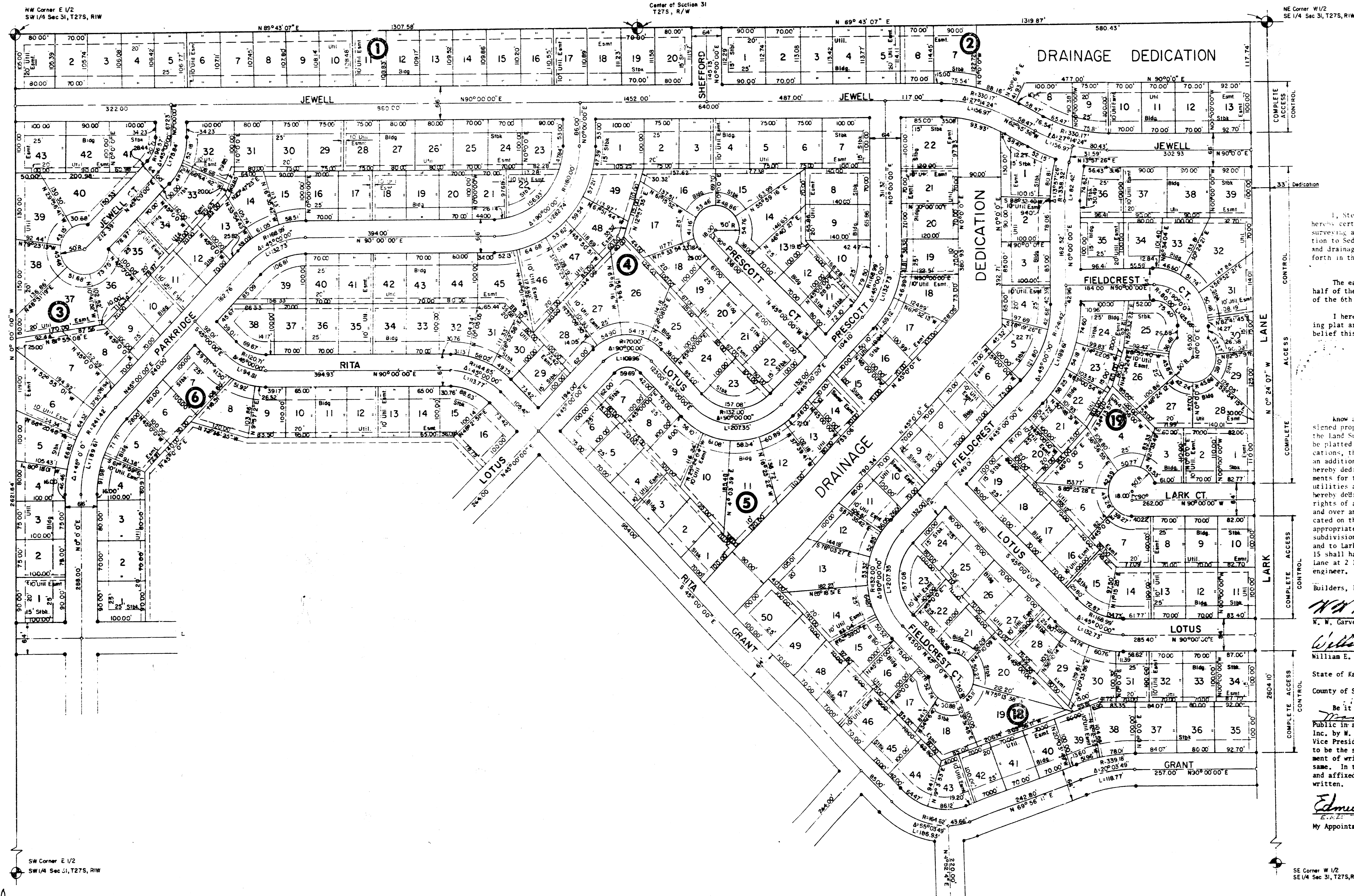
S-3 S-30

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# FINAL PLAT OF PAWNEE MESA ADDITION

AN ADDITION TO SEDGWICK COUNTY, KANSAS



I, Steven E. Anderson, a Land Surveyor in Kansas, do hereby certify that I have been in responsible charge of surveying and plating of "Pawnee Mesa Addition", an addition to Sedgwick County, Kansas into lots, blocks, streets and drainage dedications, the same being accurately set forth in the accompanying plat and described as follows:

The east half of the southwest quarter and the west half of the southeast quarter, Section 31, T 27 S, R 1 W of the 6th P.M., Sedgwick County, Kansas.

I hereby certify that the details of the accompanying plat are correct to the best of my knowledge and belief this 11th day of March, 1980.

By: *Steven E. Anderson*  
 Steven E. Anderson  
 VAN DOREN-HAZARD-STALLINGS  
 260 North Rock Road #250  
 Wichita, Kansas 67206

Know all men by these presents that the undersigned property owners of the land as above set forth in the Land Surveyor's Certificate have caused the same to be platted into lots, blocks, streets and drainage dedications, the same to be known as "Pawnee Mesa Addition", an addition to Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Easements for the construction and maintenance of public utilities are hereby granted. Drainage dedications are hereby dedicated for drainage purposes. All outlots rights of access over and across the north line of Pawnee and over and across the west line of Lark Lane as indicated on the accompanying plat are hereby granted to the appropriate governing body, provided, however, that the subdivision shall have access to Pawnee at 6 locations and to Lark Lane at 6 locations, as shown. Lot 1, Block 15 shall have access to Pawnee at 3 locations and Lark Lane at 2 locations to be determined by the appropriate engineer.

Builders, Inc.  
*W. W. Garvey*  
 W. W. Garvey, President  
*William E. Morin*  
 William E. Morin, Vice President  
 State of Kansas, ss:  
 County of Sedgwick,

Be it remembered that on this 11th day of March, 1980 before me, a Notary Public in and for said State and County, came Builders, Inc. by W. W. Garvey, President and William E. Morin, Vice President of Builders, Inc., 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 this day and year above written.

*Edmund J. Cerniak*  
 Edmund J. Cerniak, Notary Public  
 My Appointment Expires: 12-10-81

EDMUND J. CERNAK  
 STATE NOTARY PUBLIC  
 SEDGWICK COUNTY, KANSAS  
 MY APPT. EXP. DEC. 10, 1981

40.00  
 Protective Covenants F 436 pg. 1567  
 Amend to Protective Covenants F 462 pg. 109  
 Amen/Protective Covenants F 530 P 138  
 Set of Covenants & Restrictions F 665 Pg 617

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