

STORM SEWER PLANS FOR HUNTINGTON PLACE

S.W.S. NO. 314 PROJECT NO. 468-76-245-81584-000-000-001

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

GENERAL NOTES

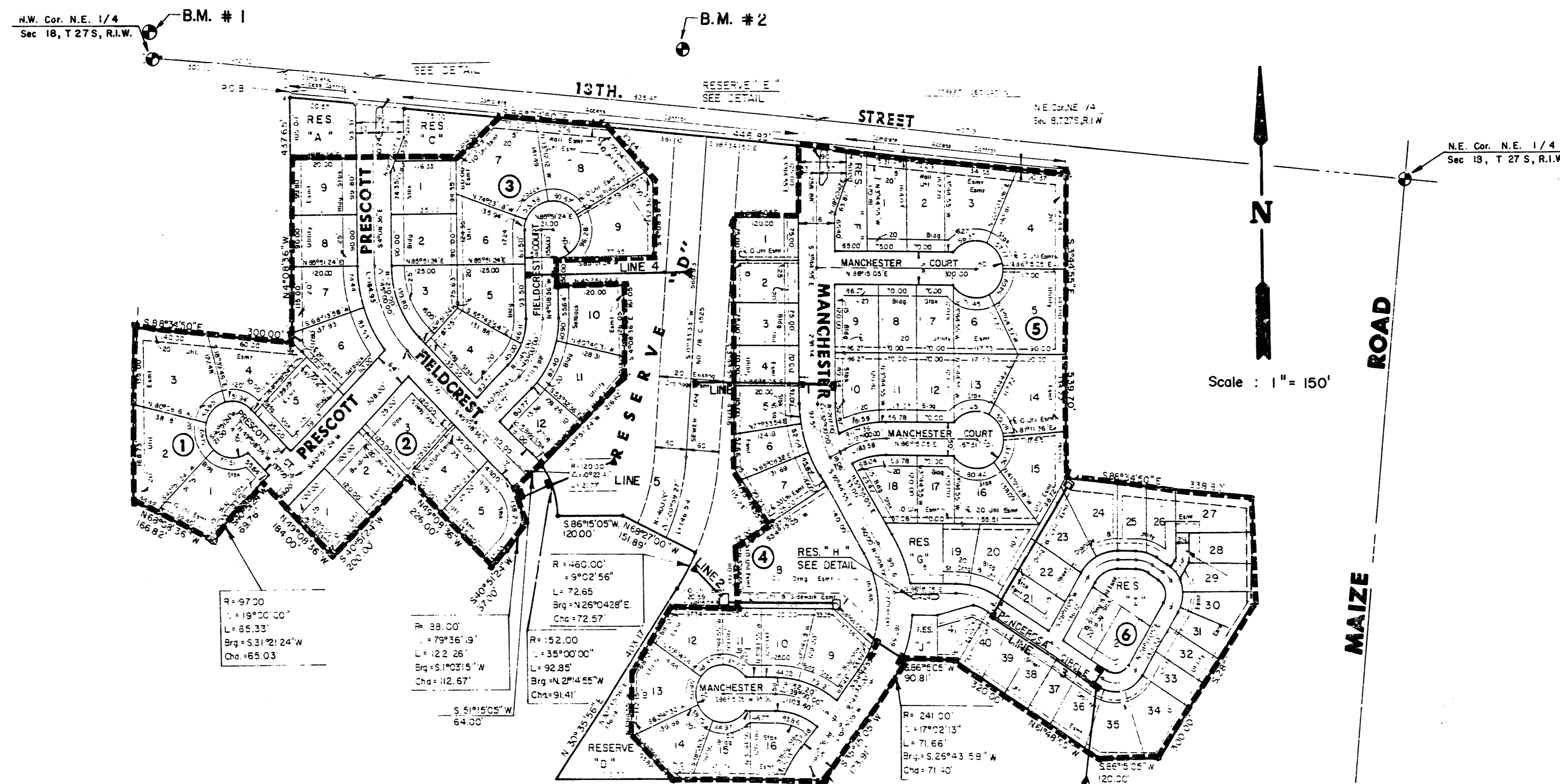
1. THE TOPS OF INLETS AND MANHOLES AS NOTED ON THE PLANS MAY VARY SO AS TO MEET PROPOSED TOP OF CURB ELEVATIONS OR PAVEMENT ELEVATIONS. THE FIELD ENGINEER SHALL LOCATE INLETS AND MANHOLES WITH REFERENCE TO PROPOSED PAVING PLANS OF THE PERTINENT STREETS.
2. ALL CONCRETE SHALL BE STANDARD PAVING MIX UNLESS OTHERWISE NOTED.
3. 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.
4. TREES TO BE REMOVED ARE MARKED WITH AN "X". ALL TREES WHICH IN THE OPINION OF THE FIELD ENGINEER CAN BE SAVED, SHALL BE SAVED.
5. CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF CONSTRUCTION SCHEDULING.
6. 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:

ARKLA GAS COMPANY	942-8350
BELL TELEPHONE	1-316-571-2115
CABLEVISION	262-0661
KPL GAS SERVICE COMPANY	263-7511
KANSAS GAS & ELECTRIC	254-1142
KANSAS ONE-CALL	1-800-344-1133
CITIES SERVICE	524-0491
KANSAS GAS SUPPLY	316-254-7243
CONTINENTAL PIPELINE COMPANY	316-821-2031
CO-OP REFINERY PIPELINE	316-221-2137

BENCH MARKS

- B.M. # 1:** 1/2 mile east of 119th St. West @ 13th St.
City of Wichita Bench Mark Disc. due north of 1/4
Section Corner, 8' north of H.L. Pole east-west, 40.6' north
of centerline 13th Street.
ELEV. = 158.73
- B.M. # 2:** Chisled "D" on Top of Curb at West end return, S.W. Corner
13th @ Parkdale
ELEV. = 156.24

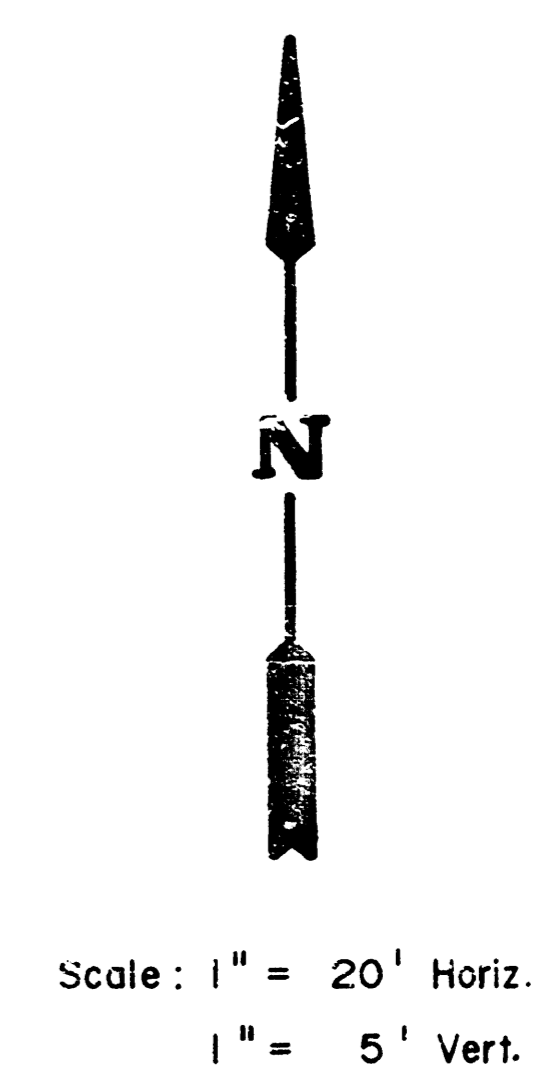
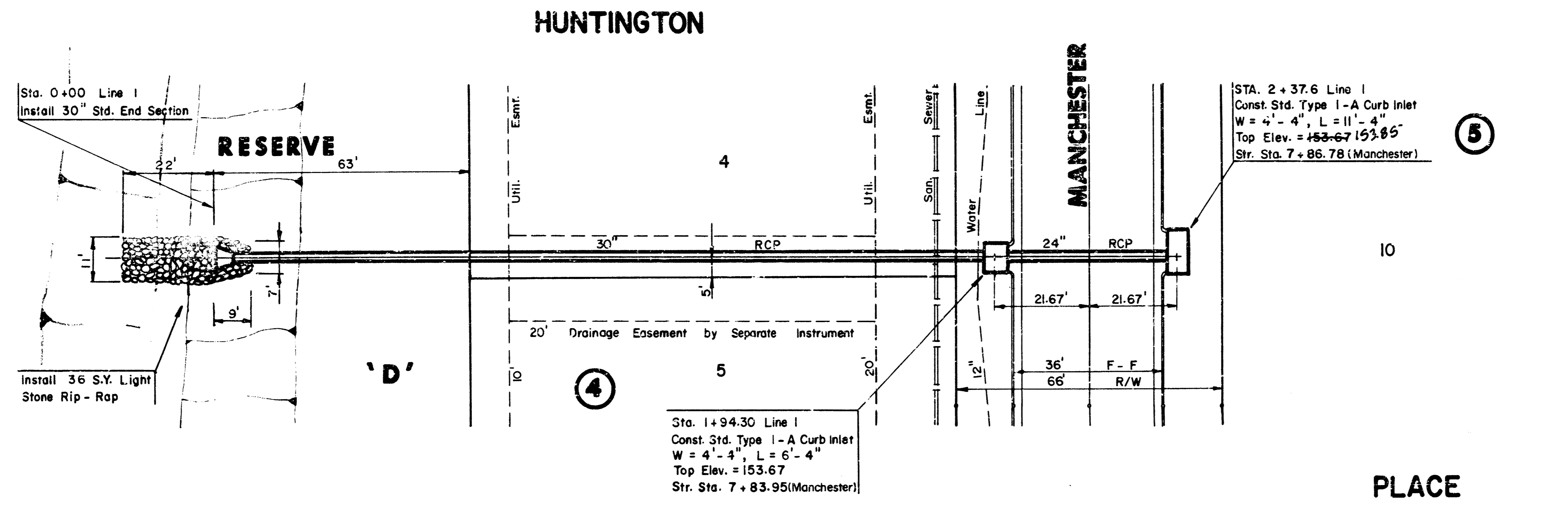


INDEX TO DRAWINGS

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7	PLAN LINE 5
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10	TYPE I-A CURB INLET 1-A (6"x5'-0")
11	TYPE I-A CURB INLET 1-A (6"x10'-0")
12-13	FINAL PLAT

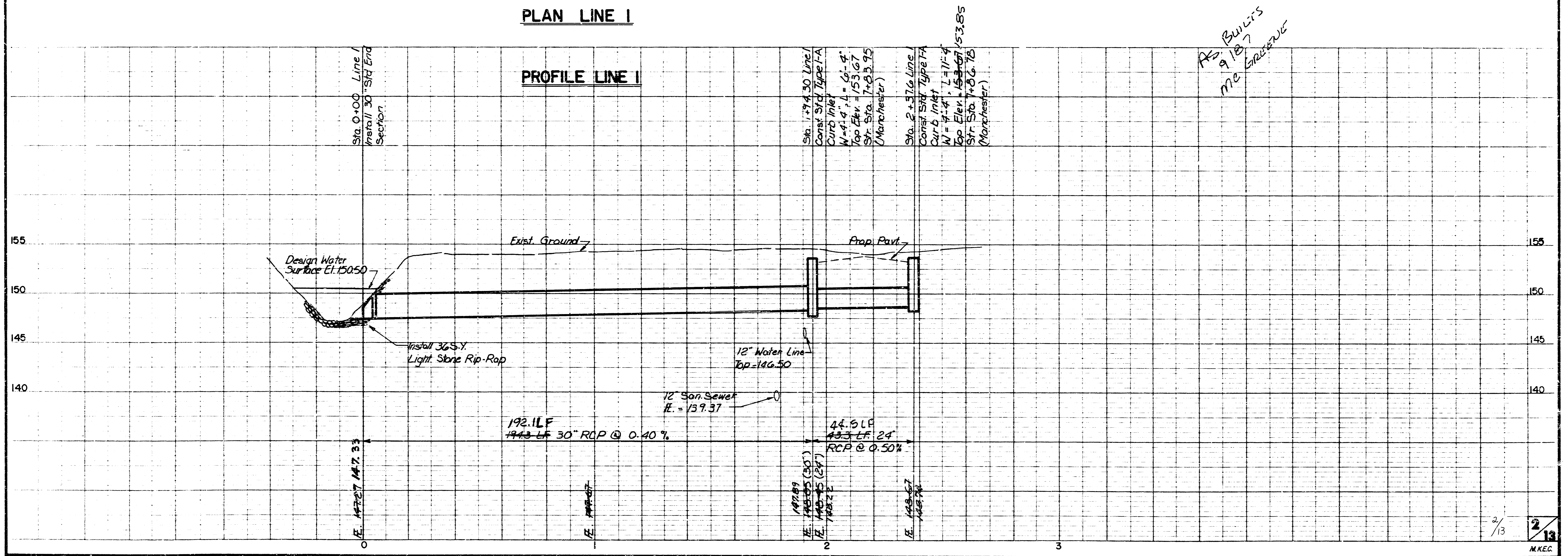
	HUNTINGTON PLACE STORM SEWER PLANS	Design: F.B.N. Drawn by: F.F. Checked by: K.H.B. Date: Sept. 1986 Scale:
	MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226	Sheet 1 of 13

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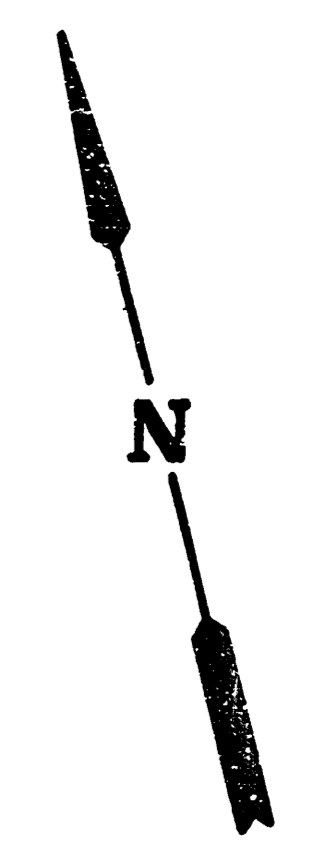


PLAN LINE 1

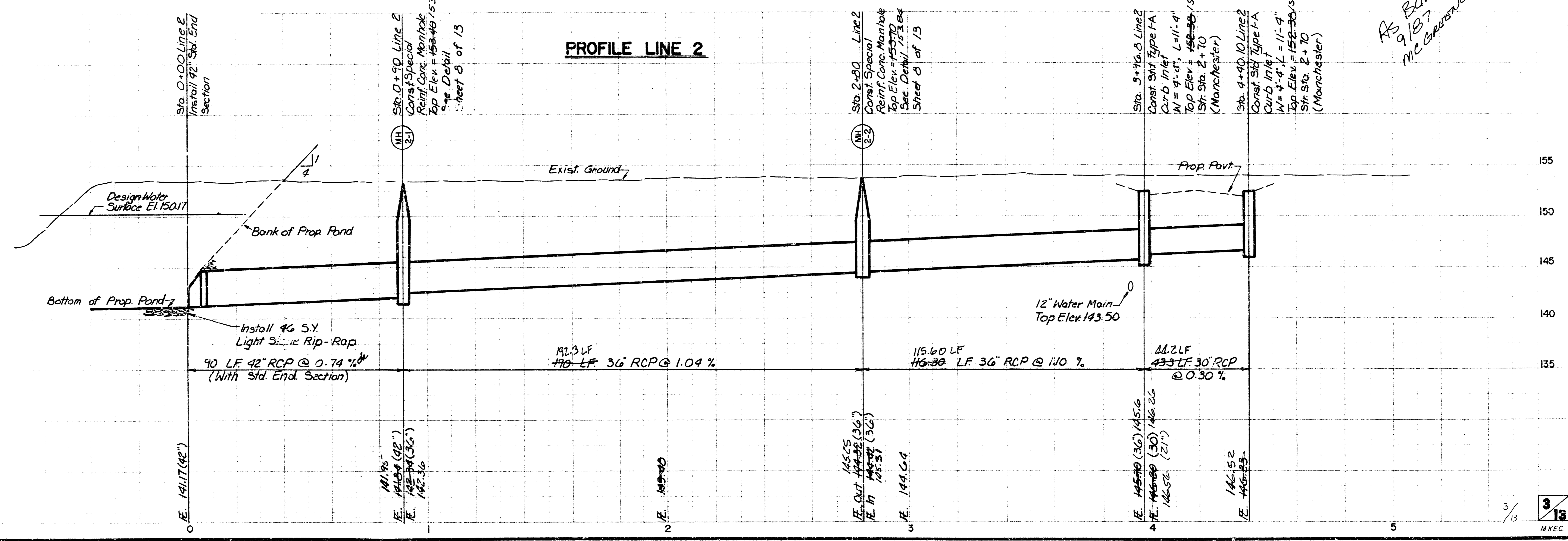
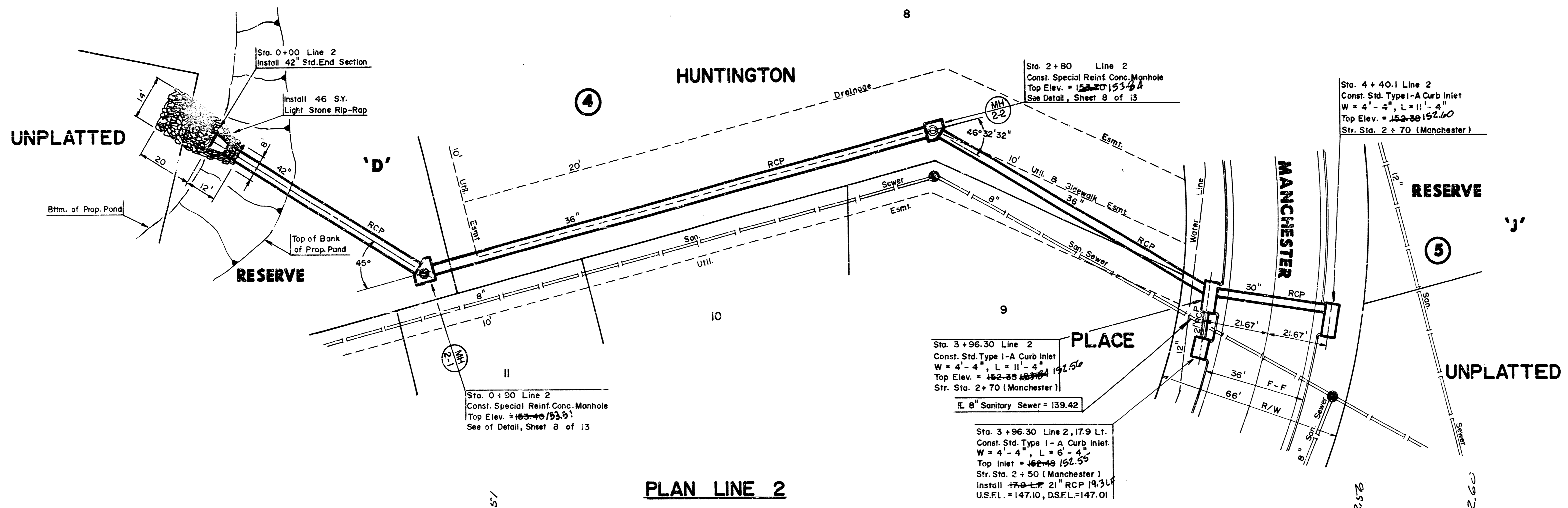
PROFILE LINE 1



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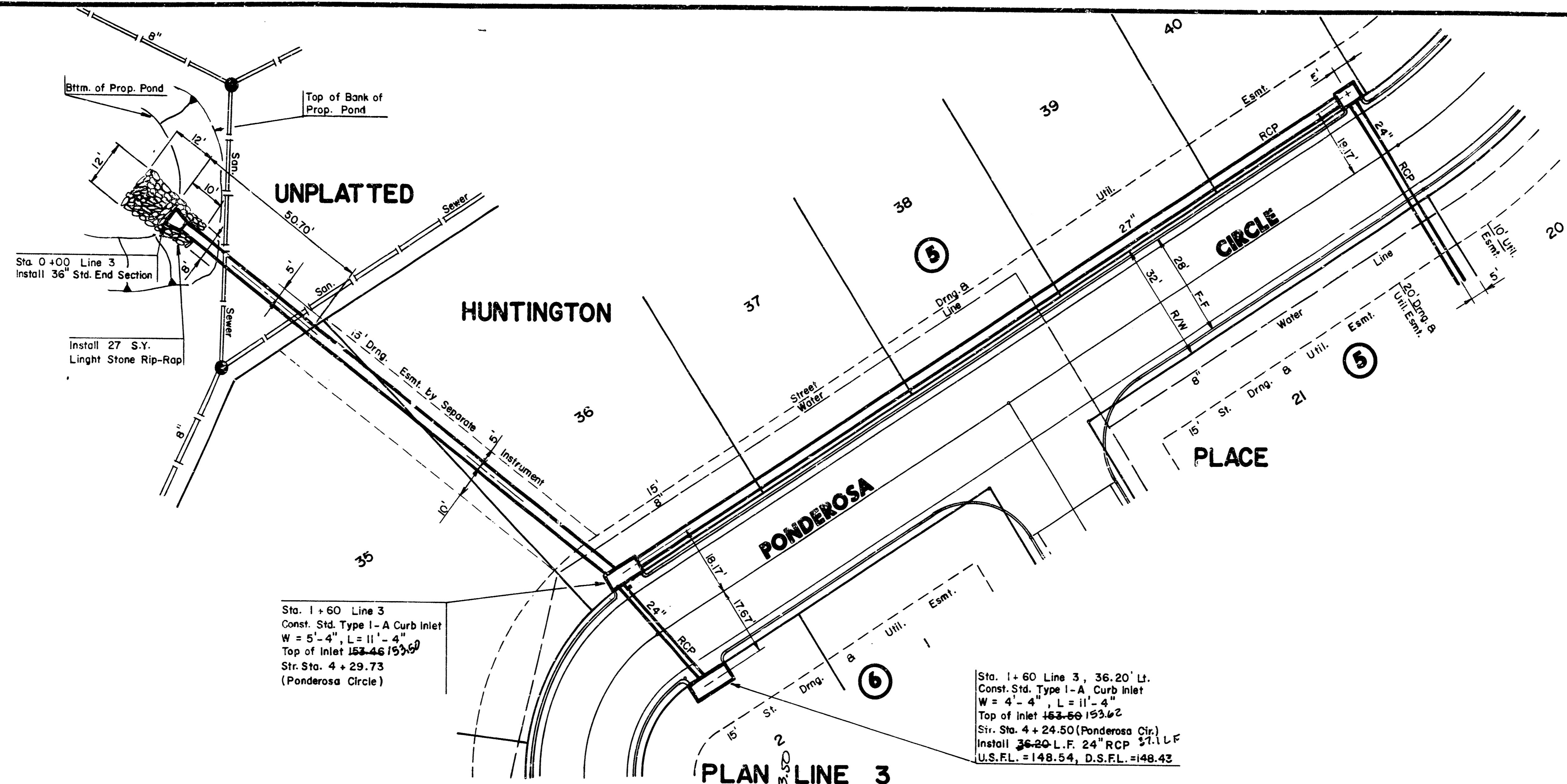
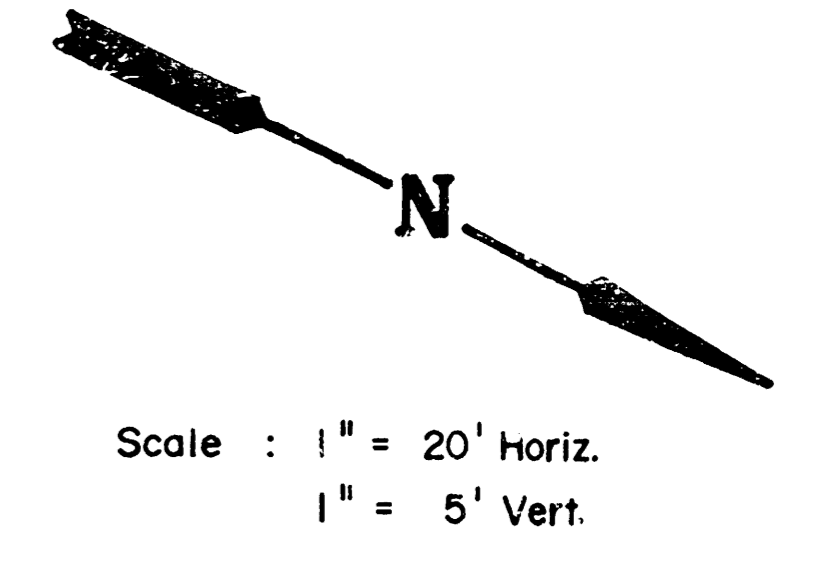


Scale: 1" = 20' Horiz.
 1" = 5' Vert.



*AS BUILT
 9/87
 M.C. GOSWAMI*

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 AVAILABLE COPY

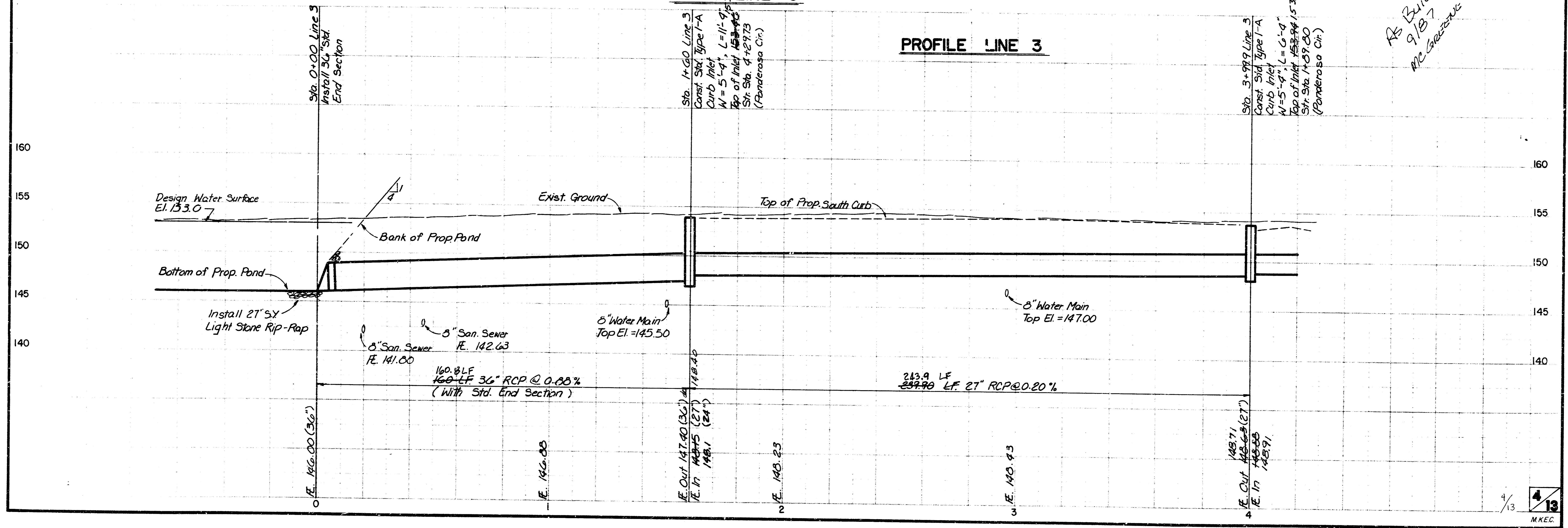


Sta. 1+60 Line 3
 Const. Std. Type I-A Curb Inlet
 W = 5'-4", L = 11'-4"
 Top of Inlet 153.46
 Str. Sta. 4+29.73
 (Ponderosa Circle)

Sta. 1+60 Line 3, 36.20' L.
 Const. Std. Type I-A Curb Inlet
 W = 4'-4", L = 11'-4"
 Top of Inlet 148.50
 Str. Sta. 4+24.50 (Ponderosa Cir.)
 Install 36.20' L.F. 24" RCP 5/11 L.F.
 U.S.F.L. = 148.54, D.S.F.L. = 148.43

PLAN LINE 3

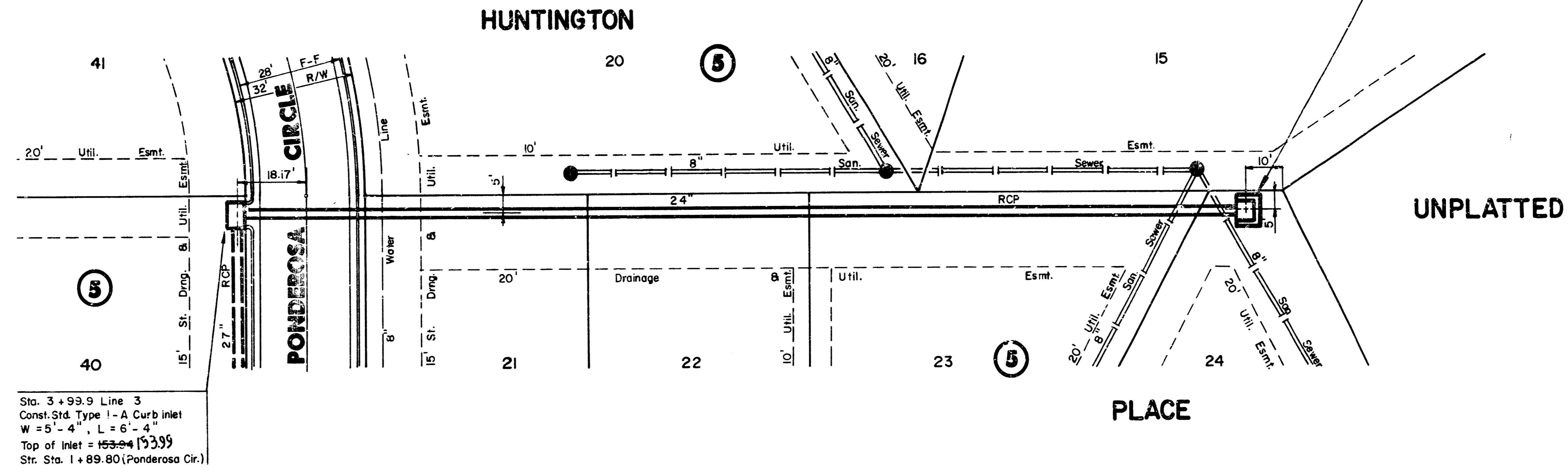
PROFILE LINE 3



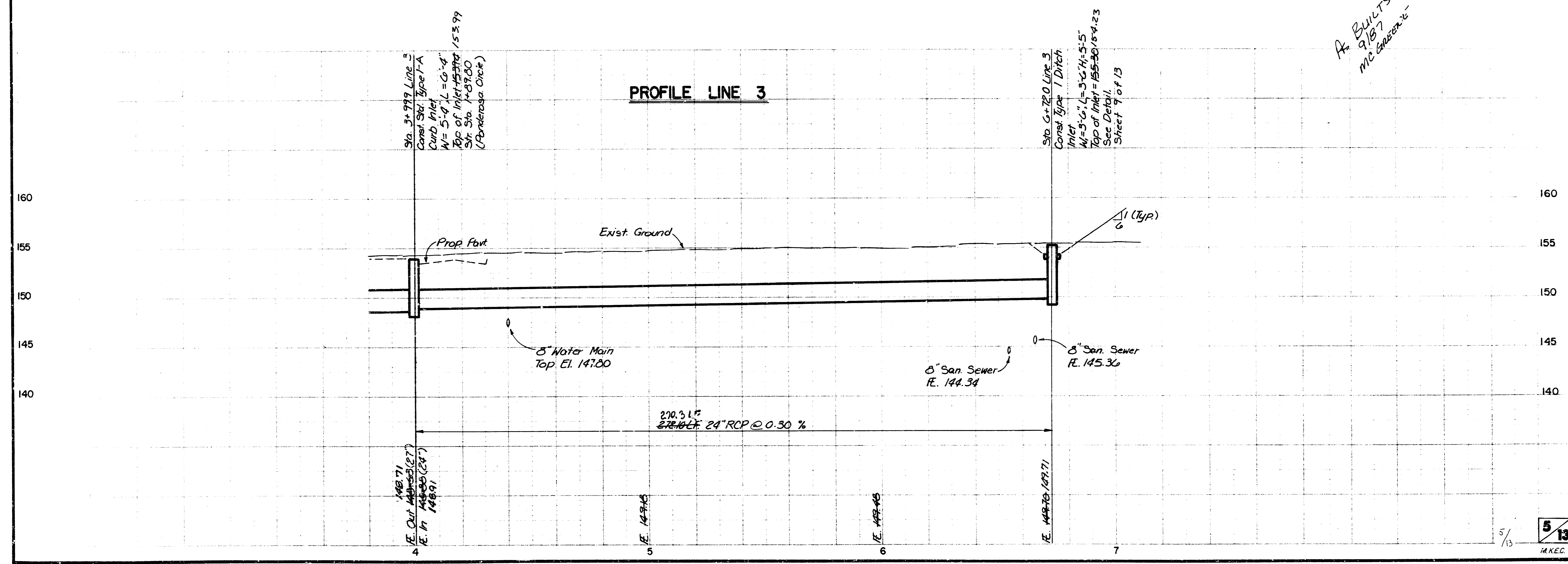
*AS BUILTS
 9/18/77
 MC GEE*

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Sta. 6+72.0 Line 3
 Const. Type 1 Ditch Inlet
 W. = 3'-6", L. = 3'-6", H. = 5'-3"
 Top of Inlet = 155.30 158.23
 See Detail, Sheet 9 of 13



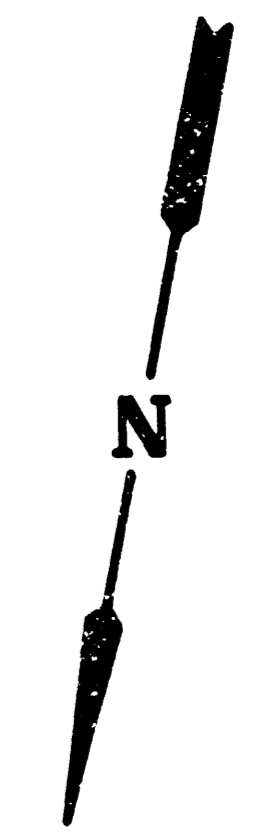
PLAN LINE 3



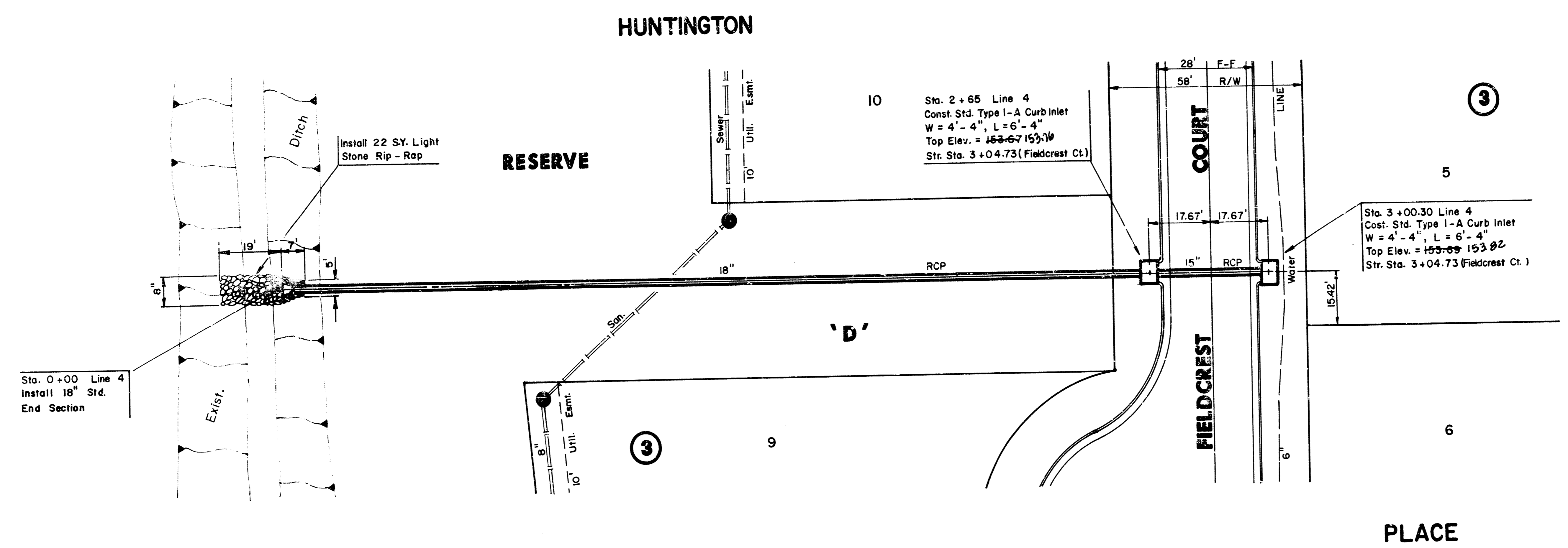
PROFILE LINE 3

*A. BULLTS
 9/87
 m/c*

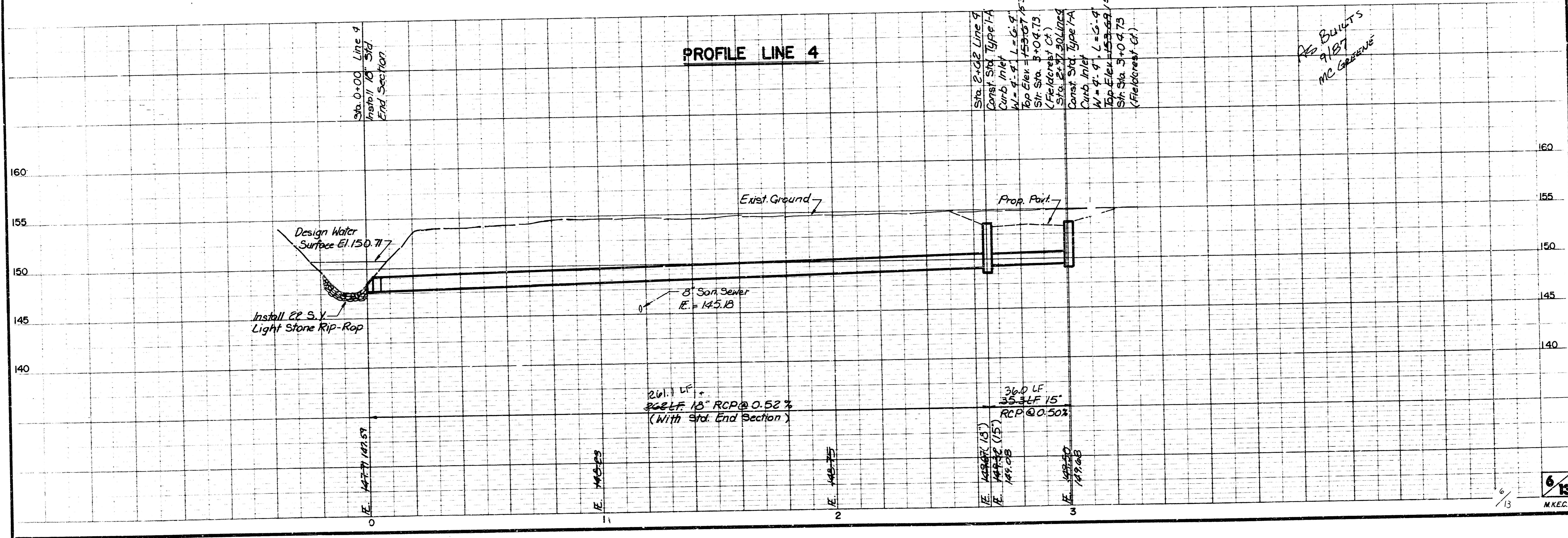
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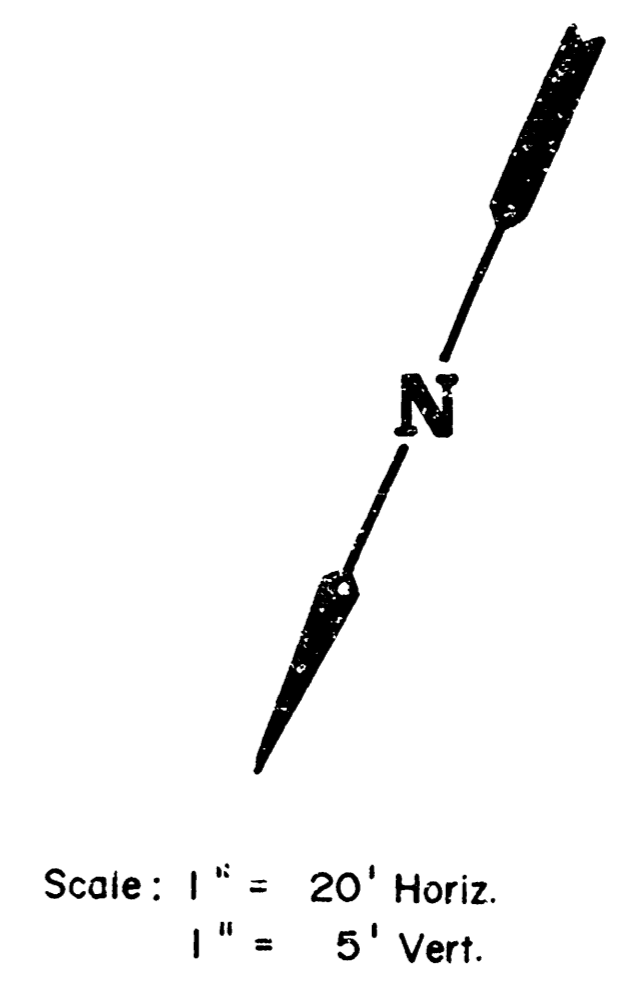
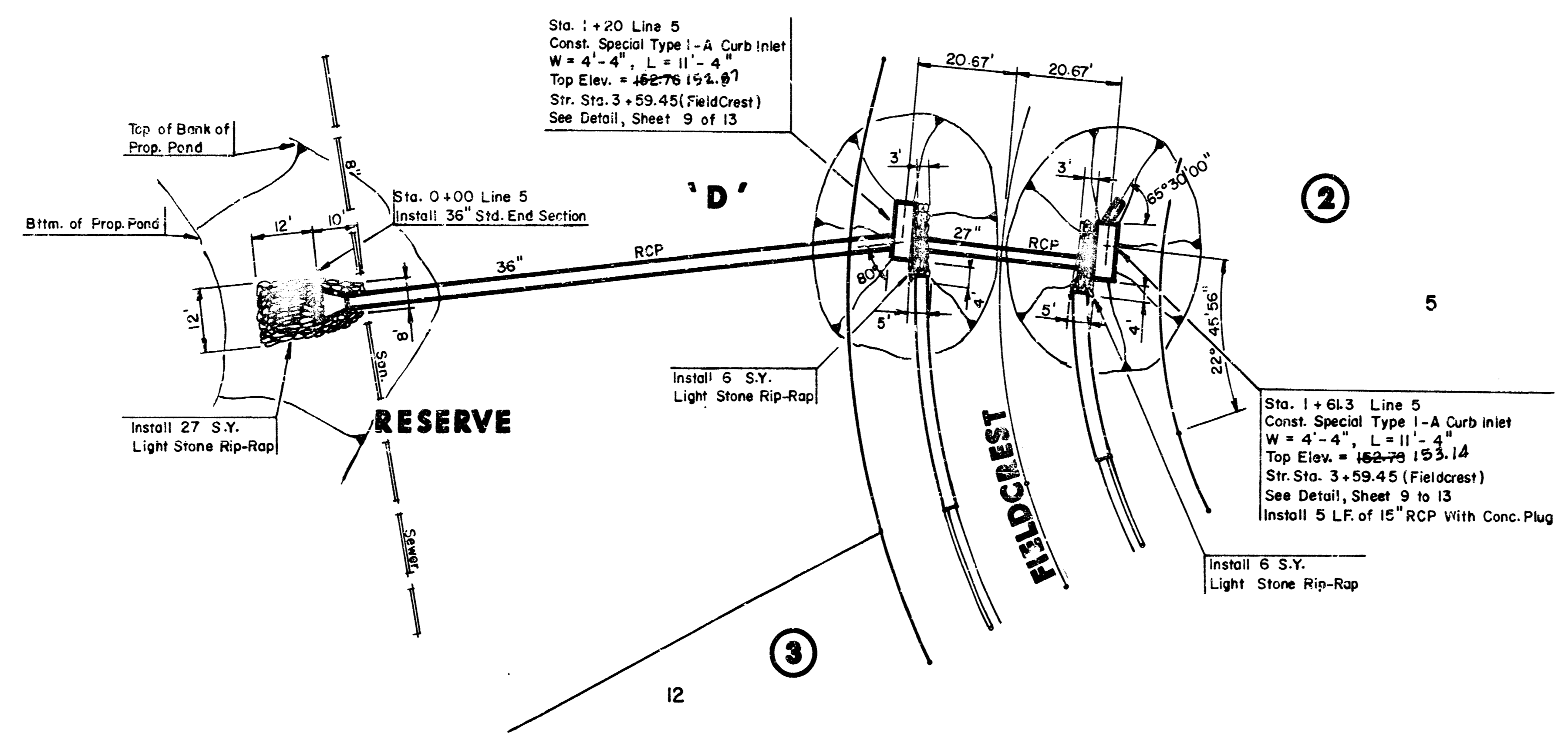
Scale : 1" = 20' Horiz.
 1" = 5' Vert.



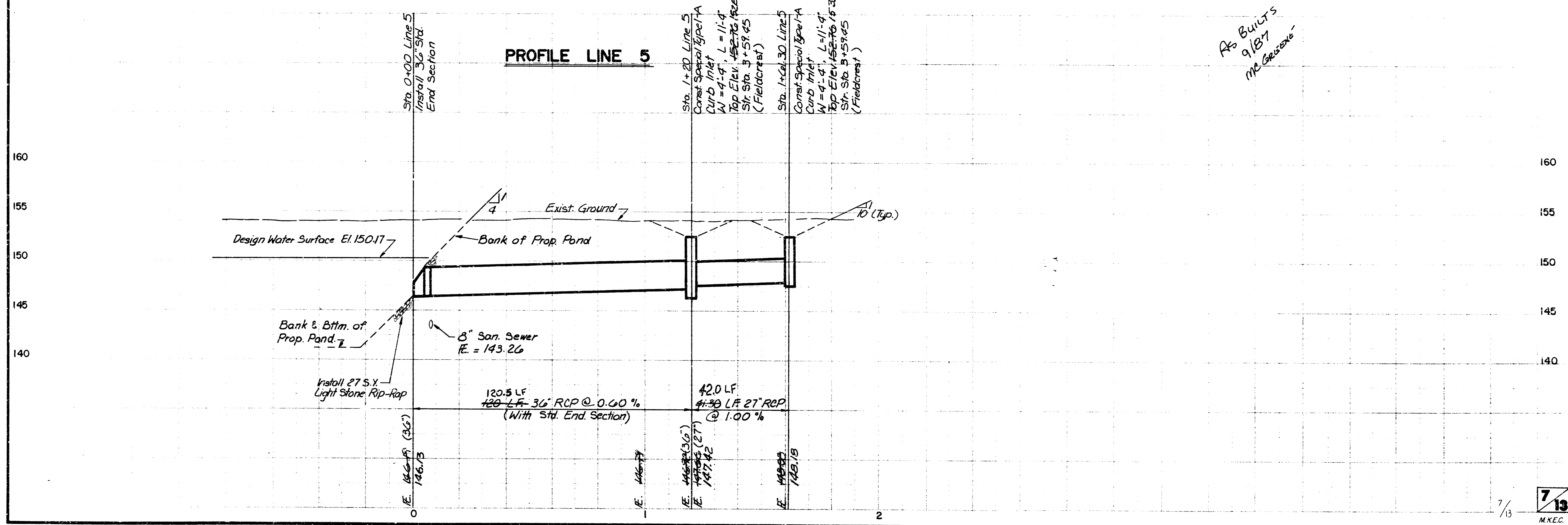
PLAN LINE 4



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PLAN LINE 5

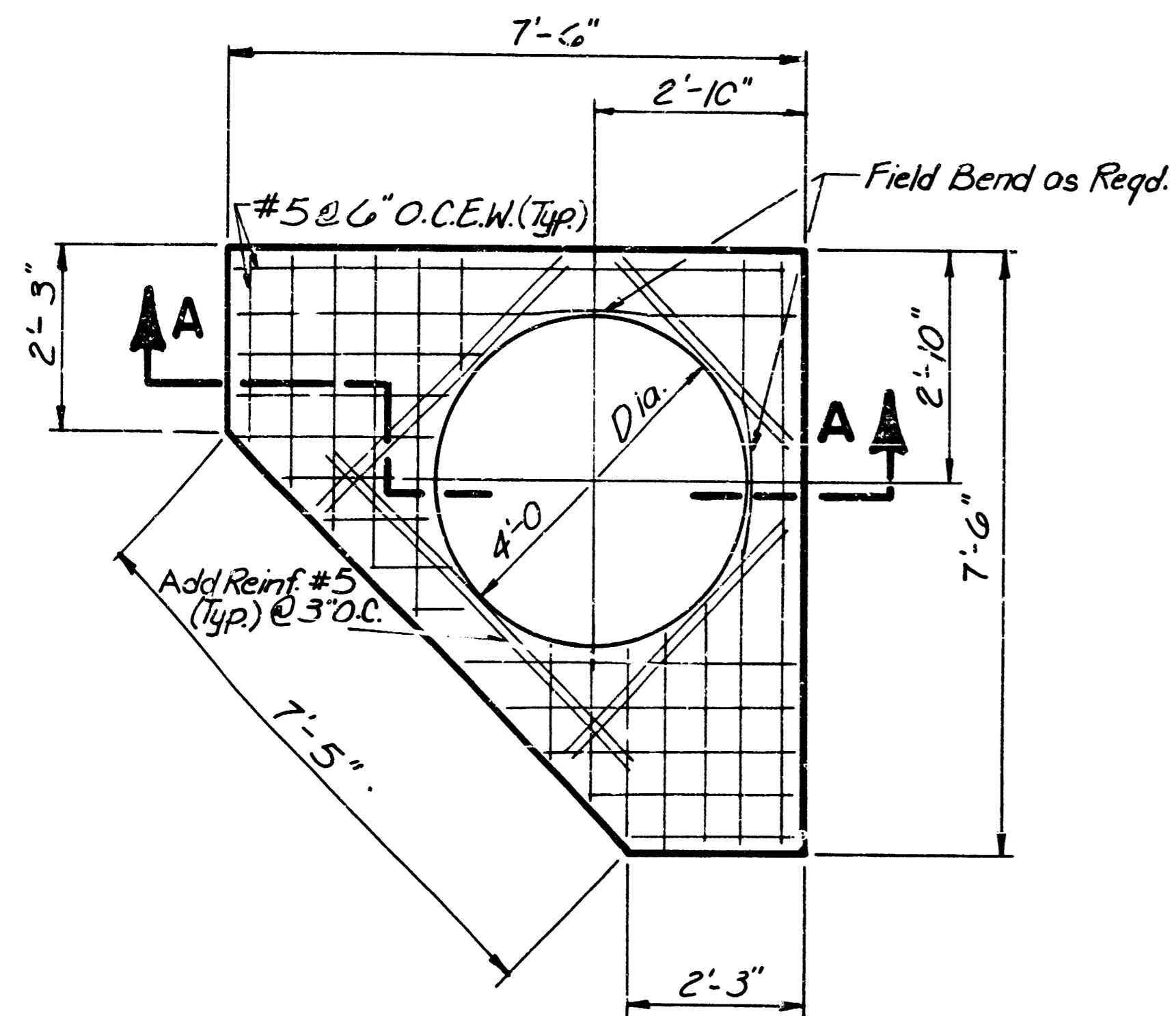


As BUILT
 9/18/77
 M.C. GEISLER

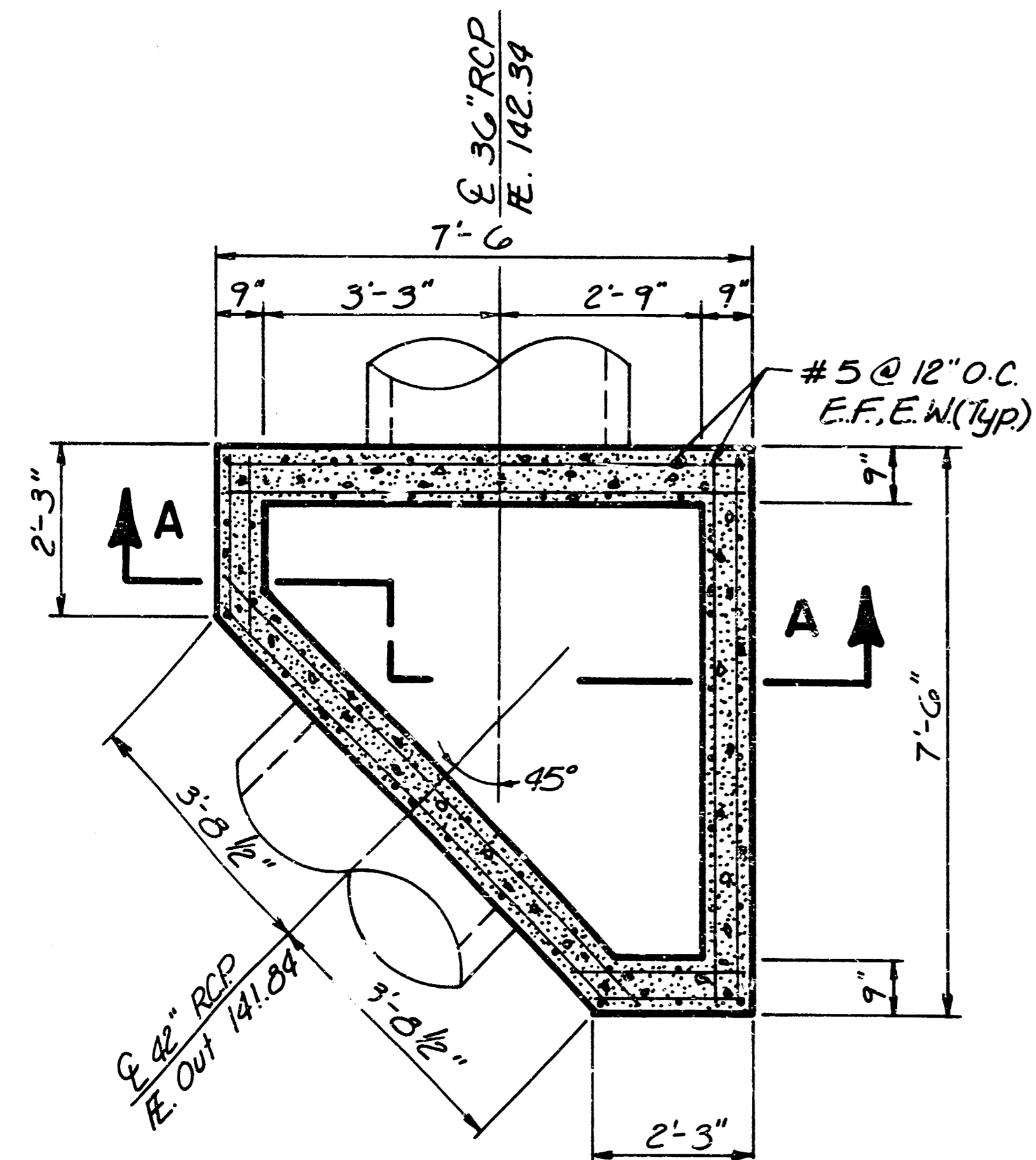
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SPECIAL REINFORCED CONCRETE MANHOLE 2-1

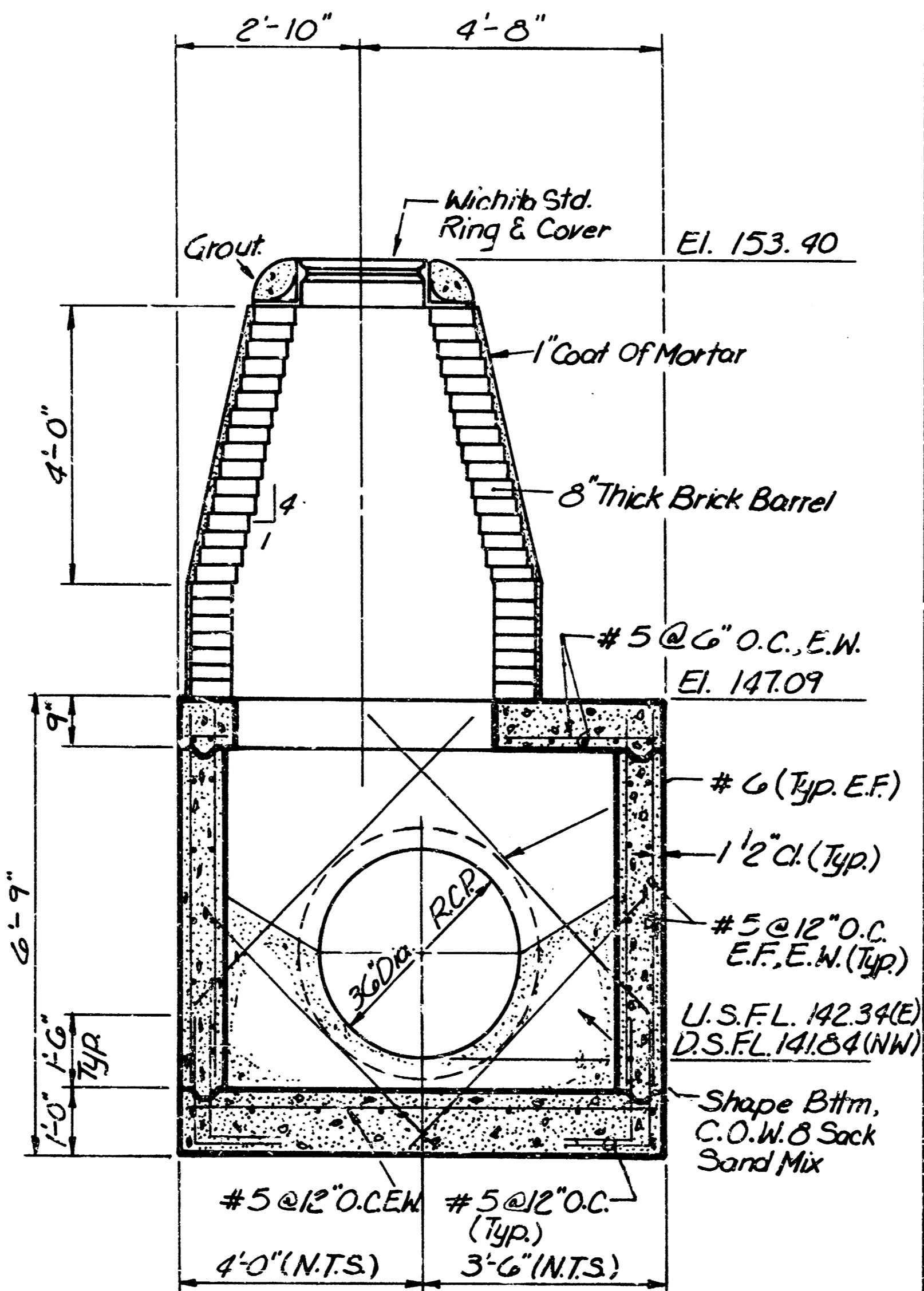
STATION 0+90, LINE 2



TOP SLAB PLAN



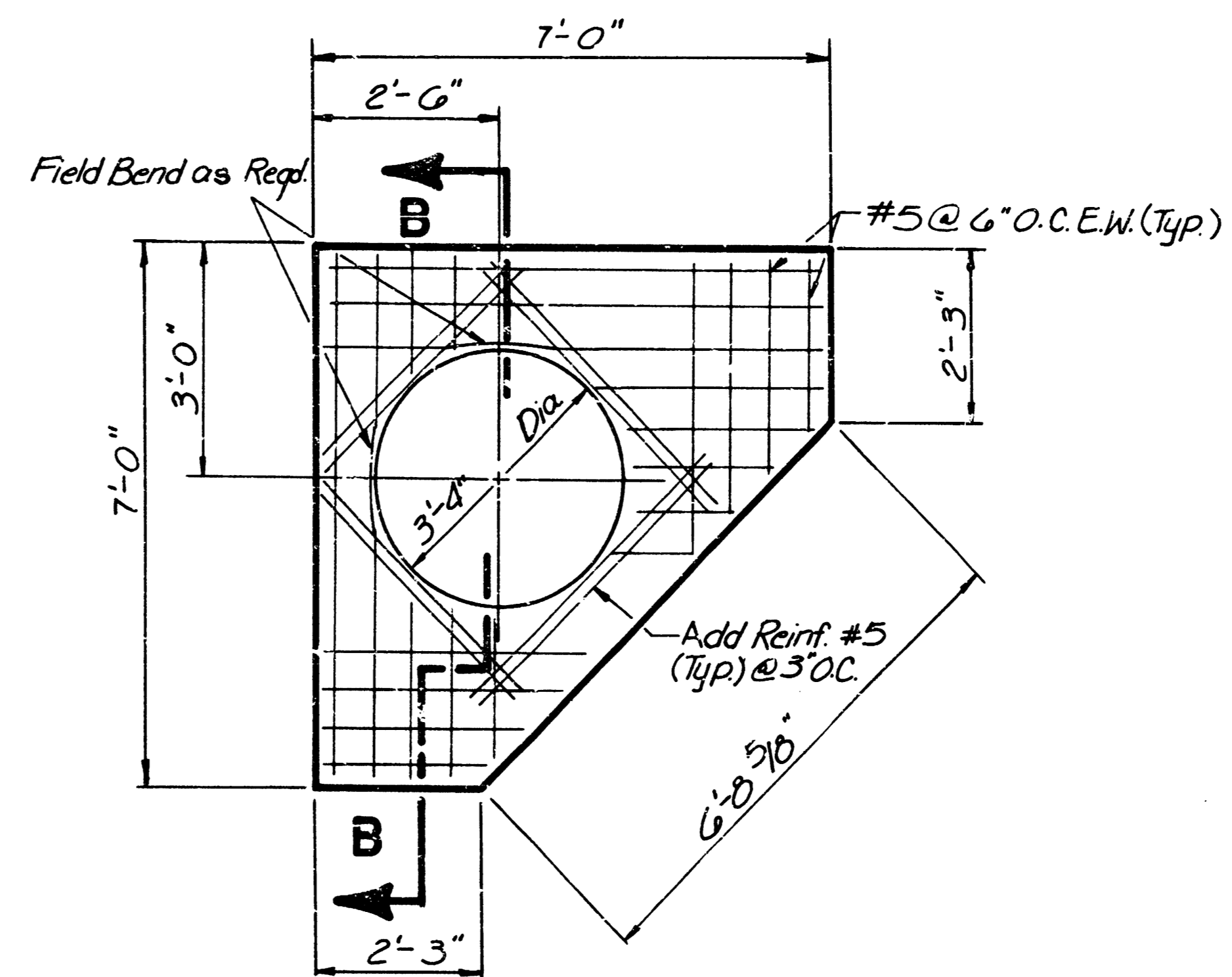
PLAN VIEW



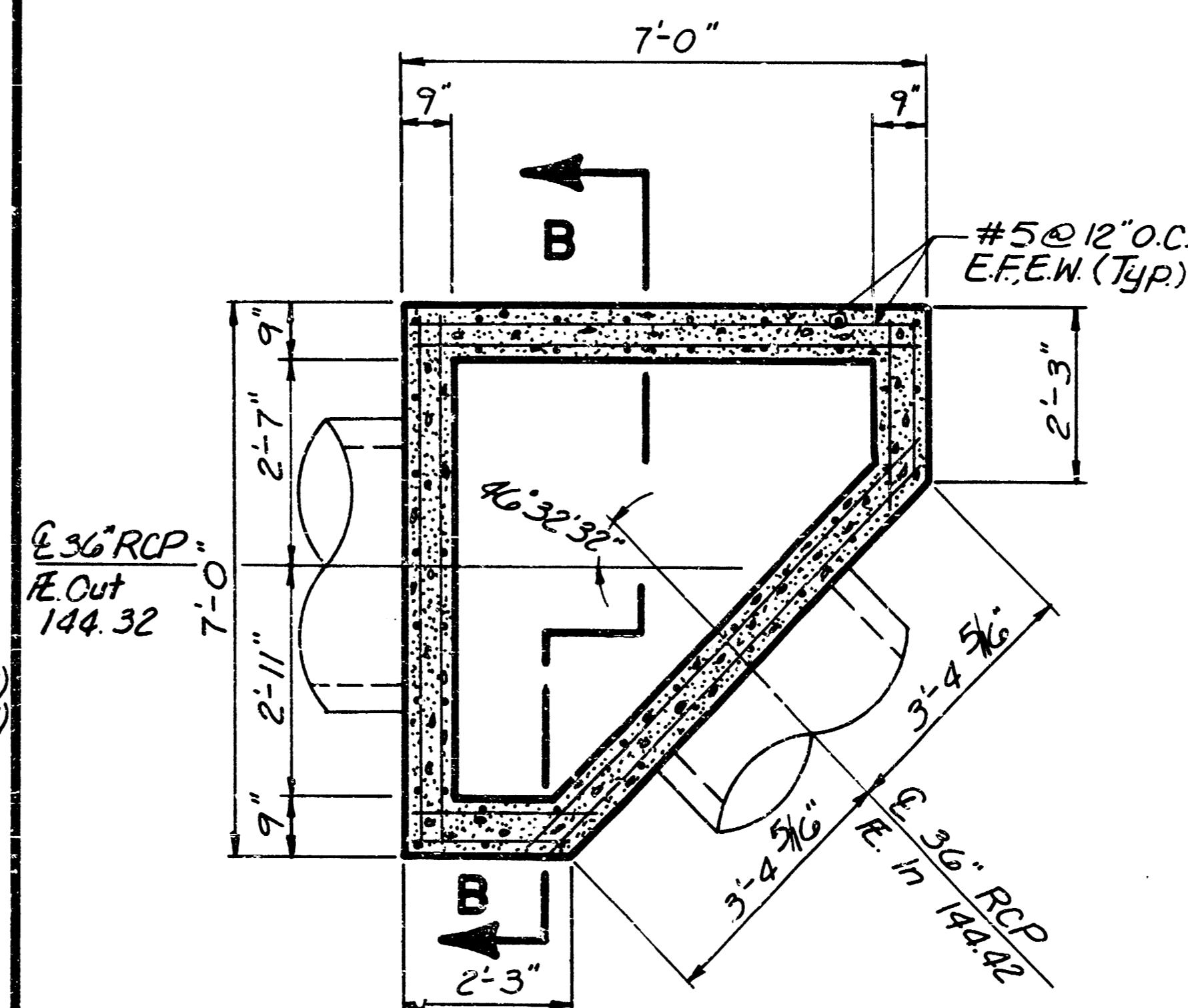
SECTION A

SPECIAL REINFORCED CONCRETE MANHOLE 2-2

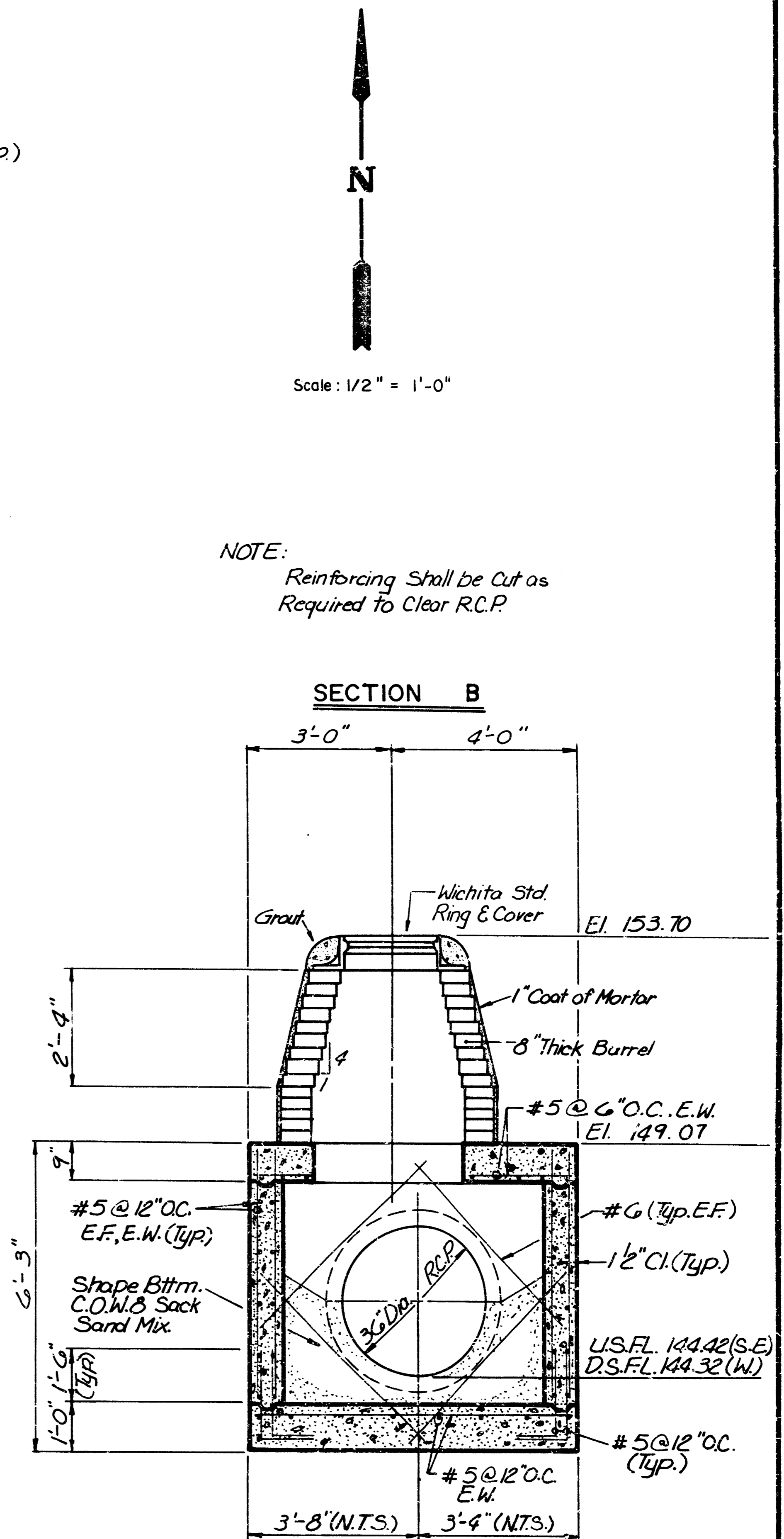
STATION 2+80 LINE 2



TOP SLAB PLAN



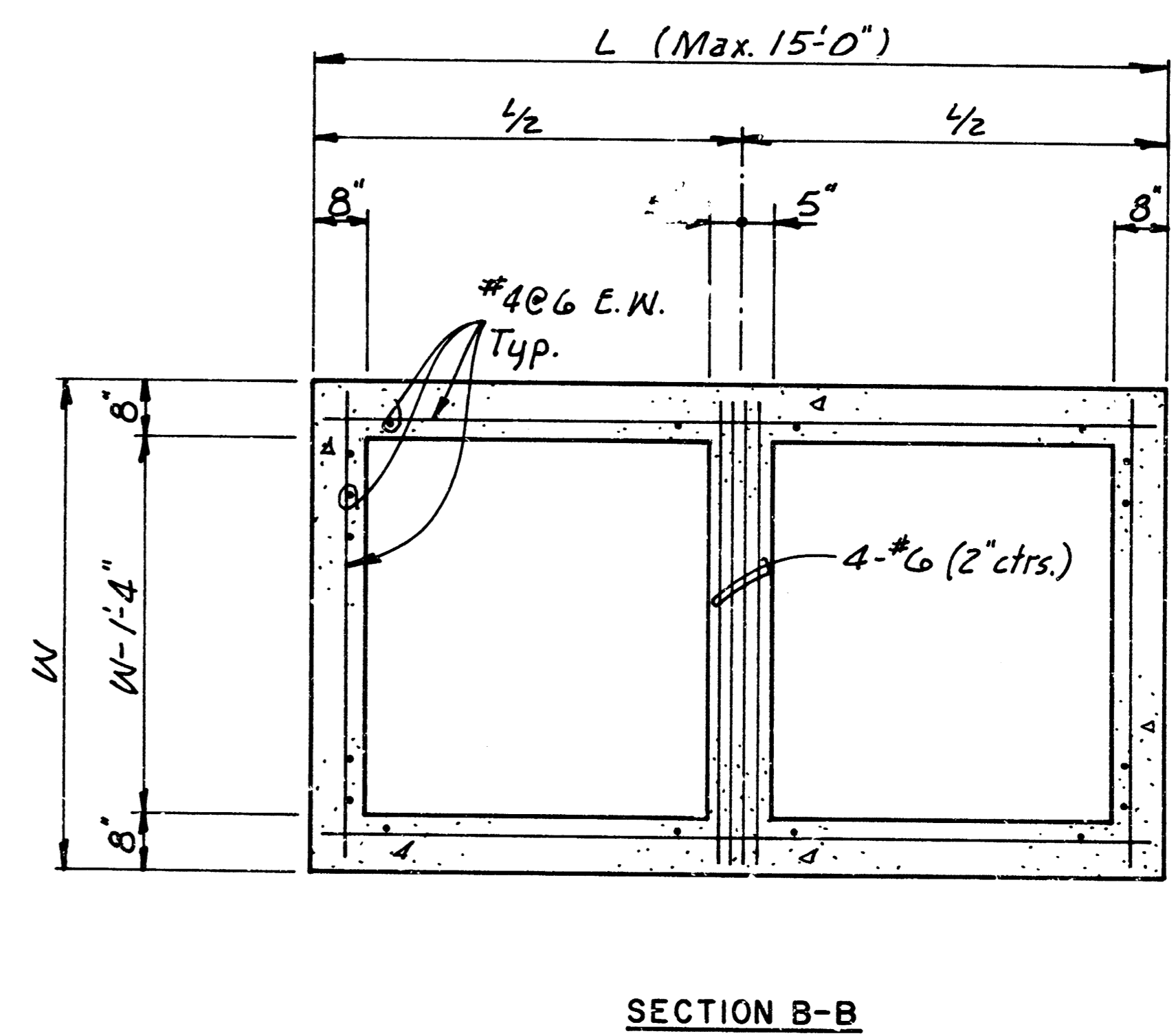
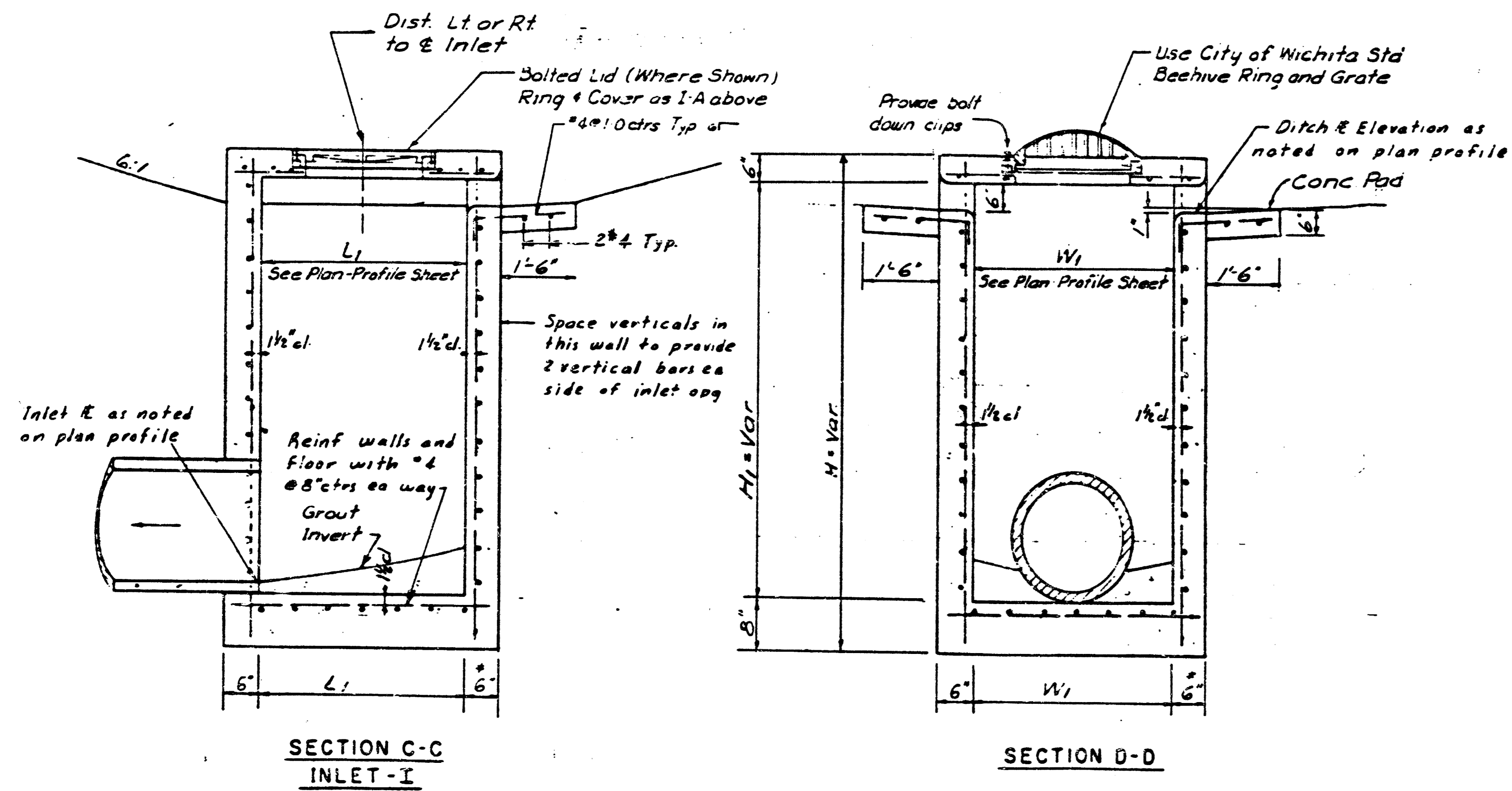
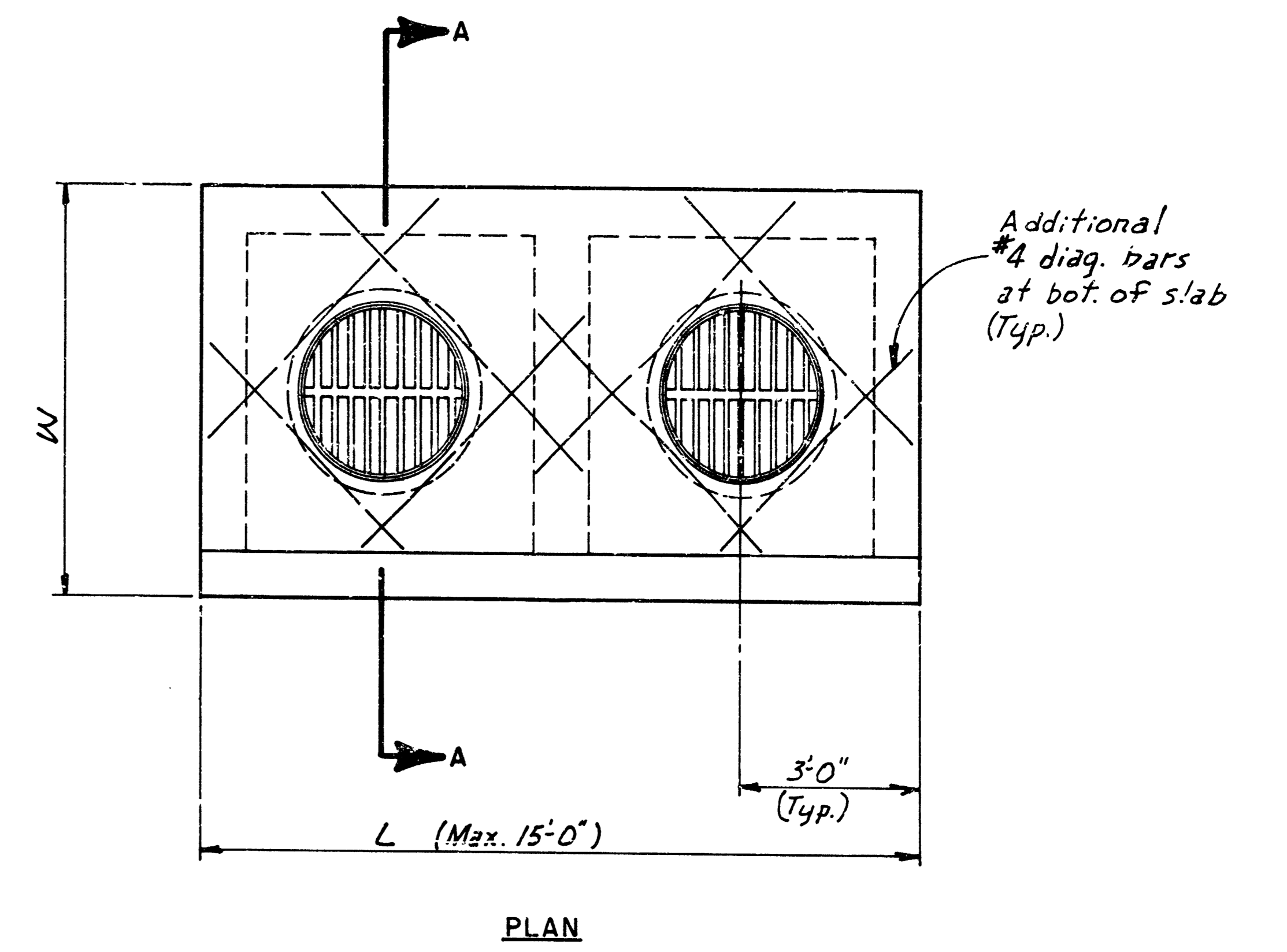
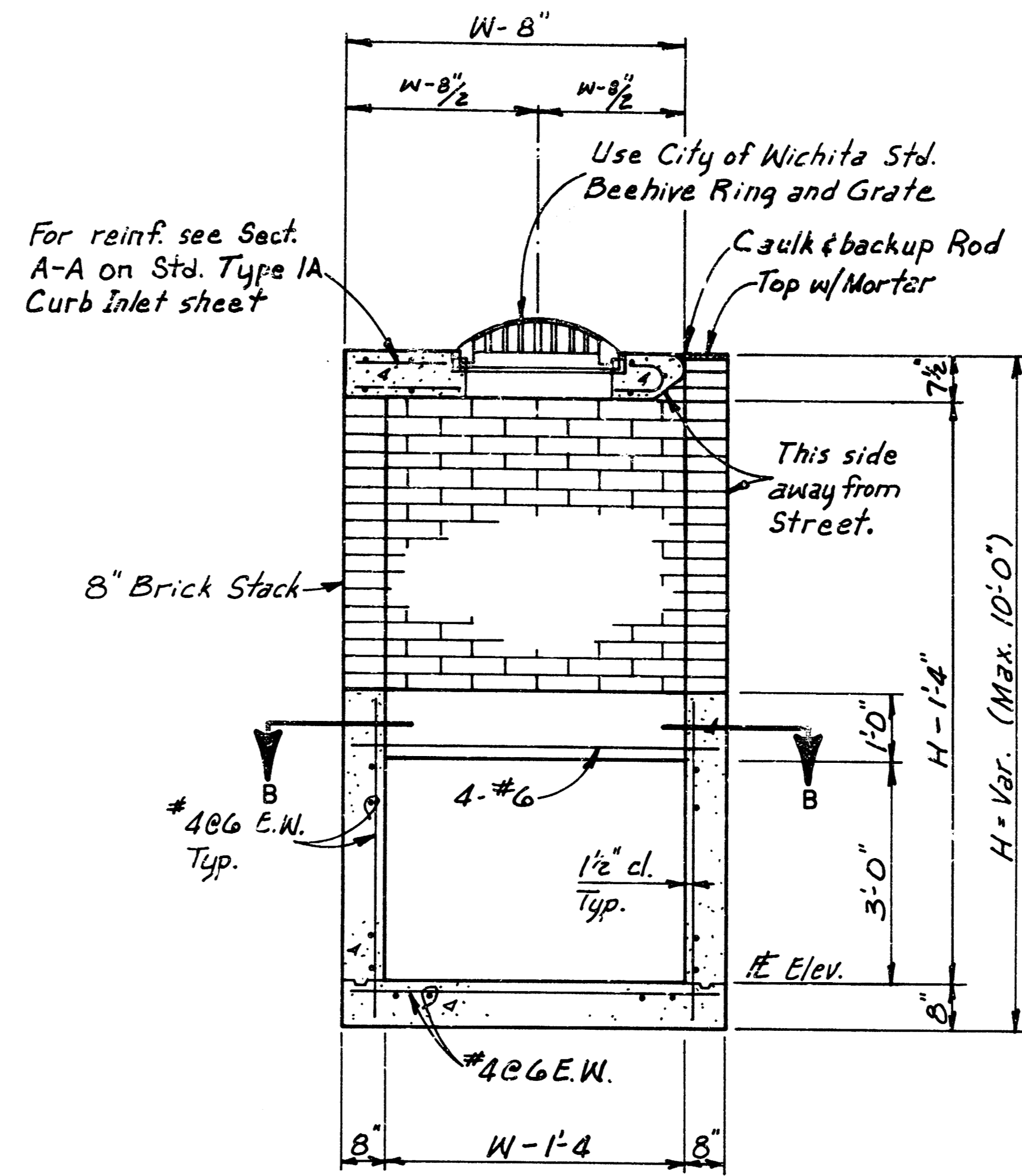
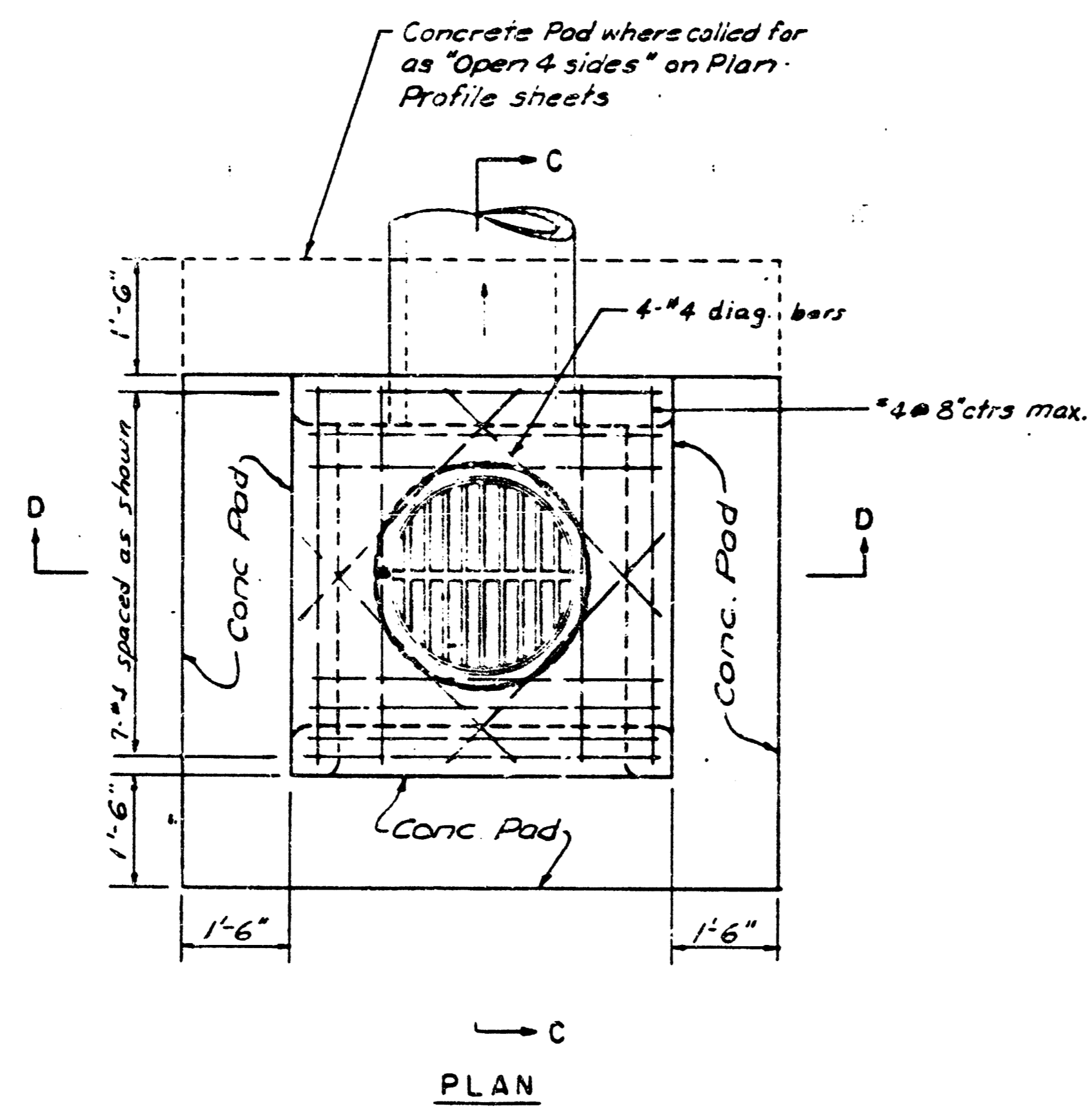
PLAN VIEW



SECTION B

	HUNTINGTON PLACE		Design
	S.W.S. DETAILS		Drawn by
			Checked by
			Date
		Job no.	
MID-KANSAS ENGINEERING CONSULTANTS PA 3500 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67223			Sheet 8 of 13

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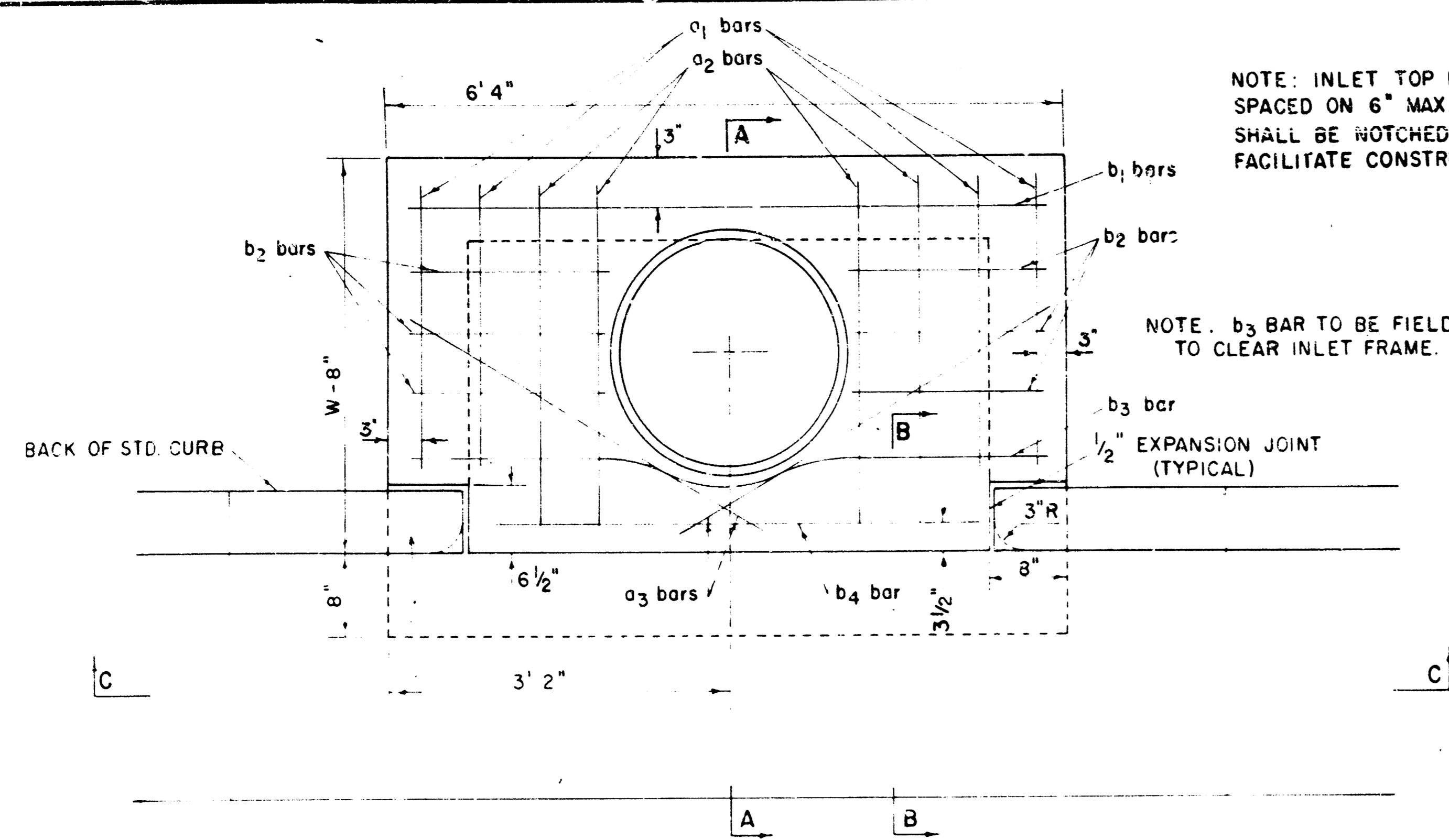
DITCH INLET TYPE I

† Where dimension "H₁" is greater than 6', use 8" wall thickness.

SPECIAL CURB INLET

	HUNTINGTON PLACE		Design
	S.W.S. DETAILS		Drawn by
			Checked by
			Date
		Job no.	
MID-KANSAS ENGINEERING CONSULTANTS PA 3503 NORTH ROCK ROAD BUILDING #800 WICHITA, KANSAS 67226			Sheet 9 of 13

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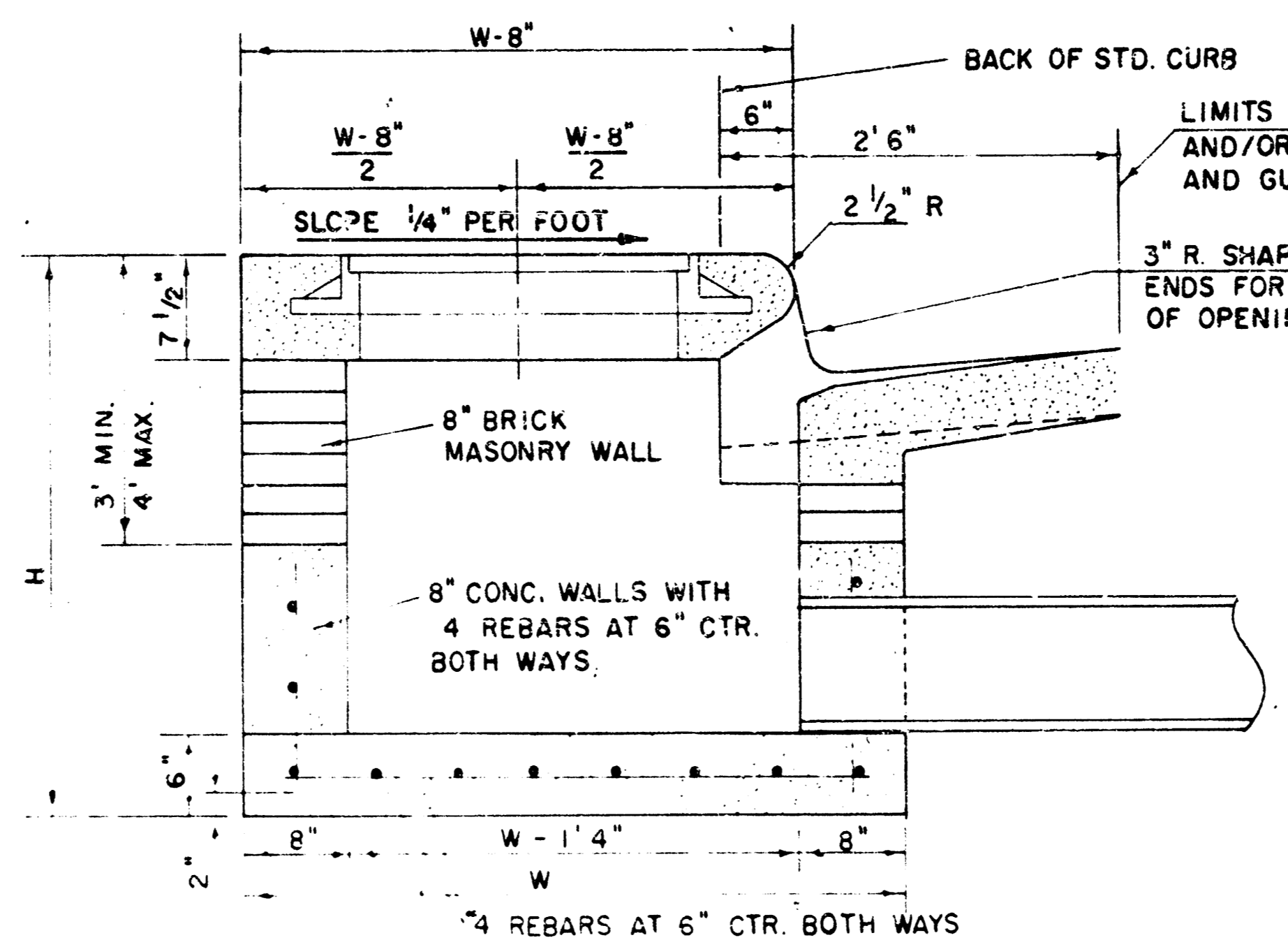
PLAN

WARP CURB TO MATCH INLET TOP WITH 1' MIN. TRANSITION LENGTH

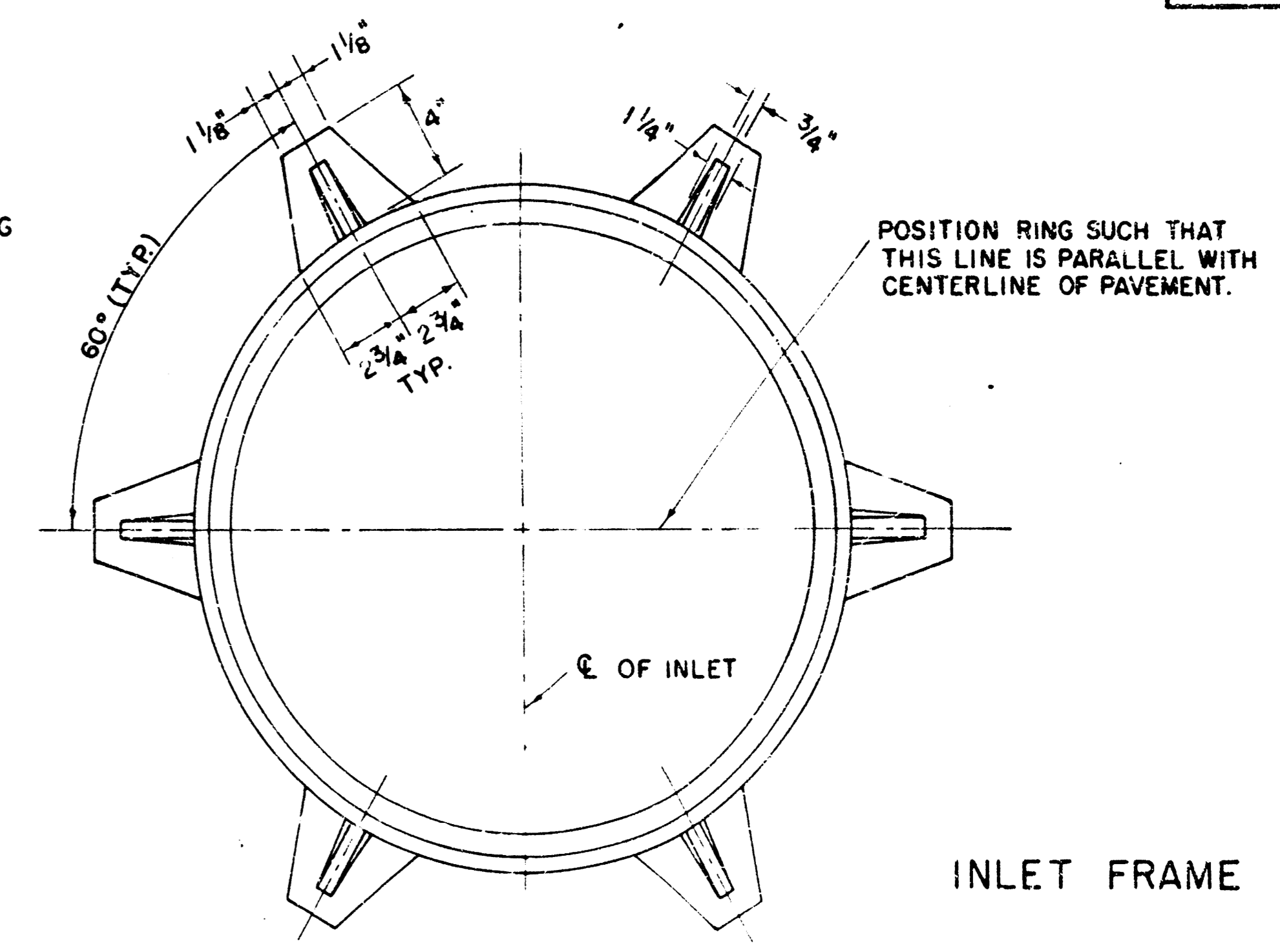
NOTE: INLET TOP REINFORCING SHALL BE SPACED ON 6" MAX. CENTERS. INLET LIDS SHALL BE NOTCHED OUT AS INDICATED TO FACILITATE CONSTRUCTION OF CURB.

NOTE: b3 BAR TO BE FIELD BENT TO CLEAR INLET FRAME.

1/2" EXPANSION JOINT (TYPICAL)



SECTION A-A



INLET FRAME

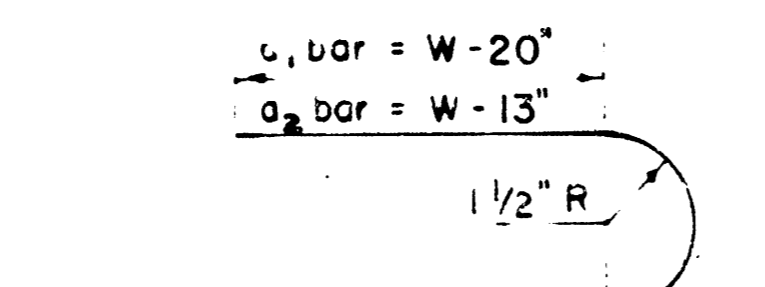
WEIGHT = 180 LBS.

STEEL SCHEDULE

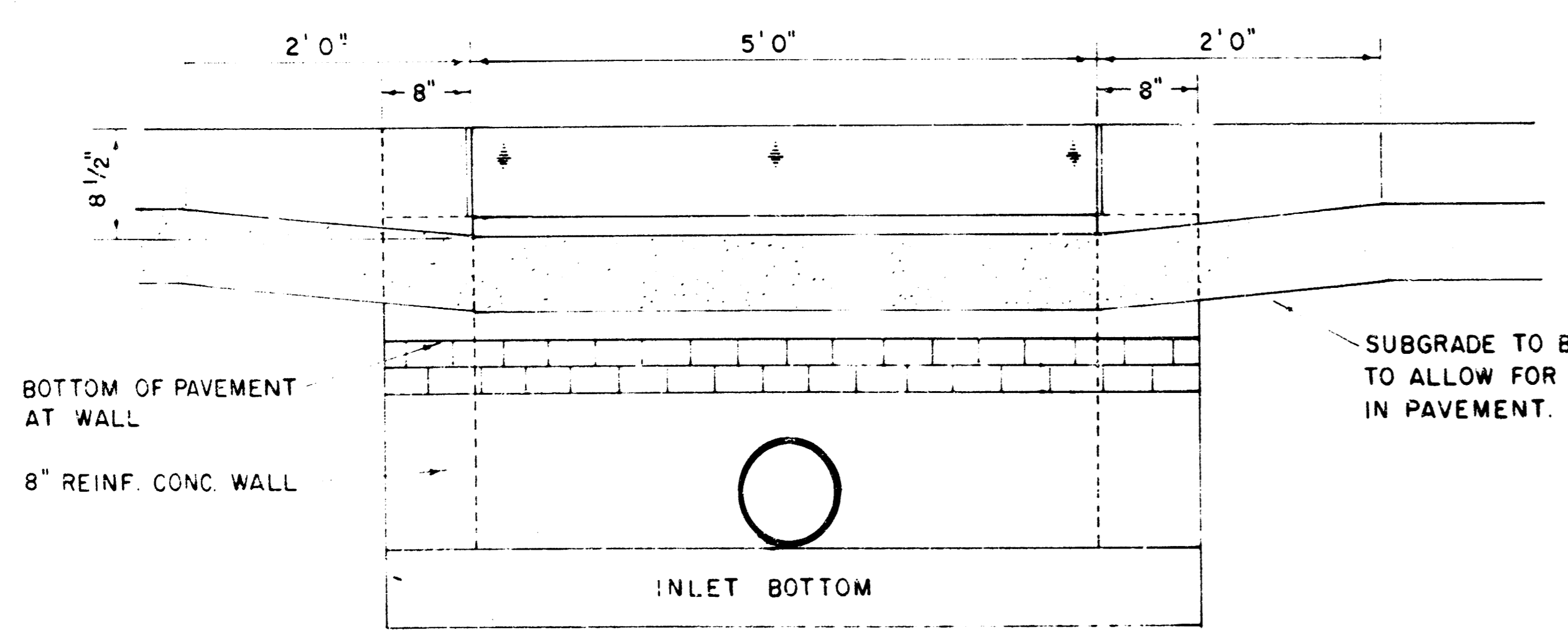
BAR NUMBER	SIZE	W	L	AT
o1	#4	6'4"	3'	14
o2	#4	6'4"	3'	14
b1	#4	6'4"	3'	14
b2	#4	6'4"	3'	14
b3	#4	6'4"	3'	14
b4	#4	6'4"	3'	14
o3	#4	6'4"	3'	14

STANDARD CURB INLET PRECAST TOPS

PRE-CAST TOP SIZE	PIPE SIZE	CU YD CONC.
4'4" x 3'8"	24" x 30"	0.38
5'4" x 4'8"	24" x 30"	0.51
6'4" x 5'8"	36" x 42"	0.64
7'4" x 6'8"	48" x 54"	0.77
8'4" x 7'8"	60" x 66"	0.90



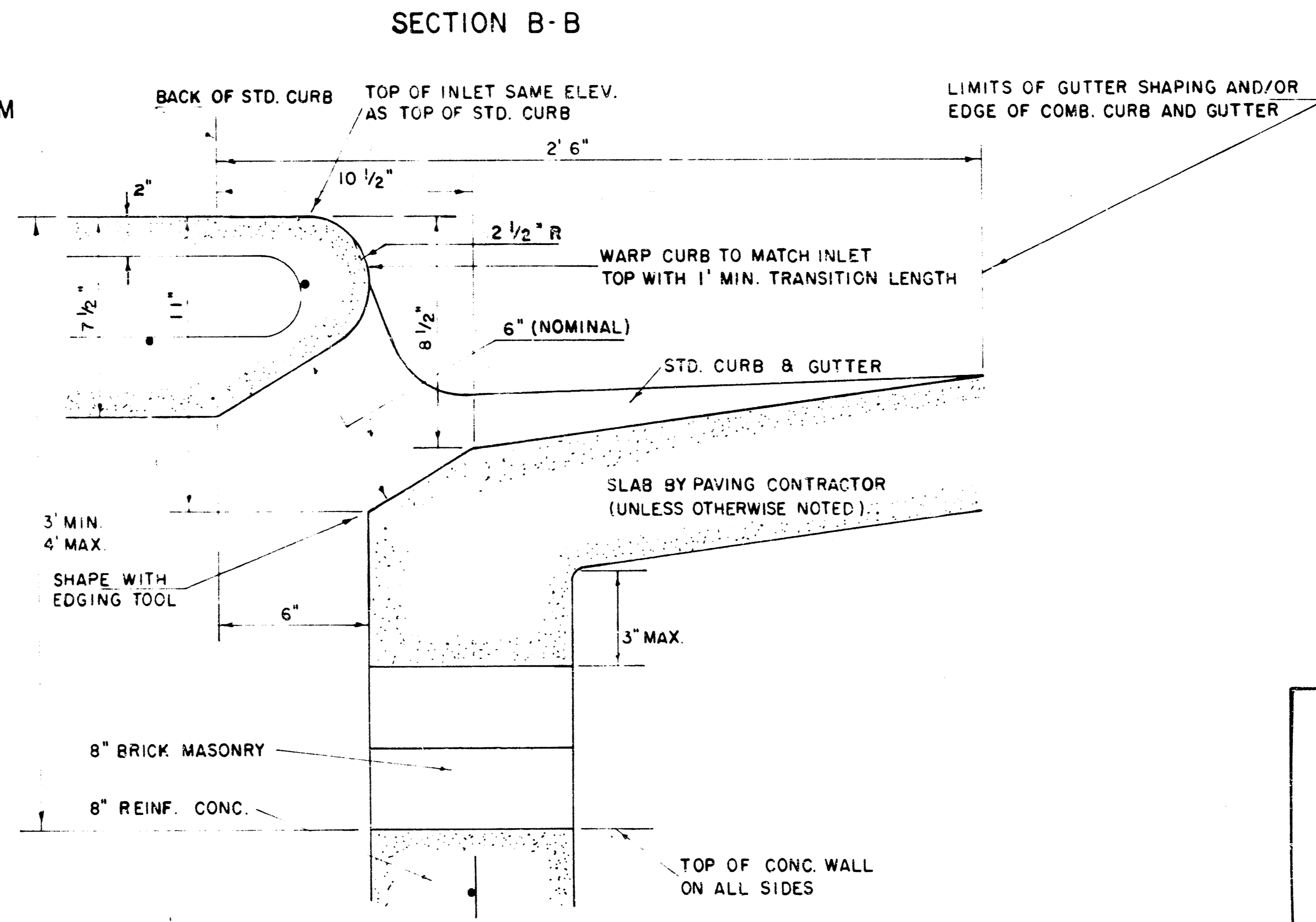
BENDING DIAGRAM



SECTION C-C

BOTTOM OF PAVEMENT AT WALL

SUBGRADE TO BE SHAPED TO ALLOW FOR DEPRESSION IN PAVEMENT.

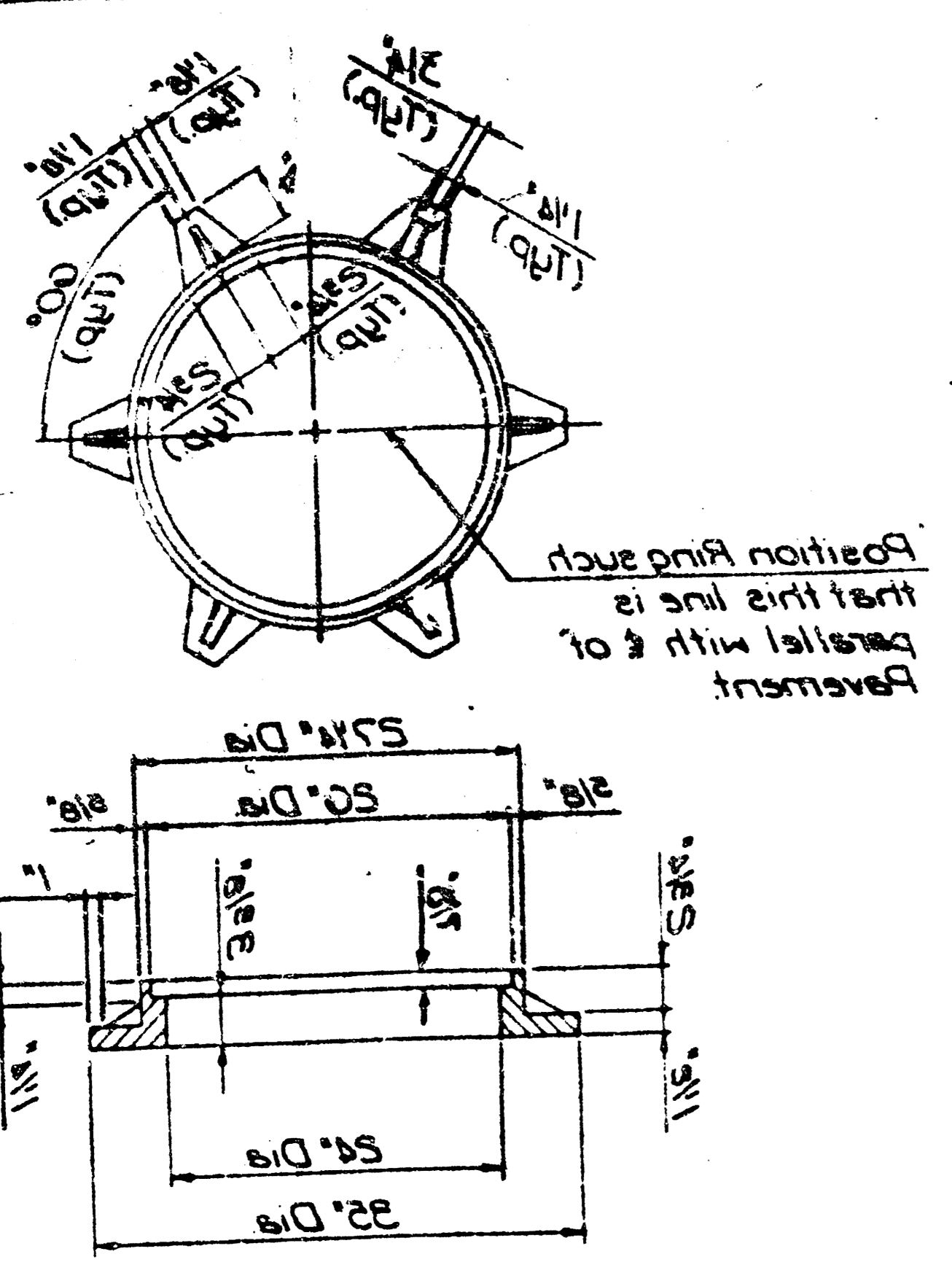


SECTION B-B

DETAIL STANDARD TYPE I CURB INLET
 CITY OF WICHITA, KANSAS
 INLET OPENING = 6" x 5'0"
 MARCH 1984

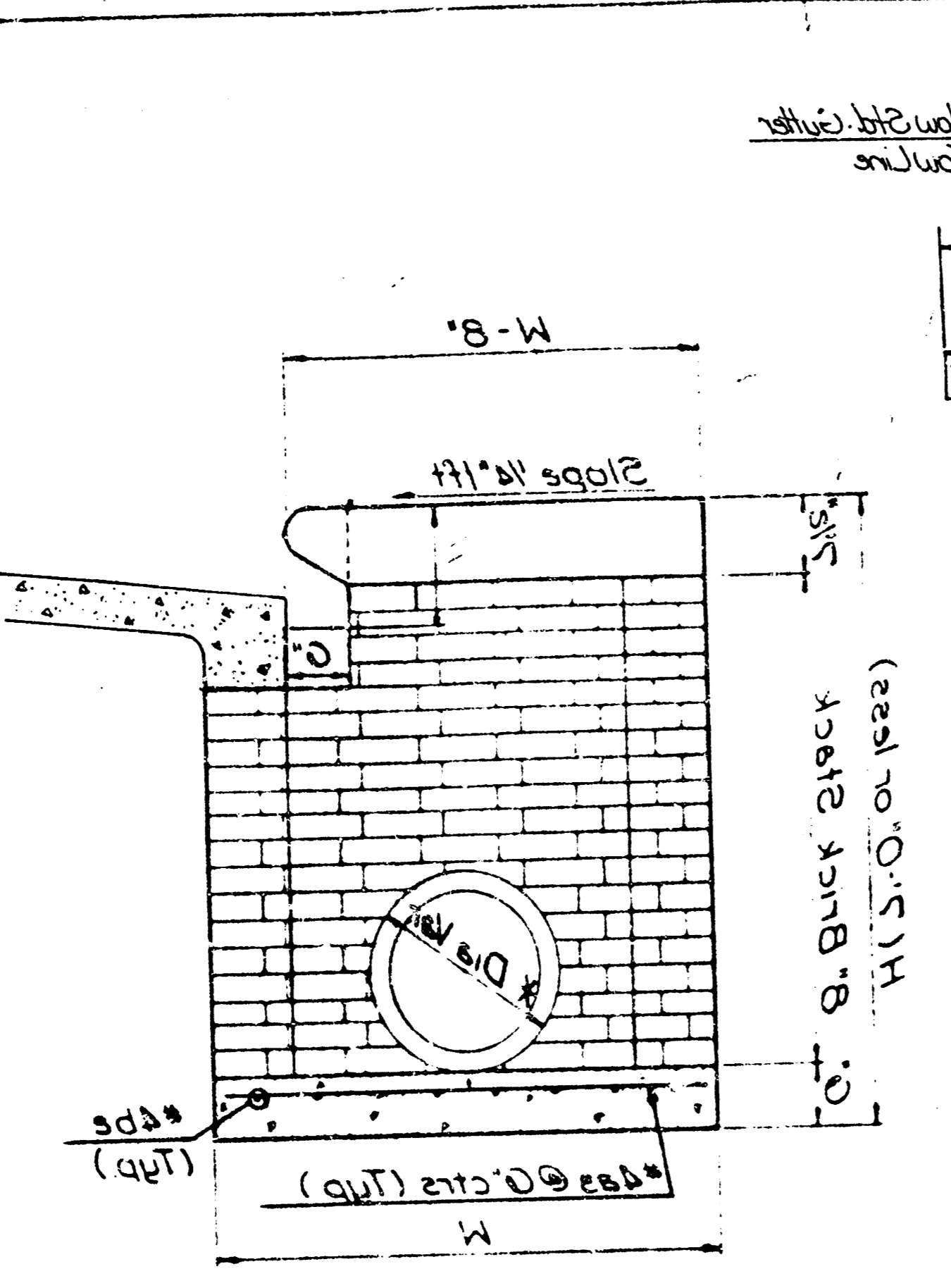
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TOTAL SHEETS	NO.	NO.

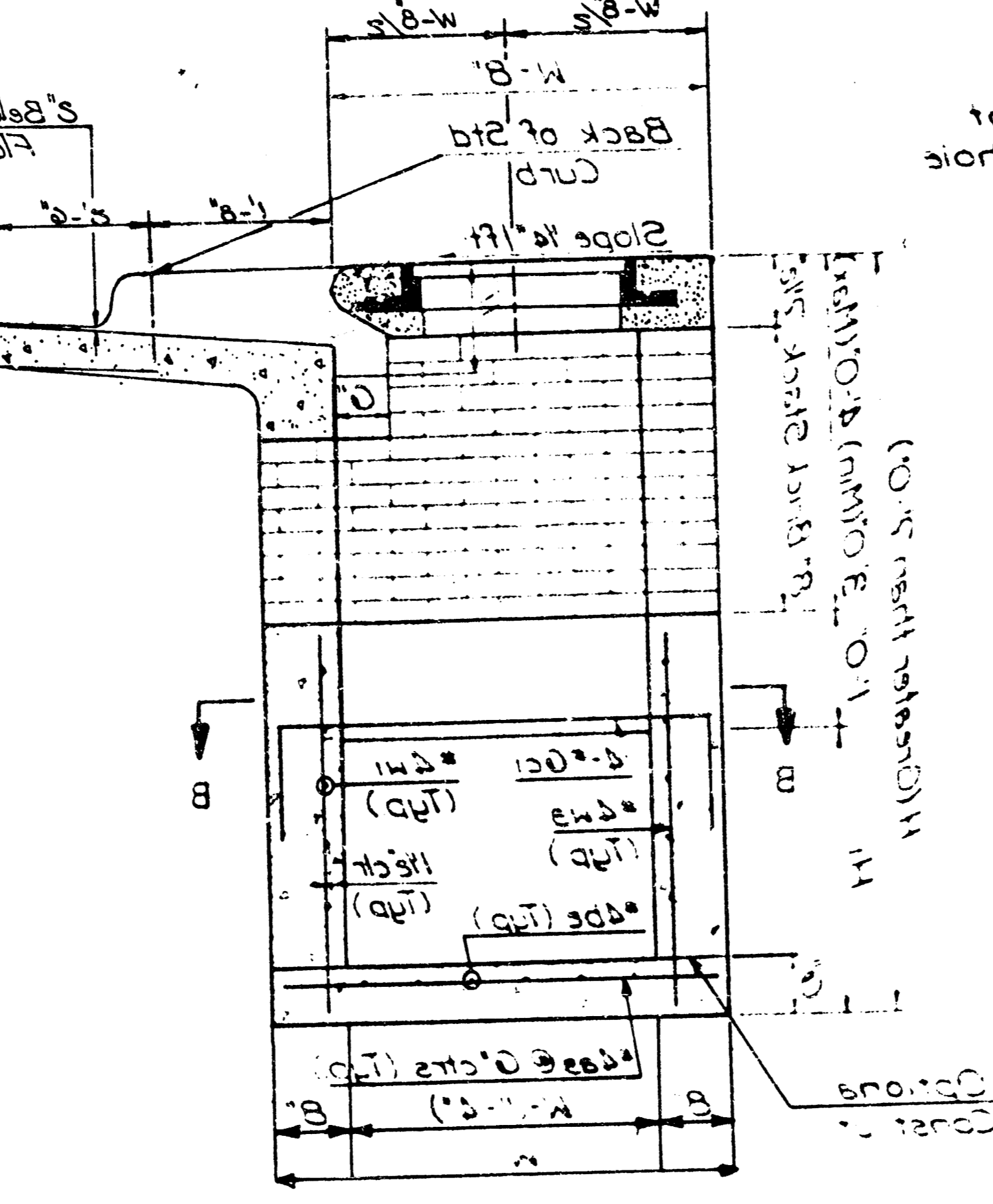


TYPE D CAST IRON MANHOLE RING
Wt. 180 lbs

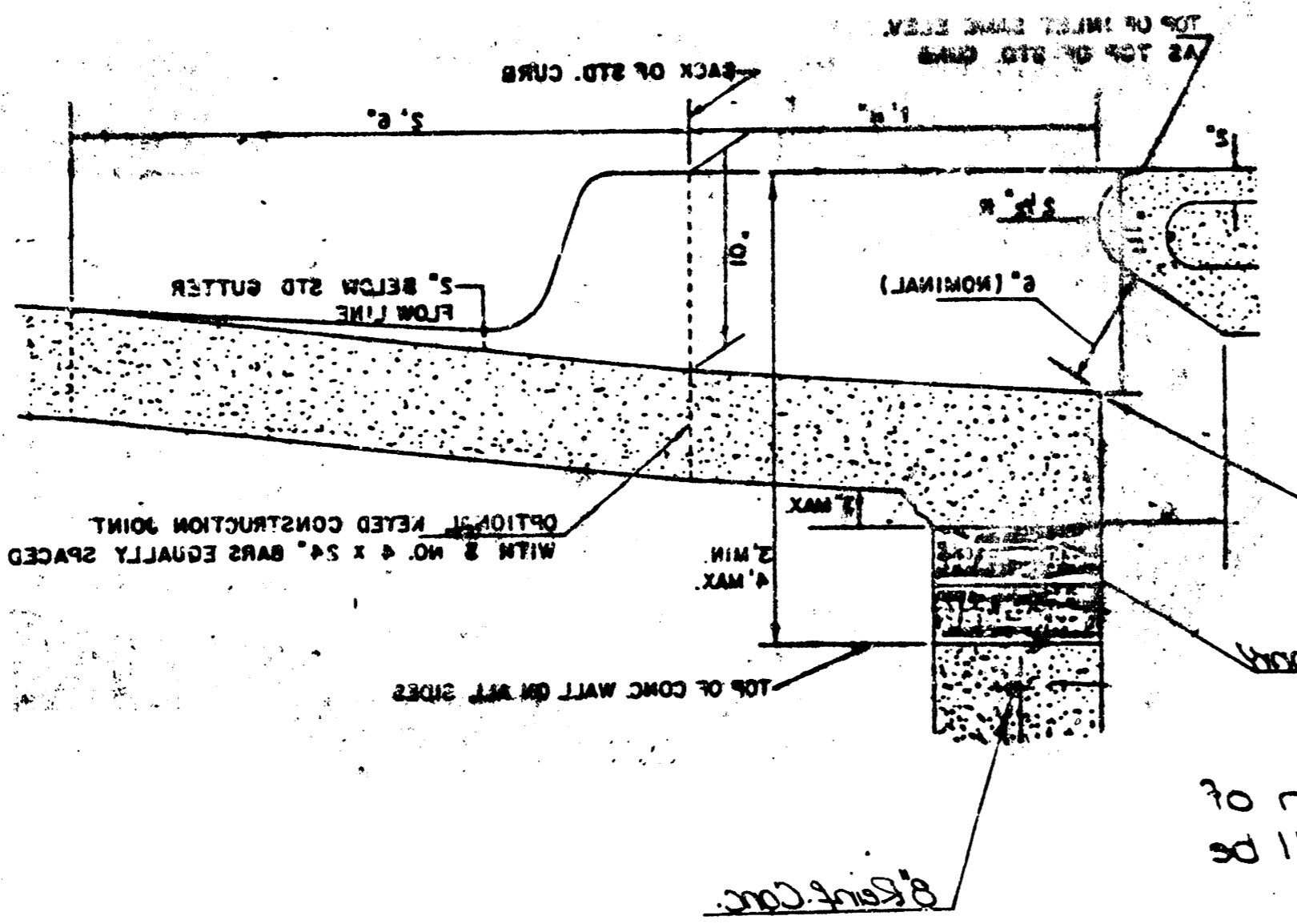
GENERAL NOTES
Concrete shall be COW Standard Forming Mix All exposed edges shall be finished with an coping too Reinforcing Bars shall be field bent or cut to clear pipes All bars are 4 bars at 6" spacing and shall have a minimum clearance of 1 1/2" unless otherwise noted Floors of inlet shall be shaped with 8 back sand mix concrete to increase hydraulic efficiency such that the inlet will be self cleaning between all inlet and/or outlet 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



TYPICAL INLET SECTION AT CENTER WALL
(Masonry Walls)

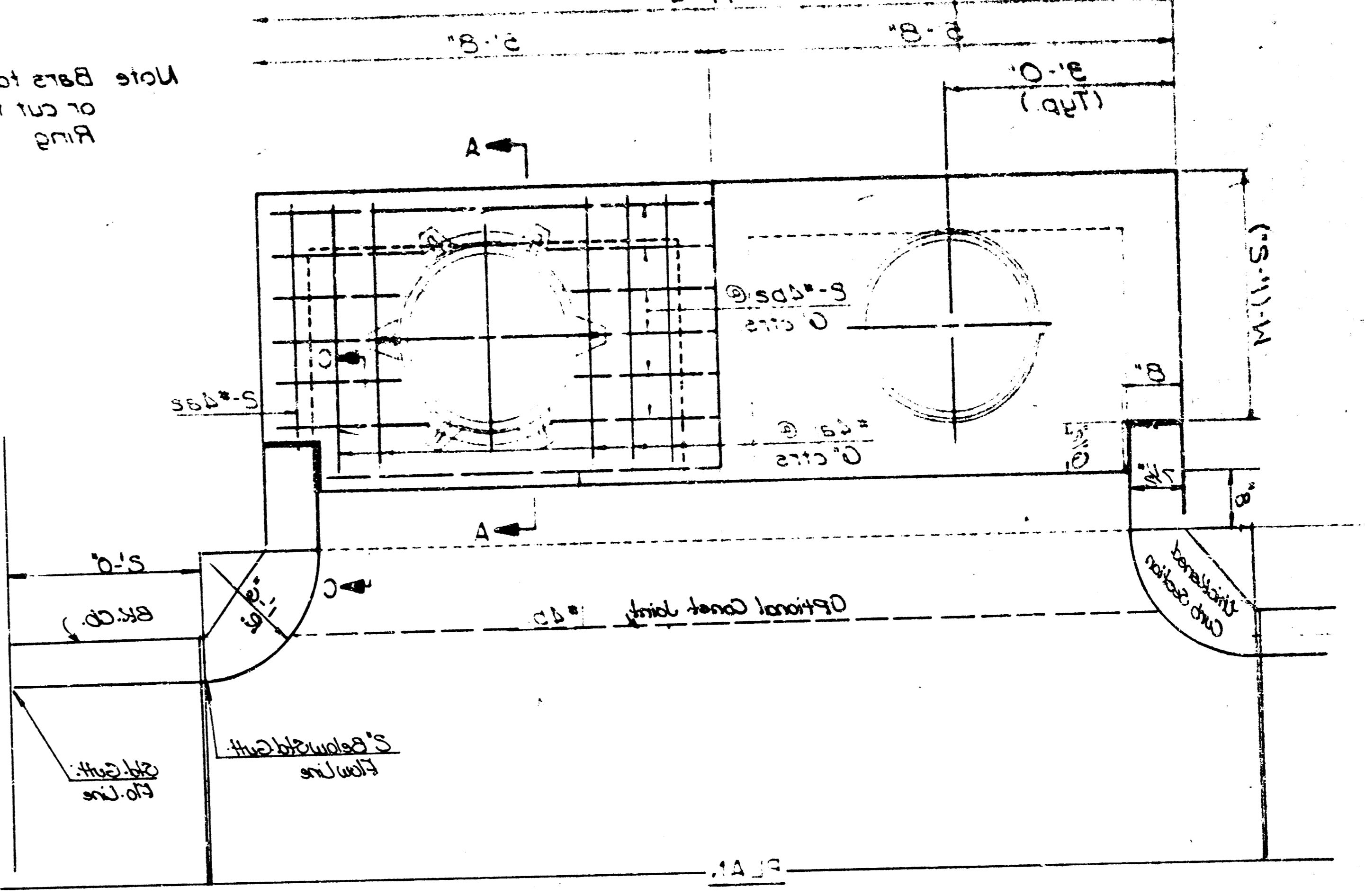


TYPICAL INLET SECTION AT CENTER WALL
(Reinforced Concrete Walls)

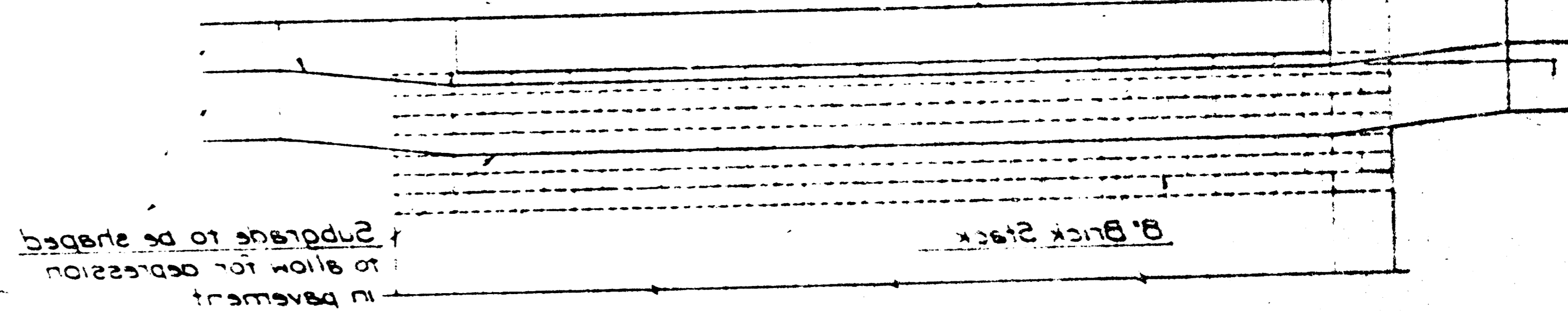


SECTION A-A

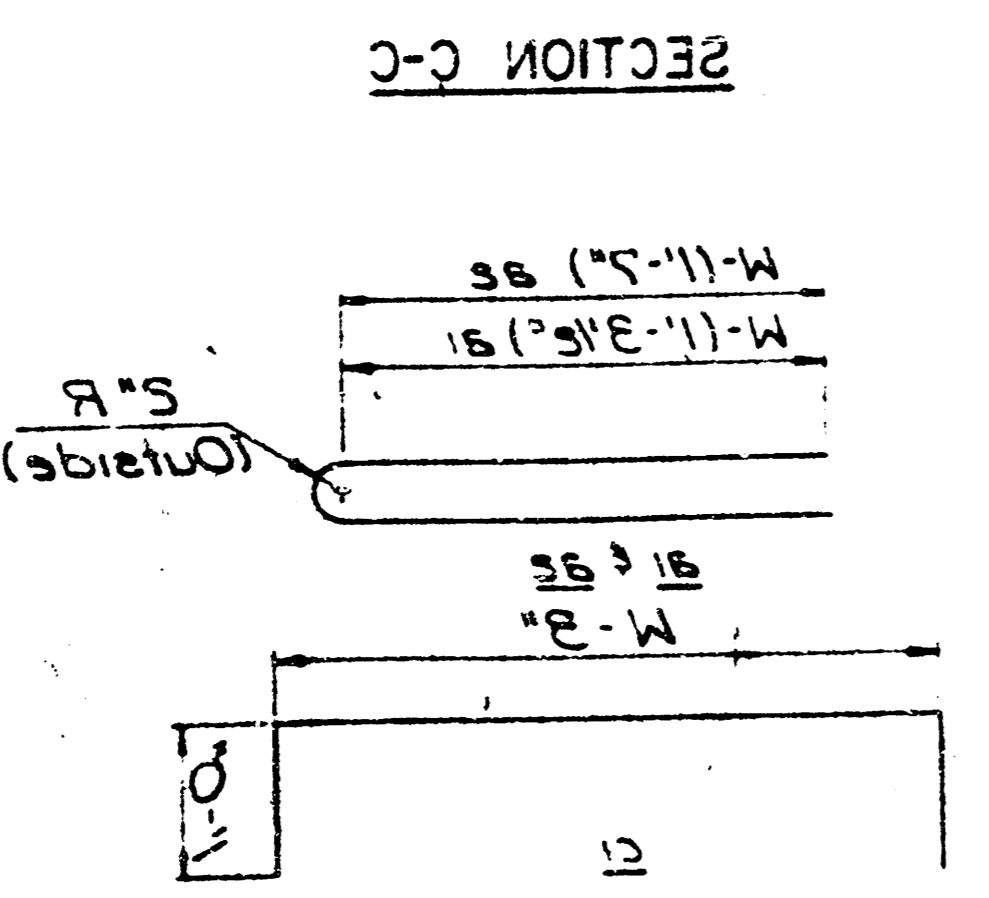
* A center wall opening shall be provided by means of a section of reinforced concrete base. The minimum diameter used shall be that of the outlet pipe.
Note: Concrete top to be installed on thin mortar cushion to insure full support along walls.



ELEVATION



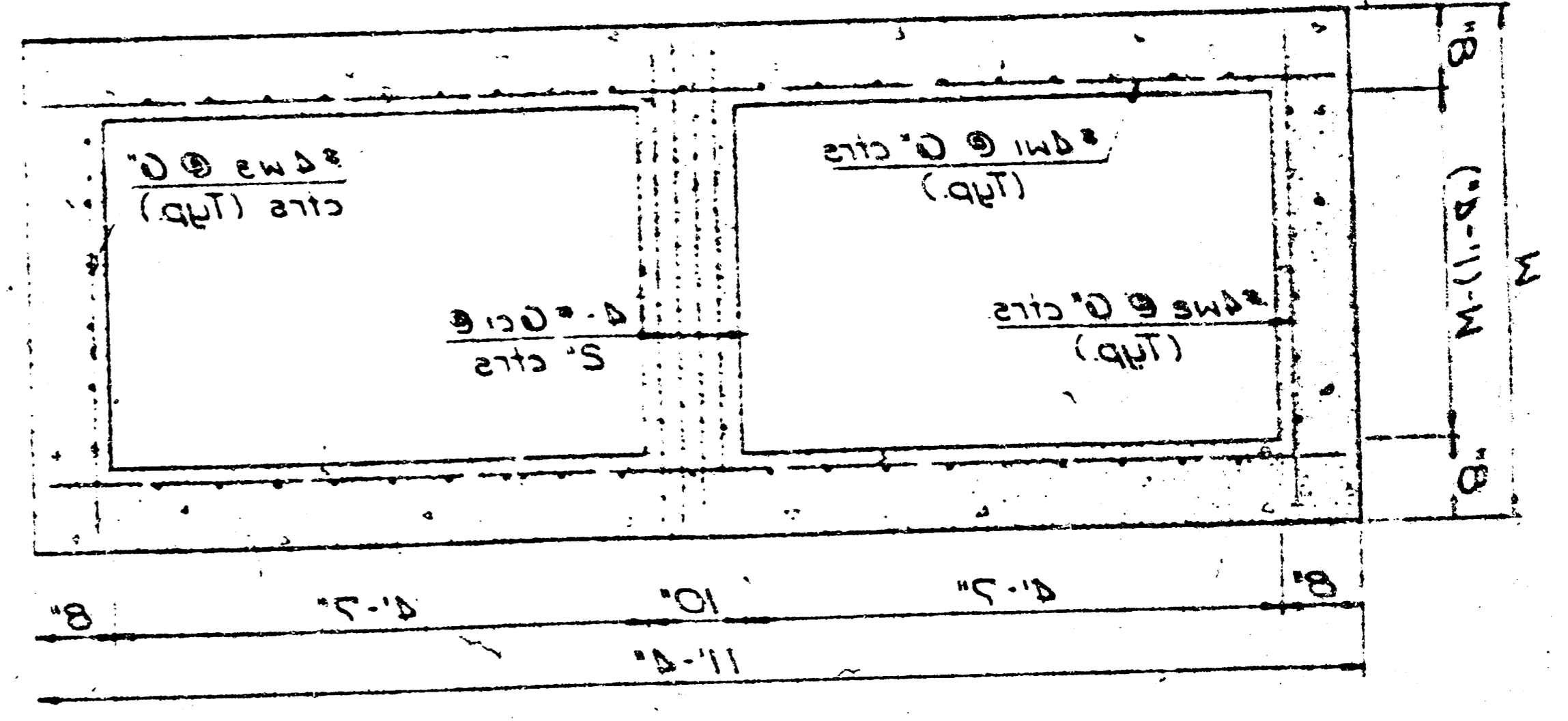
ELEVATION



BENDING DIAGRAMS

WALL REINFORCING											
Mark	Size	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.
W-1	1/2"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-2	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-3	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-4	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-5	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-6	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-7	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-8	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-9	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-10	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-11	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-12	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-13	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-14	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-15	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-16	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-17	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-18	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-19	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-20	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-21	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-22	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-23	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-24	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-25	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-26	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-27	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-28	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-29	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30
W-30	3/8"	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30	11'-11"	30

SECTION B-B



SECTION B-B

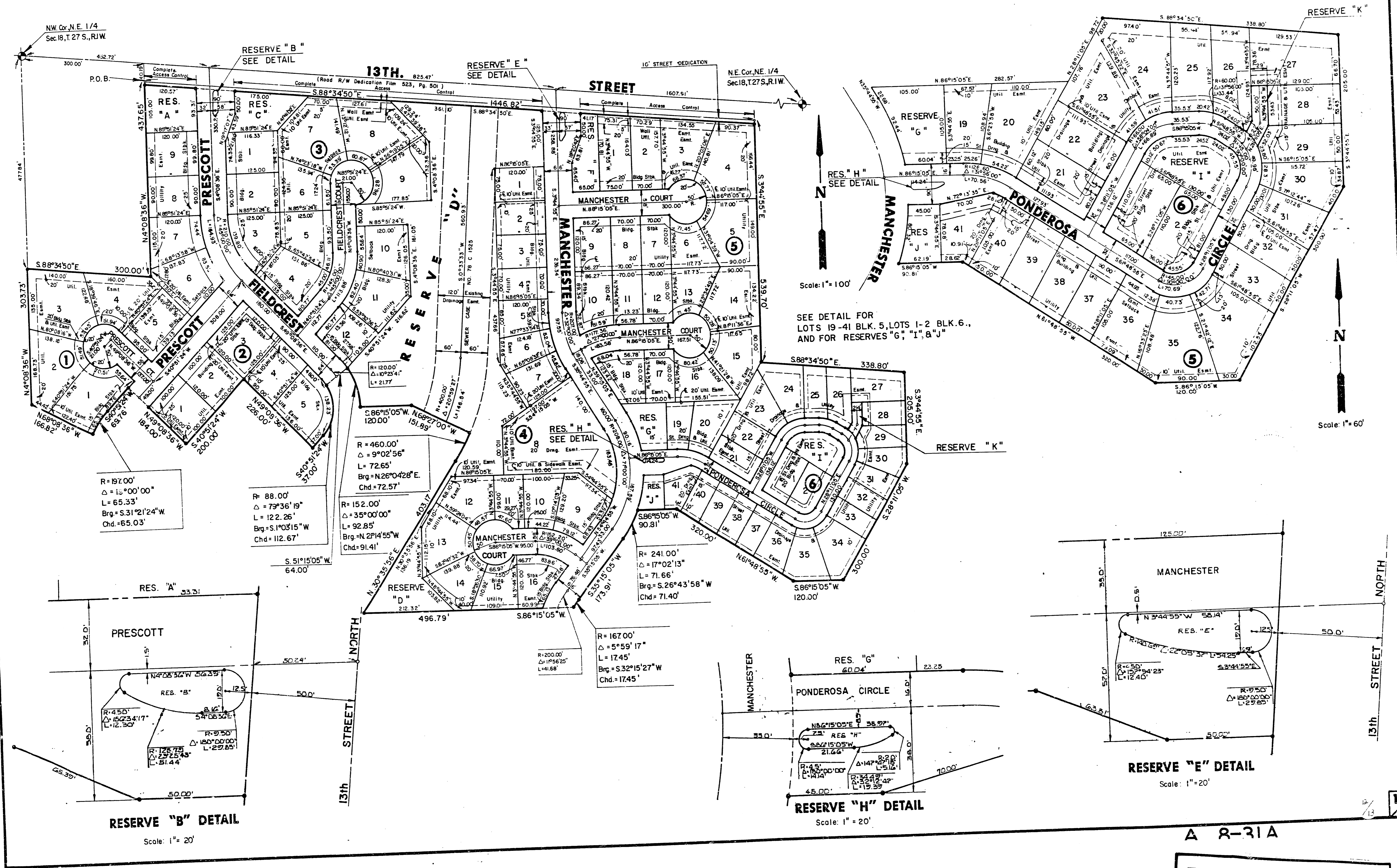
M. E. LINDBAK, CITY ENGINEER
CITY OF WICHITA
INLET OPENING = 6" x 10'-0"
TYPE IA CURB INLET
DETAIL STANDARD
OCTOBER 1984

A 8-31A

A 8-31A

FINAL PLAT OF HUNTINGTON PLACE

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS



Scale: 1" = 100'

Scale: 1" = 60'

RESERVE "B" DETAIL

Scale: 1" = 20'

RESERVE "H" DETAIL

Scale: 1" = 20'

RESERVE "E" DETAIL

Scale: 1" = 20'

A 8-31A

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FINAL PLAT OF HUNTINGTON PLACE AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

I, Kenneth H. Bengtson, a Civil Engineer in Kansas, do hereby certify that I have been in responsible charge of surveying and platting of "HUNTINGTON PLACE", an addition to Wichita, Sedgwick County, Kansas, into Lots, Blocks, Reserves, and Streets, the same being accurately set forth in the accompanying plat and described herein:

A tract of land lying in the Northeast Quarter, Section 18, Township 27 South, Range 1 West of the 6th P.M., more particularly described as follows: Commencing at the Northwest corner of said Northeast Quarter; thence S 88° 34' 50" E, 300.00 feet along the North line of said Northeast Quarter; thence S 4° 08' 36" E, 40.19 feet parallel with the West line of said Northeast Quarter to the point of beginning; thence S 88° 34' 50" E, 1446.82 feet parallel and 40.00 feet South of said North line to a point 68.75 rods West of the East line of said Northeast Quarter; thence S 88° 34' 50" E, 539.70 feet parallel with the East line of said Northeast Quarter; thence S 88° 34' 50" E, 338.80 feet parallel and 35.00 rods South of the North line of said Northeast Quarter; thence S 3° 44' 55" E, 205.00 feet; thence S 28° 11' 05" W, 300.00 feet; thence S 86° 15' 05" W, 90.81 feet to a point on a curve 320.00 feet; thence along said curve 71.66 feet, said curve having a central angle of 17° 02' 13", a radius of 241.00 feet, and a long chord of 71.40 feet, bearing S 26° 43' 58" W; thence S 35° 15' 05" W, 173.91 feet to a point on a curve to the left; thence along said curve 17.45 feet to a point on a curve to the left; thence along said curve 72.65 feet, said curve having a central angle of 5° 59' 17", a radius of 157.00 feet, and a long chord of 17.45 feet, bearing S 32° 15' 27" W; thence S 86° 15' 05" W, 496.79 feet; thence N 30° 35' 56" E, 403.17 feet to a point on a curve to the left; thence along said curve 72.65 feet, said curve having a central angle of 9° 02' 56", a radius of 460.00 feet, and a long chord of 91.41 feet, bearing N 26° 04' 28" E; thence N 68° 27' 00" W, 151.89 feet; thence S 86° 15' 05" W, 120.00 feet to a point on a curve to the left; thence along said curve 92.85 feet, said curve having a central angle of 35° 00' 00", a radius of 152.00 feet, and a long chord of 91.41 feet, bearing N 21° 14' 55" W; thence S 51° 15' 05" W, 64.00 feet to a point on a curve to the right; thence along said curve 122.26 feet, said curve having a central angle of 79° 36' 19", a radius of 88.00 feet, and a long chord of 112.67 feet, bearing S 1° 03' 15" W; thence S 40° 51' 24" W, 37.00 feet; thence N 49° 08' 36" W, 226.00 feet; thence S 40° 51' 24" W, 200.00 feet; thence N 49° 08' 36" W, 184.00 feet; thence S 40° 51' 24" W, 69.76 feet to a point on a curve to the left; thence along said curve 65.33 feet, said curve having a central angle of 19° 00' 00", a radius of 197.00 feet, and a long chord of 65.03 feet, bearing S 31° 21' 24" W; thence S 68° 08' 36" W, 166.82 feet to a point on the west line of said Northeast Quarter; thence N 04° 08' 36" W, 303.73 feet along the West line of said Northeast Quarter; thence S 88° 34' 50" E, 300.00 feet parallel with the North line of said Northeast Quarter; thence N 4° 08' 36" W, 437.65 feet parallel with the West line of said Northeast Quarter to the point of beginning.

I hereby certify that the details of this plat are correct to the best of my knowledge and belief this 11 day of June, 1986.

Kenneth H. Bengtson
Kenneth H. Bengtson, P.E.
Mid-Kansas Engineering Consultants, P.A.
3500 N. Rock Road, Building #800
Wichita, KS 67226



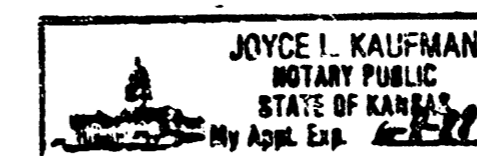
Know all men by these presents that we the undersigned property owners of the land as above set forth in the Civil Engineer's Certificate, have caused the same to be surveyed and platted into Lots, Blocks, Reserves, and Streets, the same to be known as "HUNTINGTON PLACE", an addition to Wichita, Sedgwick County, Kansas. The streets are hereby dedicated to and for the use of the public. Reserves are platted for the construction and maintenance of public utilities, drainage, landscaping, recreation, walks and open spaces. Reserves D & J are also platted for private Parks. Reserves A, C, D, F & J are also platted for entry monument. Reserve K is platted for construction and maintenance of public utilities, drainage and a private drive to serve Lots 26, 27, 28, and 29, Block 5. The Reserves shall be owned and maintained by the Homeowners Association. Easements for the construction and maintenance of street, drainage and public utilities, as indicated on the accompanying plat, are hereby granted. The 5.00 foot wall easement is granted for the purpose of construction and maintenance of a private wall. All abutters rights of sidewalk easement is granted to the City of Wichita, Kansas. The sidewalk easement is platted for construction of a sidewalk to be maintained by the Homeowners Association.

A.I.C., INC., A Kansas Corporation
Keith L. Anderson
Keith L. Anderson, President

STATE OF KANSAS)
SS:
SEDGWICK COUNTY)

Be it remembered that on this 11th day of June, 1986, before me a Notary Public in and for said State and County, came Keith L. Anderson, 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.

Joyce I. Kaufman, Notary Public
My Appointment Expires: June 2, 1988



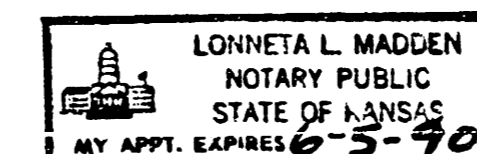
We, BANK IV Wichita, mortgagees on the above described property, do hereby consent to the plat of "HUNTINGTON PLACE".

BANK IV WICHITA
By: J.D. Newman, Vice-President

STATE OF KANSAS)
SS:
SEDGWICK COUNTY)

Be it remembered that on this 12th day of June, 1986, before me a Notary Public in and for said State and County, came J.D. Newman, Vice-President, on behalf of BANK IV Wichita, 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.

Lonneta L. Madden, Notary Public
My Appointment Expires: June 5, 1990



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

Dated this 29th day of May, 1986.

WICHITA-SEDGWICK COUNTY METROPOLITAN AREA PLANNING COMMISSION

David Boyouth, Vice-Chairman
Michael E. Lindebak, Secretary

This plat approved and all dedications shown hereon, if any, accepted by the City Commission of the City of Wichita, Kansas, this 24th day of June, 1986.

Tony Casado, Mayor
Donald C. Gistick, City Clerk

Entered on transfer record this 1 day of July, 1986.
Don Wright, County Clerk

STATE OF KANSAS)
SS:
SEDGWICK COUNTY)

This is to certify that this instrument was filed for record in the Register of Deeds office this 2nd day of July, 1986.

Pat Kettler, Register of Deeds
Ed Resa, Deputy

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