STORM SEWER PLANS FOR

WOODSPRING
S.W.S. NO. 248
PROJECT NO.
472-76-245-81268-000-000-001

CITY OF WICHITA, KANSAS

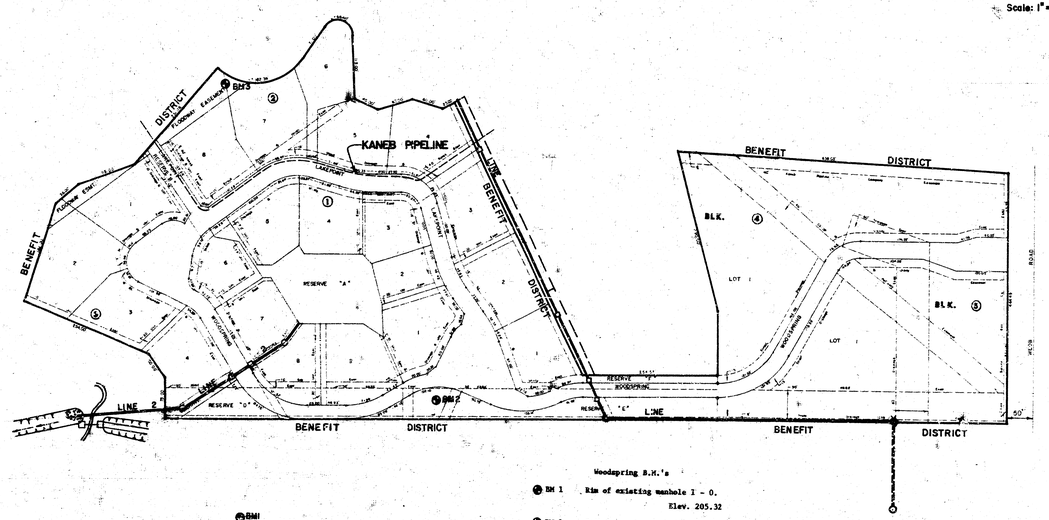
MIKE LINDEBAK, CITY ENGINEER

JULY, 1983

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 law.
2. 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.
3. All concrete shall be Standard Paving Mix unless otherwise noted.
4. The riprap for this project shall be type 3. The type 3 riprap shall be 12" riprap. The rock for riprap and gravel protection shall be hard, dense, durable and shall be reasonably well graded. The size range of rock used shall be a maximum of one cubic foot and a minimum of 1 1/2".
5. Contractor shall avoid uncovering existing water lines unless absolutely necessary. Uncovering shall be done only in the presence of a Water Department Engineer.

CAUTION:
HIGH PRESSURE KANEB PIPELINE.
CONTACT 24 HOURS PRIOR TO EXCAVATION. CALL JIM STRICTLAND AT: 1-316-262-1408.



Scale: 1" = 100'

Woodspring B.M.'s

- BM 1 — Rim of existing manhole I - 0. Elev. 205.32
- BM 2 — Spike atop in south face of KG&E "T" pole. Elev. 211.32
- BM 3 — Square cut on southeast corner of pond dam. Elev. 207.86

INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	LINE 1
3	LINE 1
4	LINE 1
5	LINE 2
6	Drop Inlet Details
7	Standard Type IA Curb Inlet Details
8 & 9	Final Plat
10	Reinforced Concrete Manhole & Ditch Inlet Type I

As Built Plan
4-3-84
MCG

RICHARD CARSON HEIM LICENSED 6803 KANSAS PROFESSIONAL ENGINEER

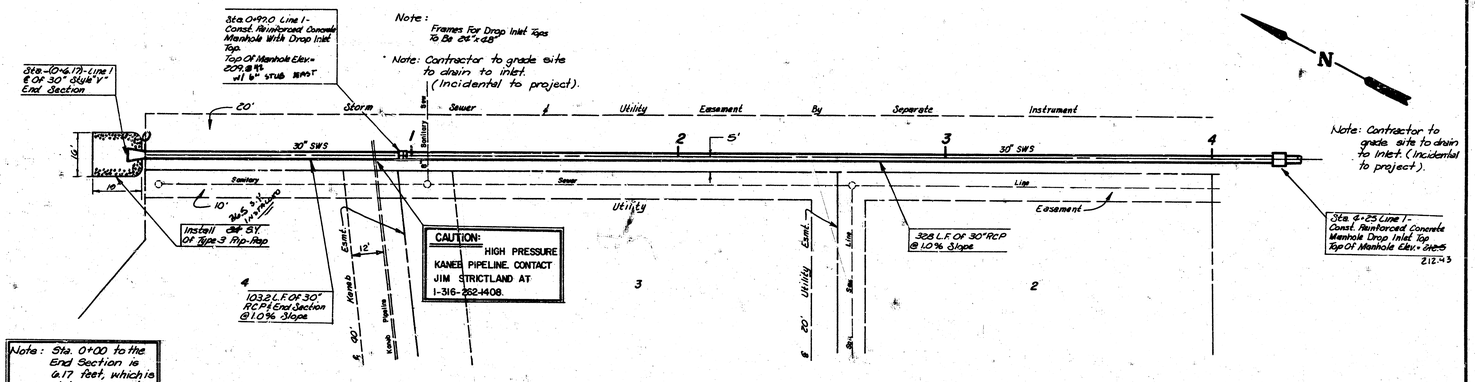
WOODSPRING
STORM WATER SEWER
PLAN

Design RCB
Drawn GZ
Checked by DLM
Date July, 1983
Job no.

MID-KANSAS ENGINEERING CONSULTANTS PA
240 NORTH ROCK ROAD
SUITE 130
WICHITA, KANSAS 67206
682-6561

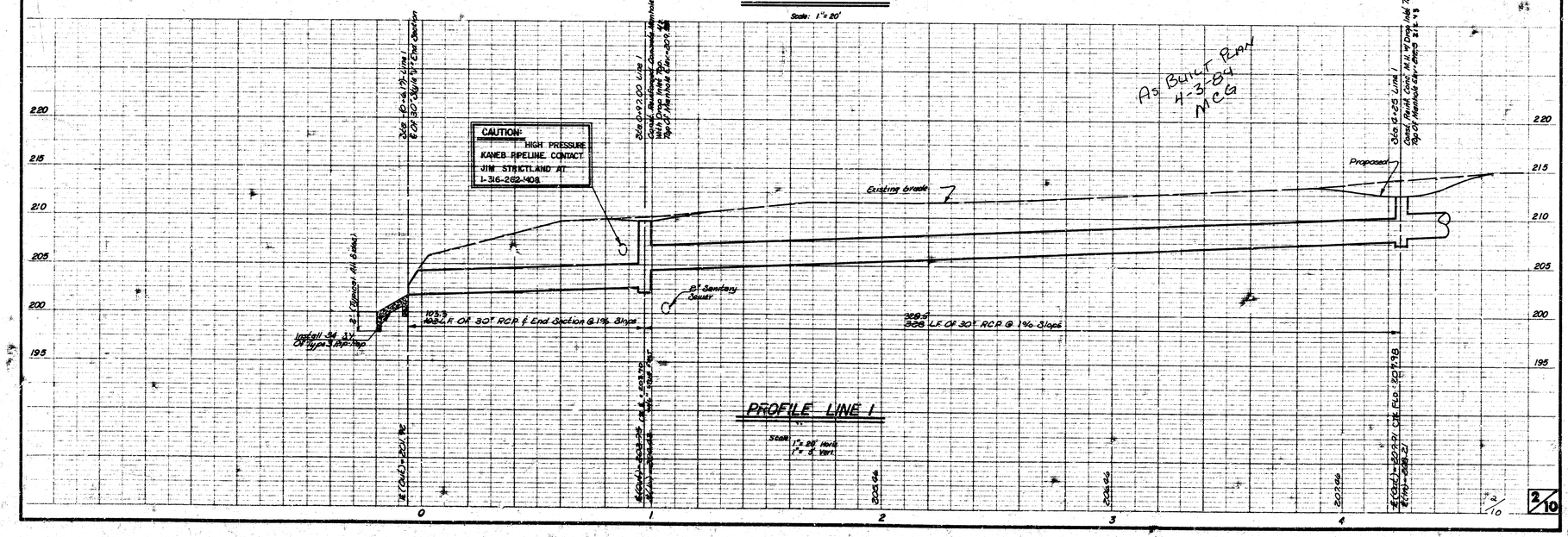
Sheet 1 of 10

WOODSPRING STORM WATER SEWER
PROJECT NO.
472-76-245-81268-000-000-001



PLAN LINE 1

Scale: 1"= 20'

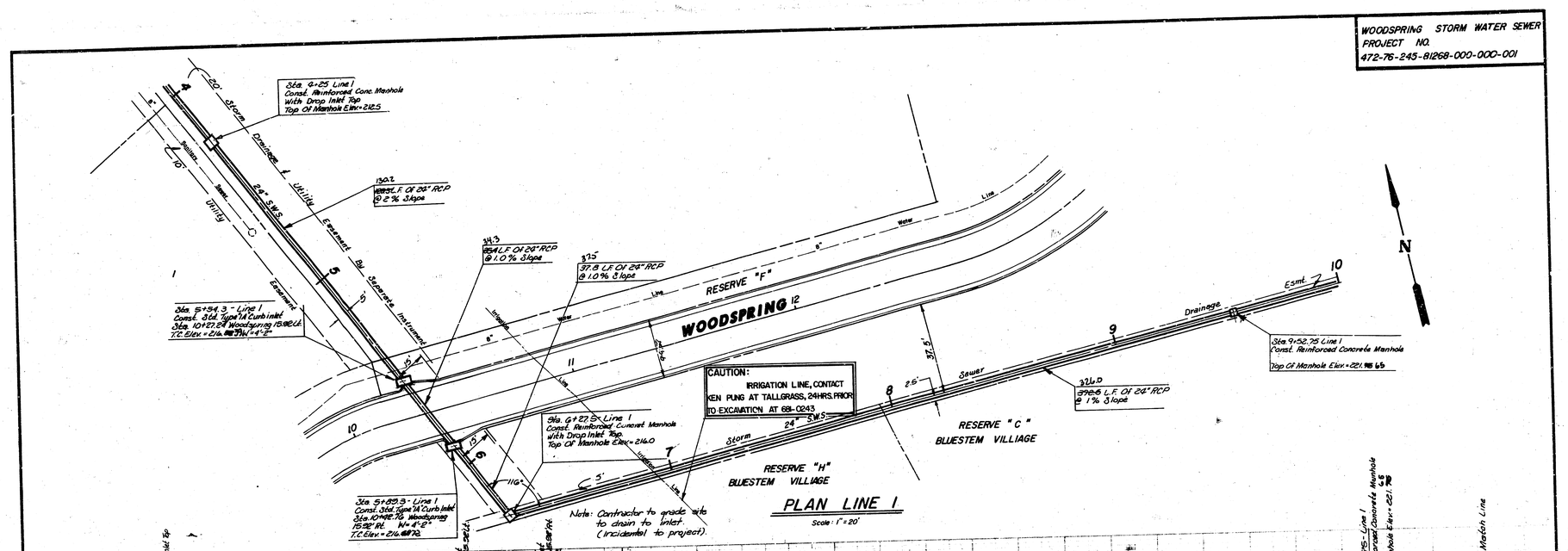


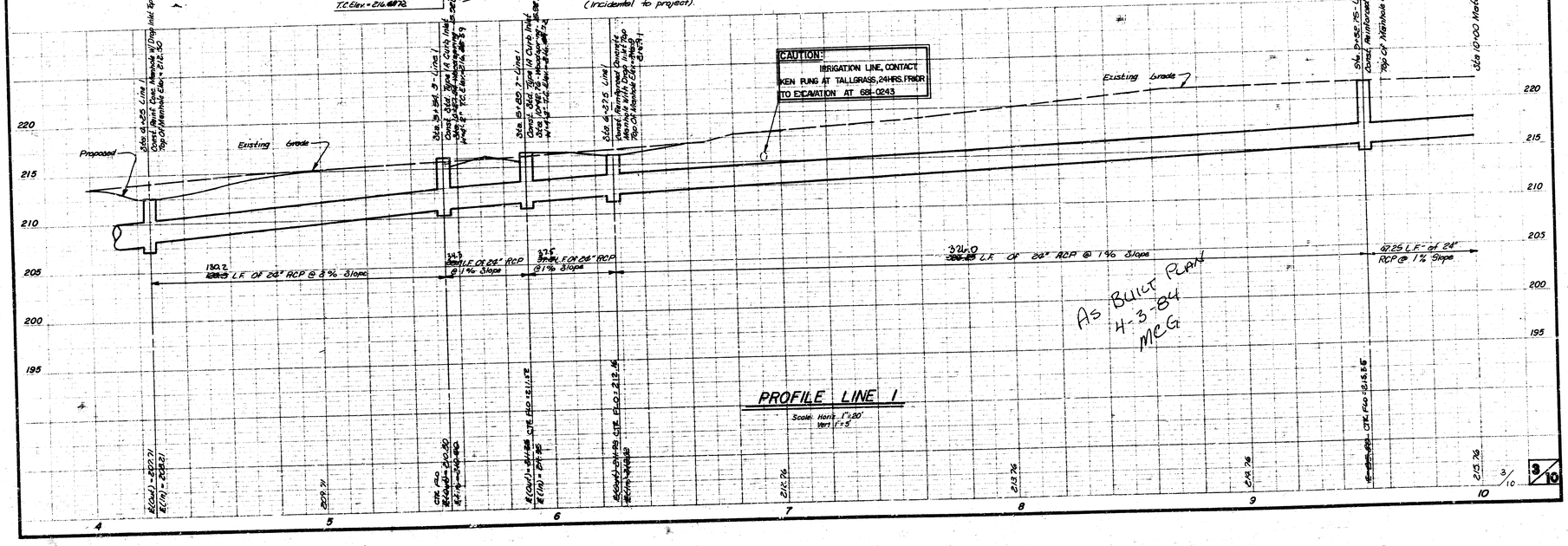
PROFILE LINE 1

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

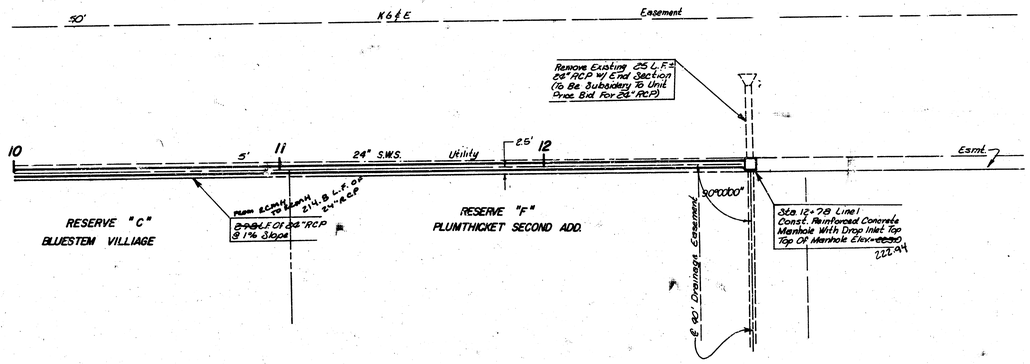
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WOODSPRING STORM WATER SEWER
PROJECT NO.
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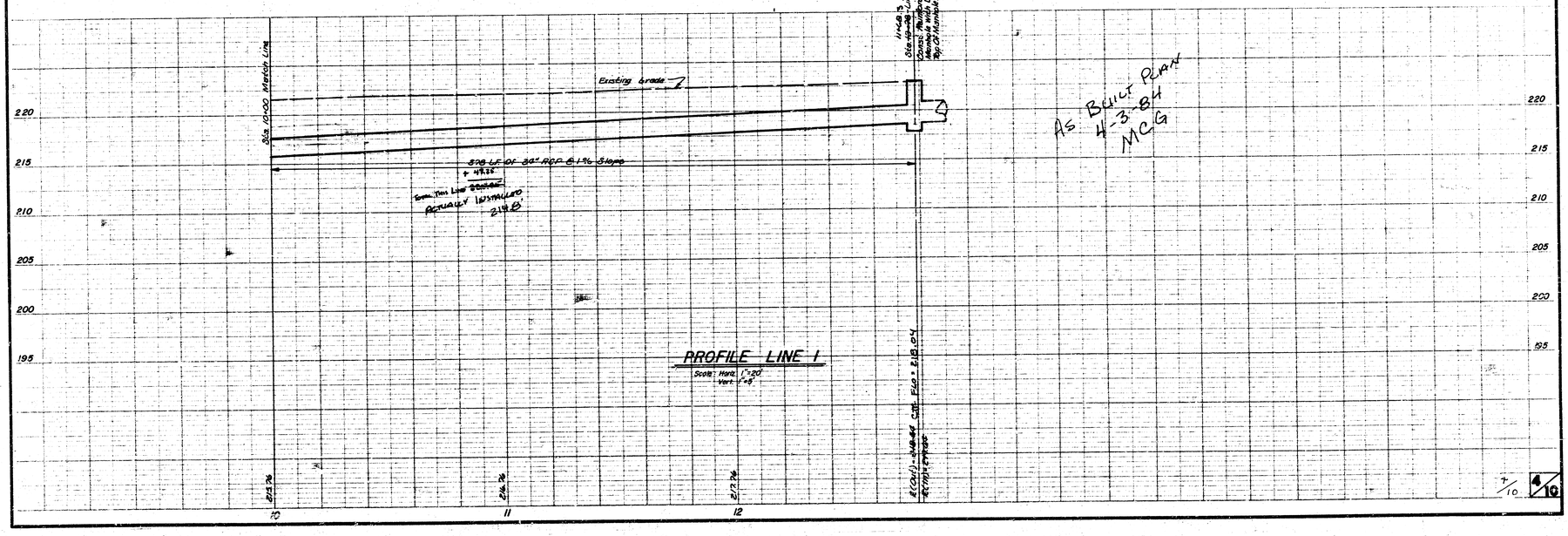
WOODSPRING STORM WATER SEWER
PROJECT NO.
472-76-245-81268-000-000-001



N

PLAN LINE I

Scale: 1"=20'



PROFILE LINE I

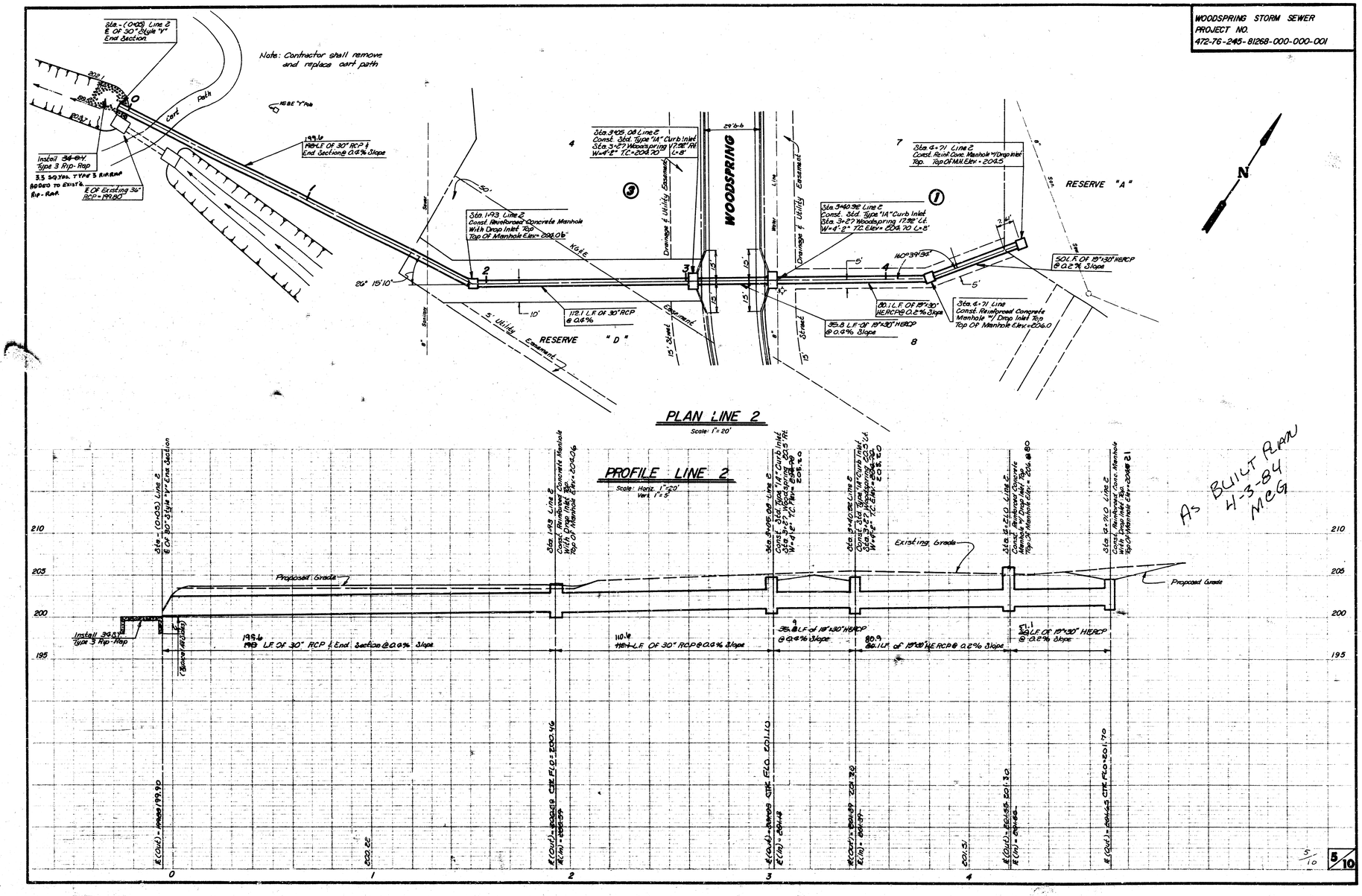
Scale: Horiz. 1"=20'
Vert. 1"=5'

AS BUILT PLAN
4-3-84
MCG

7/10 4/10

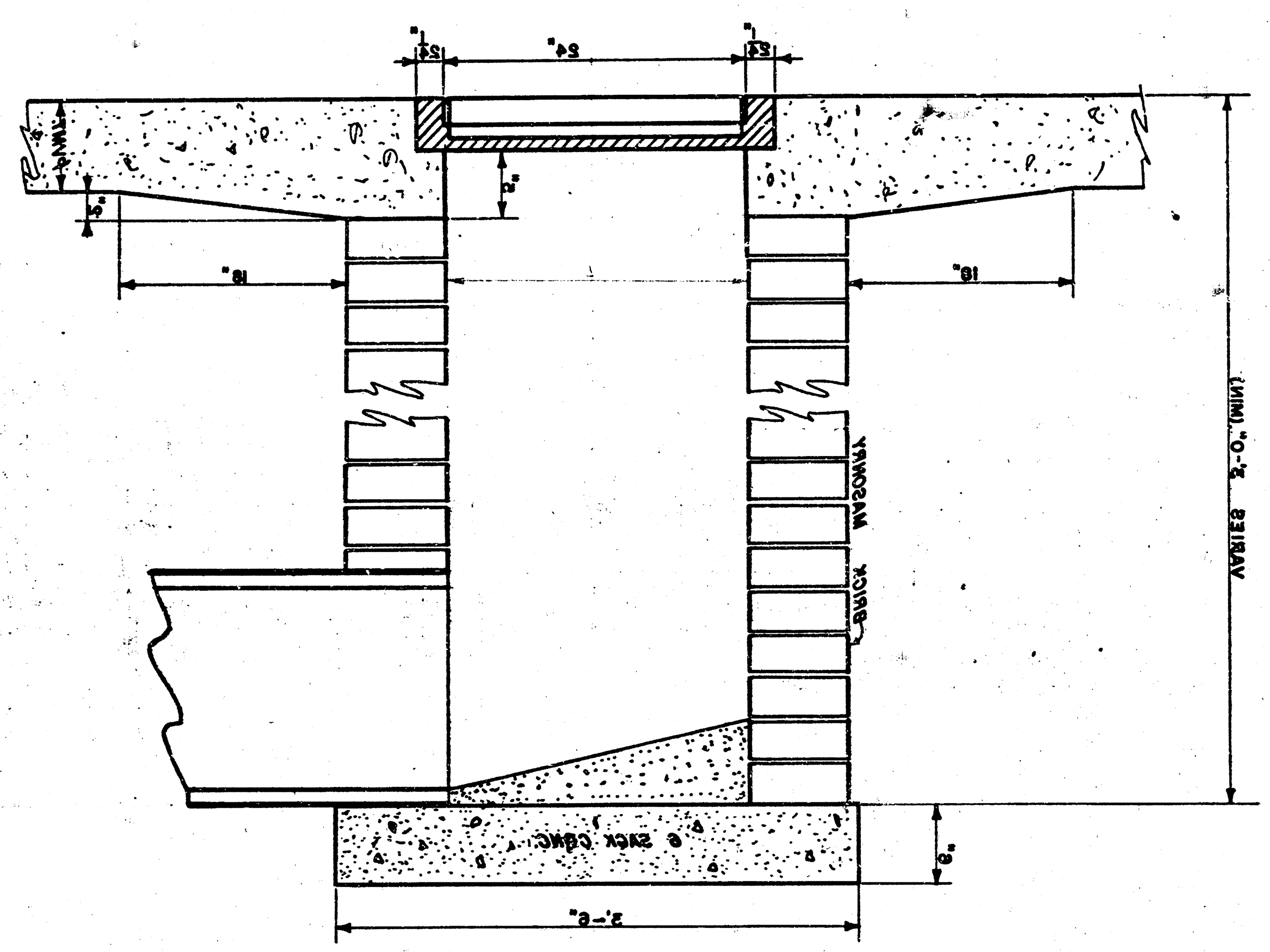
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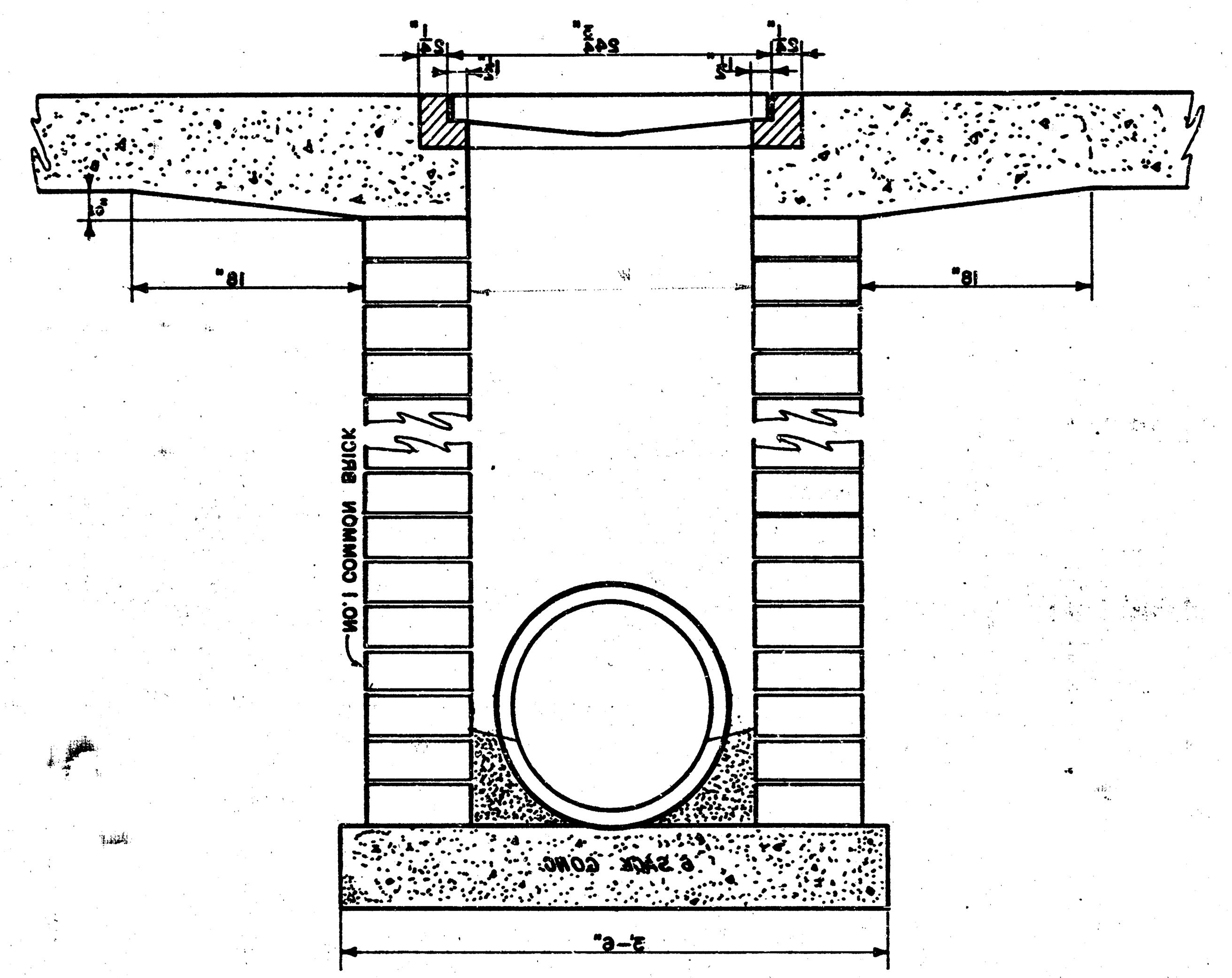
WOODSPRING STORM SEWER
PROJECT NO.
472-76-245-81268-000-000-001

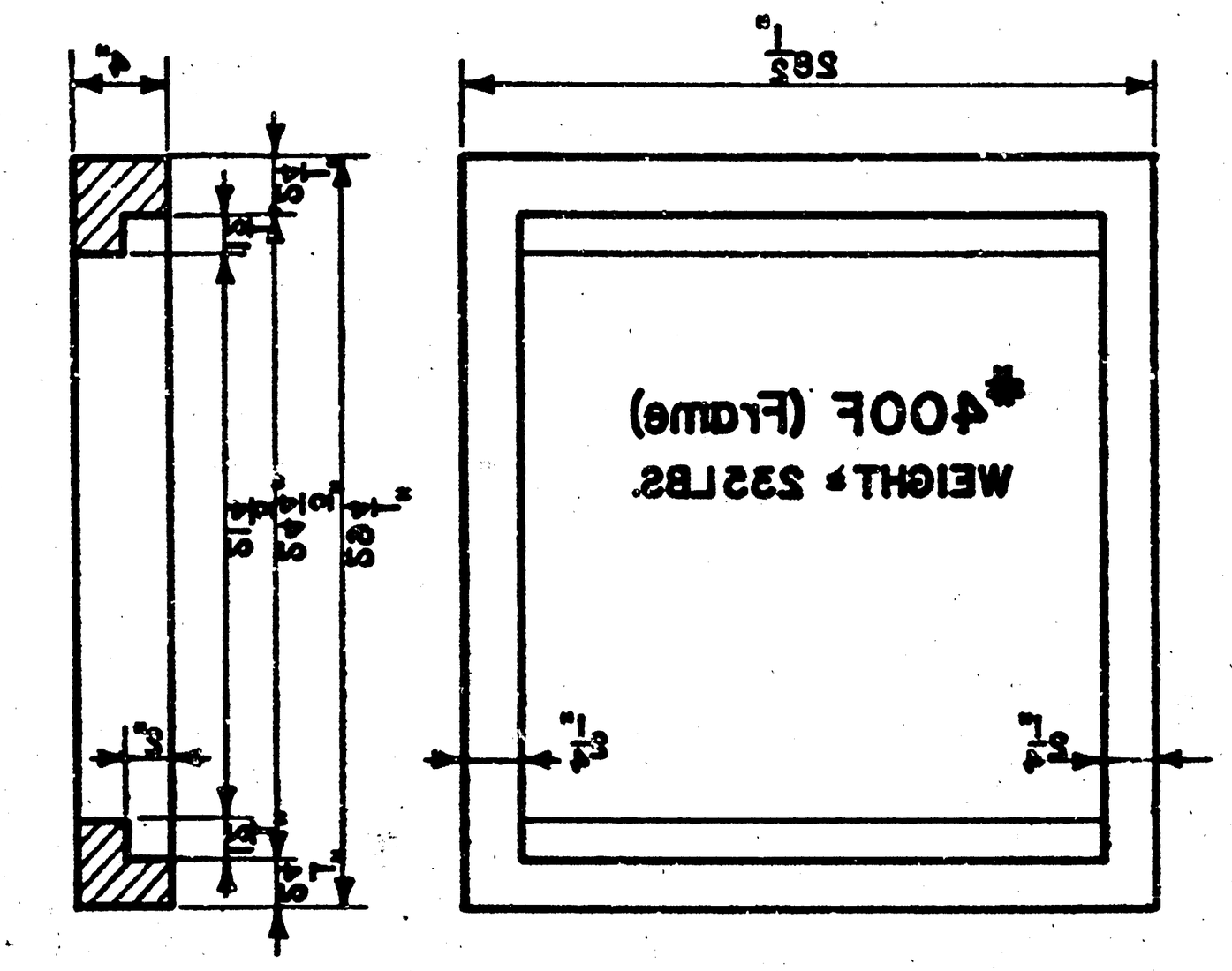


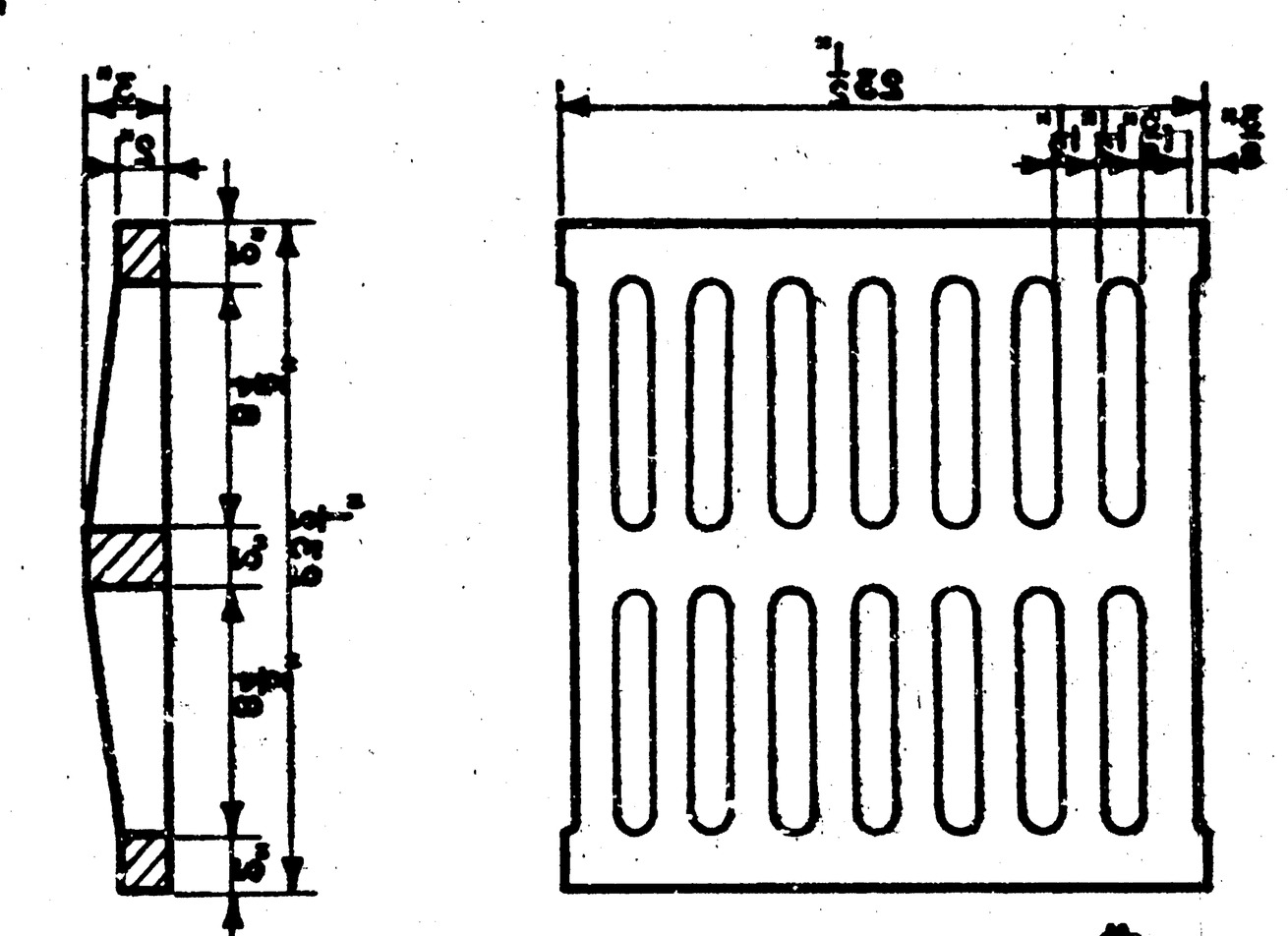
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NOTE: Grates shall be imprinted on the top surface with "CITY OF WICHITA" using letters at least 1" in height. Other marking methods may be used only if approved by the engineer.

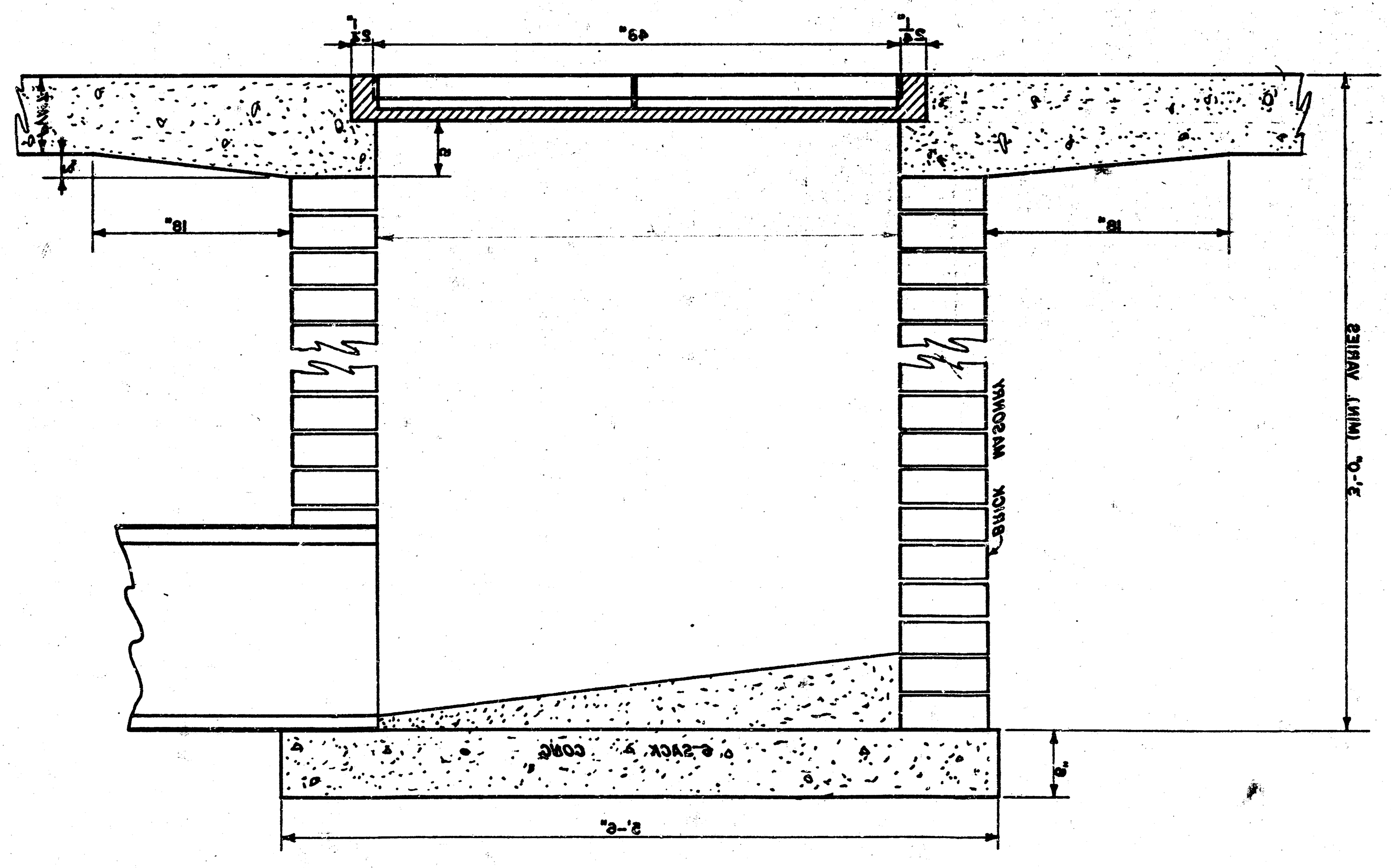




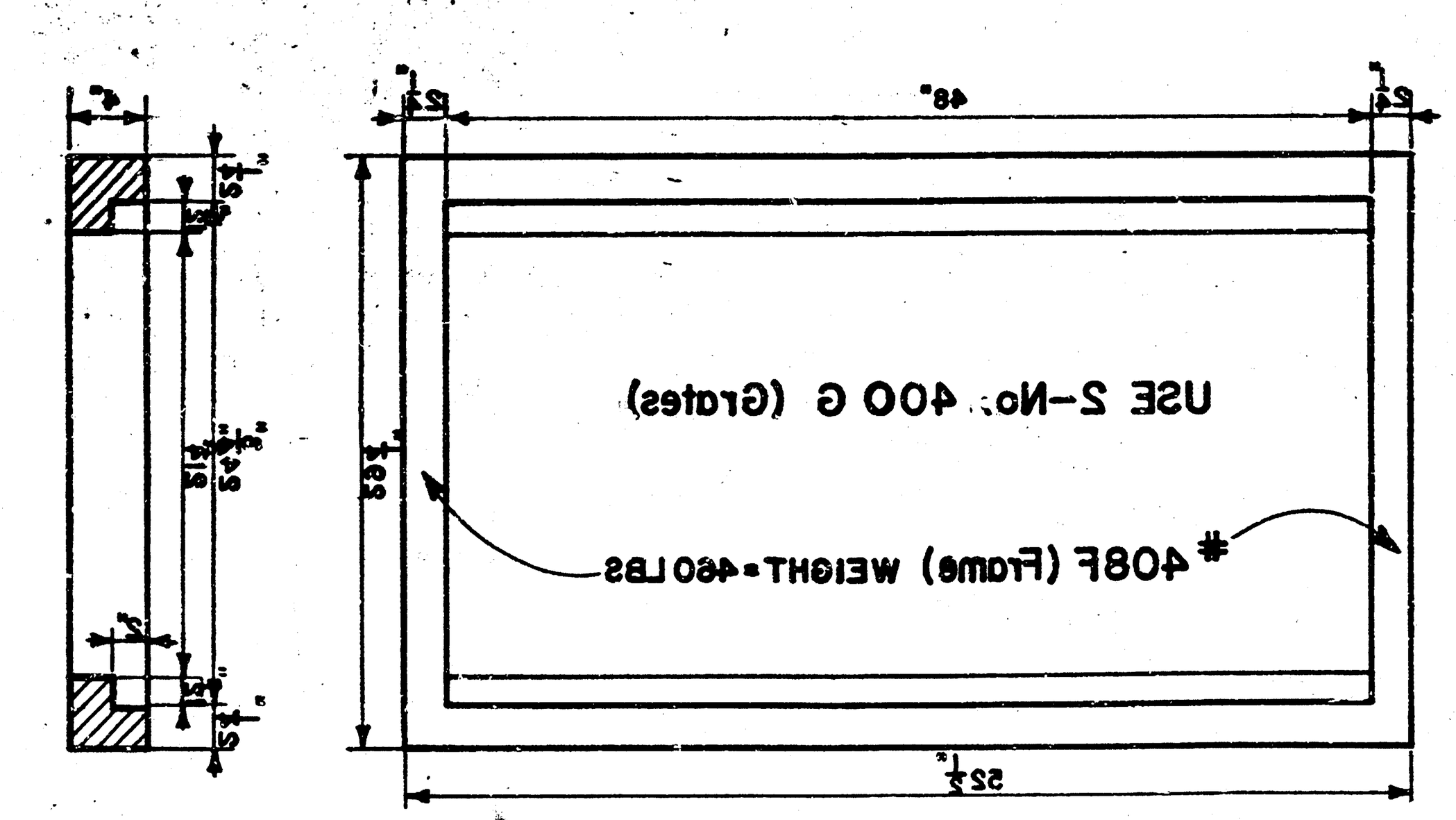




24"x24" Frame & Grate Detail



NOTE: All Drop Manhole Frames Shall be 24"x48" With Two 24"x24" Grates



Double 24"x24" Frame Detail

DROP INLET DETAILS

M.E. LINDEBAK , City Engineer

City of Wichita, Kansas

Project WOODSPRING

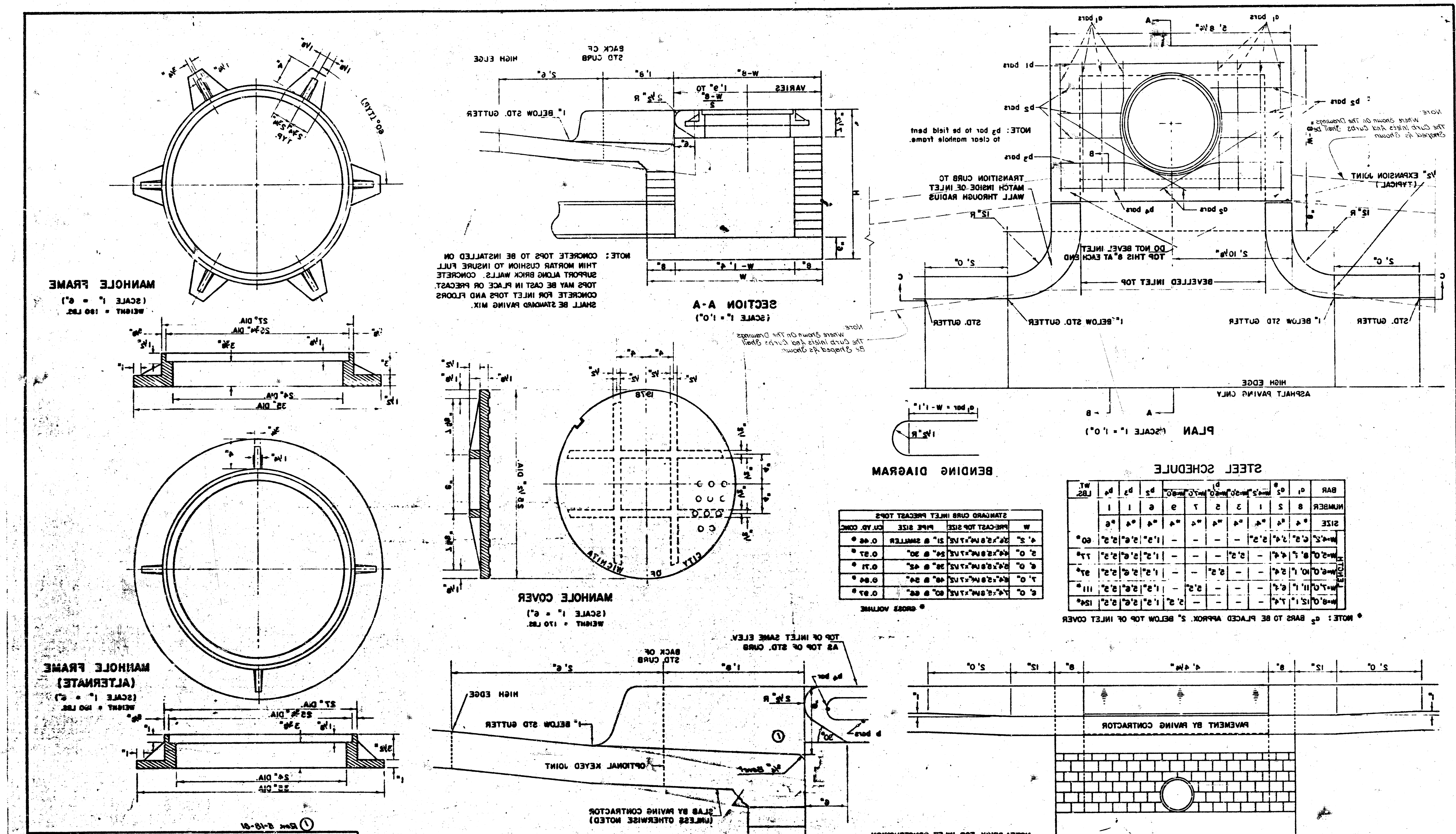
Project No. 472-76-245-81258-000-000-001

Date: JULY, 1983

Scale: 1-1/2" = 1'-0"

6 / 10

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NOTE: MANHOLE FRAMES AND COVER ARE WESTERN IRON AND FOUNDRY CO. INC. OR EQUAL DESIGNS AS FOLLOWS:
FRAME: 524-L6
FRAME (ALTERNATE): 500 A4
COVER: 222 84 "ROBBY"

NOTE: BRICK FOR INLET CONSTRUCTION SHALL CONFORM WITH THE LATEST REVISION OF THE AMERICAN SOCIETY FOR TESTING AND MATERIALS DESIGNATION C-32 FOR MANHOLE BRICK GRADE MS.

STANDARD CURB INLET PRECAST TOPS

W	PRE-CAST TOP SIZE	PIPE SIZE	CU. YD. CONC.
4' 2"	3'6"x5'8 1/4"x7 1/2"	21" & SMALLER	0.46 *
5' 0"	4'4"x5'8 1/4"x7 1/2"	24" & 30"	0.57 *
6' 0"	5'4"x5'8 1/4"x7 1/2"	36" & 42"	0.71 *
7' 0"	6'4"x5'8 1/4"x7 1/2"	48" & 54"	0.84 *
8' 0"	7'4"x5'8 1/4"x7 1/2"	60" & 66"	0.97 *

* GROSS VOLUME

STEEL SCHEDULE

BAR	a_1	a_2 *	b_1 W=4'2"	b_1 W=5'0"	b_1 W=6'0"	b_1 W=7'0"	b_1 W=8'0"	b_2	b_3	b_4	WT. LBS.
NUMBER	8	2	1	3	5	7	9	6	1	1	
SIZE	#4	#4	#4	#4	#4	#4	#4	#4	#4	#6	
LENGTH W=4'2"	6'5"	3'4"	5'5"	–	–	–	–	1'5"	5'6"	5'5"	60*
LENGTH W=5'0"	8'1"	4'4"	–	5'5"	–	–	–	1'5"	5'6"	5'5"	77*
LENGTH W=6'0"	10'1"	5'4"	–	–	5'5"	–	–	1'5"	5'6"	5'5"	97*
LENGTH W=7'0"	11'1"	6'4"	–	–	–	5'5"	–	1'5"	5'6"	5'5"	111*
LENGTH W=8'0"	12'1"	7'4"	–	–	–	–	5'5"	1'5"	5'6"	5'5"	124*

* NOTE: a_2 BARS TO BE PLACED APPROX. 2" BELOW TOP OF INLET COVER

(1) Rev. 5-18-01

DETAIL STANDARD TYPE IA CURB INLET

CITY OF WICHITA, KANSAS

M.E. LINDEBAK, CITY ENGINEER

JULY, 1983

7/10

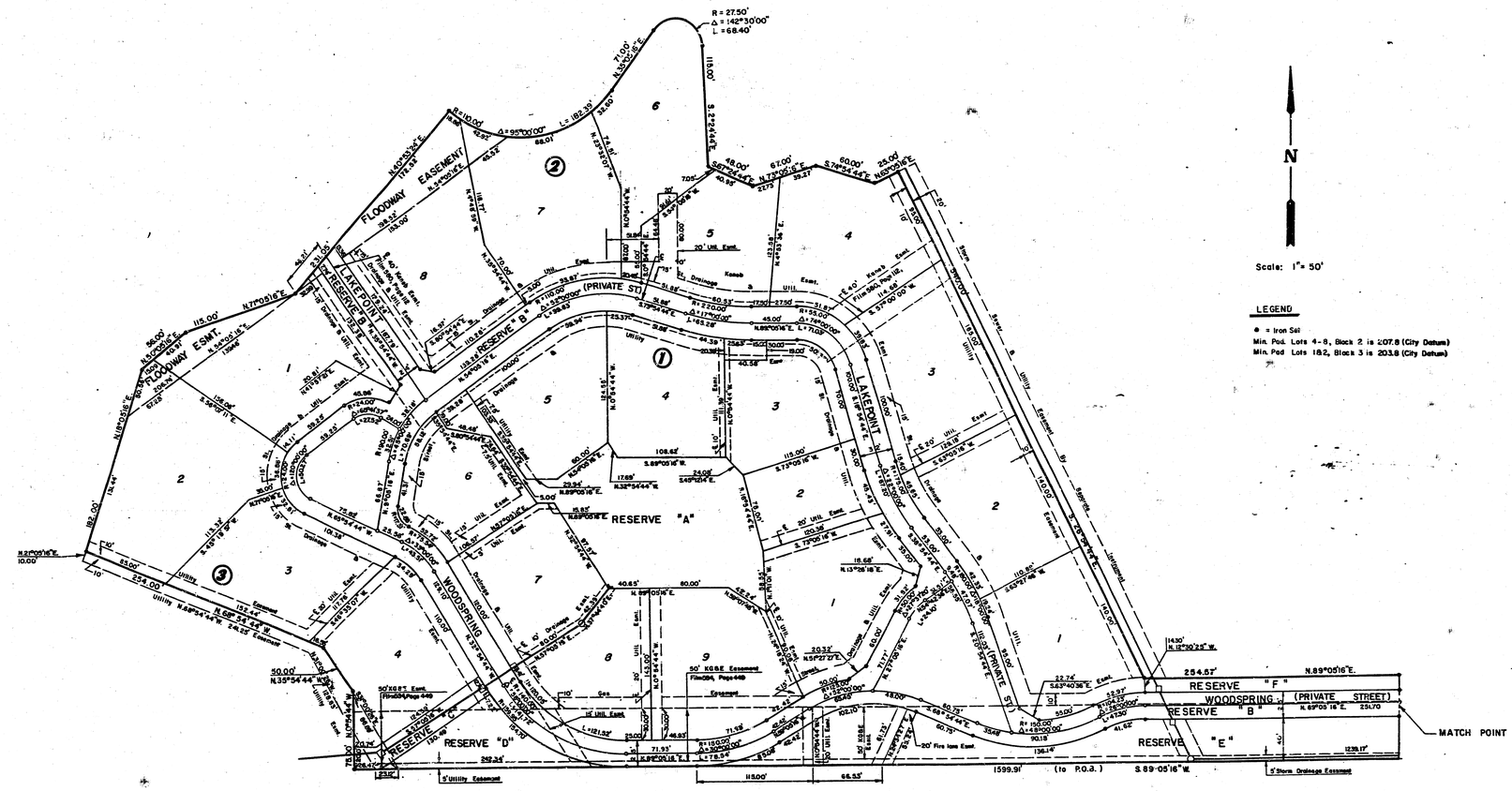
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S-2 2-29B

FINAL PLAT OF

WOODSPRING

AN ADDITION TO WICHITA, SEDGWICK COUNTY, KANSAS

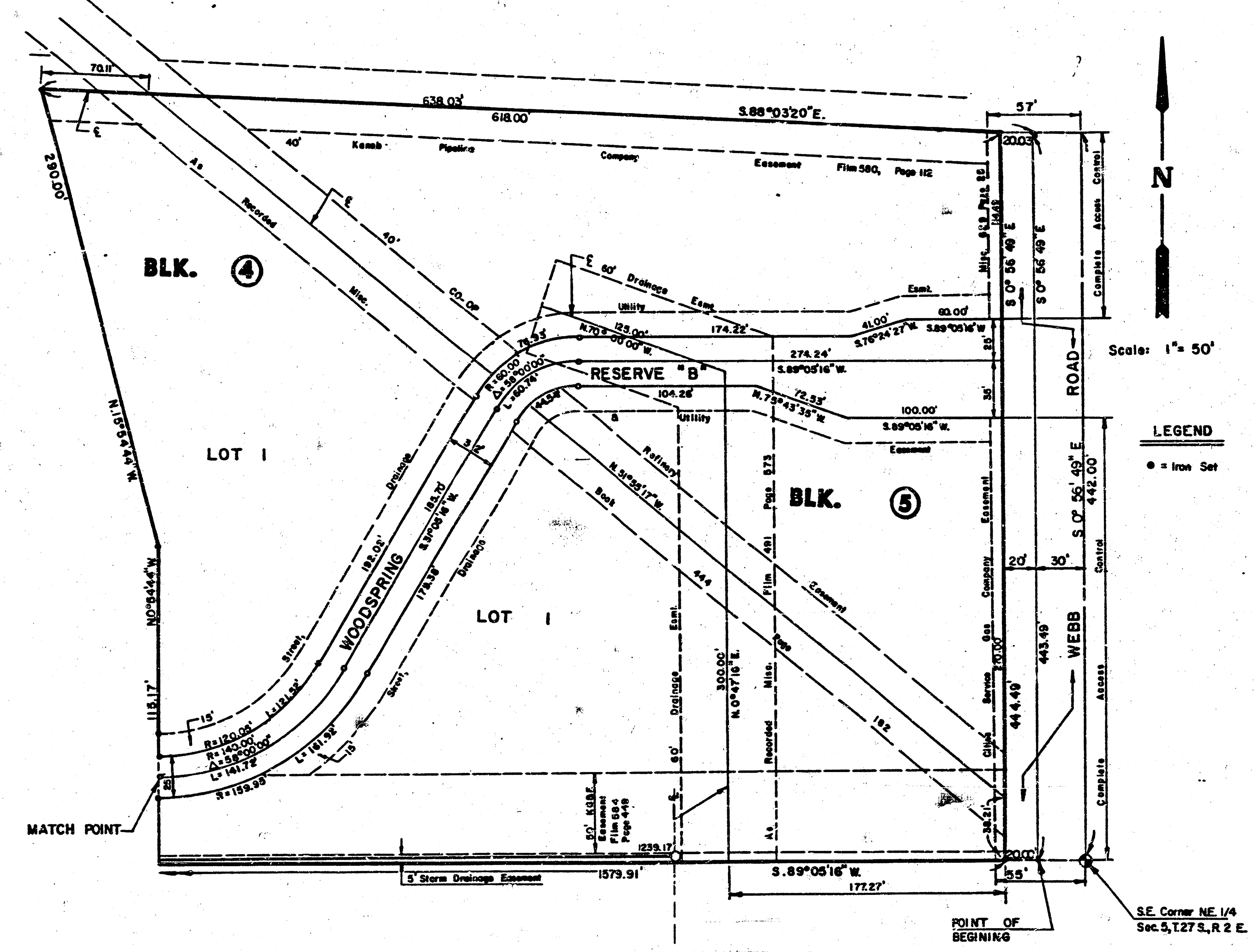


S-2 2-29A

FINAL PLAT OF

WOODSPRING

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 "Woodspring", an addition to Wichita, Sedgwick County, Kansas into lots, blocks, and reserves, the same being accurately set forth in the accompanying plat and described as follows:

A tract of land in the northeast quarter of Section 5, Township 27 south, Range 2 east of the 6th P.M., Sedgwick County, Kansas described as:

Beginning at a point 30.00 feet west of the southeast corner of said northeast quarter; thence along the south line of said northeast quarter bearing S 89° 05' 16" W, 1599.91 feet; thence N 0° 54' 44"W, 75.00 feet; thence N 35° 54' 44" W, 50.00 feet; thence N 68° 54' 44" W, 254.00 feet; thence N 18° 05' 16" E, 182.00 feet; thence N 50° 05' 16" E, 56.00 feet; thence N 71° 05' 16" E, 115.00 feet; thence N 40° 53' 24" E, 231.05 feet to a point on a curve to the right with a central angle of 95°, a radius of 110.00 feet, a length of 182.39 feet and a long chord of 162.20 feet bearing N 82° 35' 16" E; thence N 35° 05' 16" E, 71.00 feet; thence along a curve to the right with a central angle of 142° 30' 00", a radius of 27.50 feet, a length of 68.40 feet and a long chord of 52.08 feet bearing S 73° 39' 44" E; thence S 2° 24' 44 E, 113.00 feet; thence S 67° 24' 44" E, 48.00 feet; thence N 73° 05' 16" E, 67.00 feet; thence S 74° 54' 44" E, 60.00 feet; thence N 63° 05' 16" E, 25.00 feet; thence S 26° 54' 44" E, 540.00 feet; thence N 89° 05' 16" E, 254.37 feet; thence N 0° 54' 44" W, 115.17 feet; thence N 15° 54' 44" W, 290.00 feet; thence S 88° 03' 20" E, 638.03 feet; thence S 0° 56' 49" E, 443.49 feet along the west right of way line of Webb Road 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 22 day of April, 1983.

MICHAEL D. HARDING LICENSED 9399 KANSAS PROFESSIONAL ENGINEER

Michael D. Harding
Michael D. Harding, Civil Engineer
Mid-Kansas Engineering Consultants, P.A.
240 N. Rock Road, Suite 130
Wichita, Kansas 67206

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, and reserves, the same to be known as "Woodspring", an addition to Wichita, Sedgwick County, Kansas. Easements for the construction and maintenance of public utilities and drainage, as indicated on the accompanying plat, are hereby granted to the City of Wichita. Reserves "A" and "F" are platted for construction and maintenance of public utilities and open space. Reserve "B" is platted for construction and maintenance of public utilities except for that portion within the 50' K.G.& E. easement, parking, open space, drainage, and private drives. Reserve "C" is platted for a firelane, storm sewer, and open space. Reserves "D" and "E" are platted for a 50' K.G.& E. easement, parking, construction and maintenance of public utilities in the easements shown on the face of the plat. All reserves shall be owned and maintained by the Woodspring Homeowners Association. The floodway easement in Lots 1 and 2, Block 3, and Lots 7 and 8, Block 2 shall be the responsibility of the owner(s) of the same. Provided further, that no structure shall be constructed on or within said floodway easement, nor shall any fill, change of grade, creation of channel or other work be carried on without the permission of the Wichita-Sedgwick County Flood Control Office or their successors of office. All abutters rights of access to or from Webb Road, over and across the east line of Blocks 4 and 5 are hereby granted to the City of Wichita, Kansas. Minimum pad elevation for Lots 4 through 8 inclusive, Block 2 shall be 207.8 and Lots 1 and 2, Block 2 shall be 203.8, City of Wichita Datum.

Tallgrass Company, a Partnership

By: E.D. Ritchie
E.D. Ritchie, Partner

STATE OF KANSAS
ss:
COUNTY OF SEDGWICK

Be it remembered that on this 22nd day of April, 1983, before me, a Notary Public in and for said State and County, came E.D. Ritchie, on behalf of Tallgrass Company, a Partnership, 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.

Linda S. Graham
Notary Public LINDA S. GRAHAM

My Appointment Expires: 2-9-86

#636439

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

Dated this 7TH day of April, 1983.

Wichita-Sedgwick County Metropolitan Area Planning Commission

David Bayouth, Chairman
David Bayouth

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 3RD day of May, 1983.

Margalee Wright, Mayor
Margalee Wright

Donald C. Gisick, City Clerk
Donald C. Gisick

This plat approved and all dedications shown hereon, if any, accepted by the Board of County Commissioners of Sedgwick County, Kansas, this 26 day of May, 1983.

Jack Spratt, Chairman
Jack Spratt

Donald E. Gragg, Commissioner
Donald E. Gragg

Tom Scott, Commissioner
Tom Scott

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

Entered on transfer record this 26 day of May, 1983.

Dorothy K. White, County Clerk
Dorothy K. White

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 12:15 P.M. on the 16TH day of JUNE, 1983.

Bette F. McCart, Register of Deeds
Bette F. McCart

Pat Kettler, Deputy
Pat Kettler

Sheet 9 of 10

S-2 2-29A

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REINFORCED CONCRETE MANHOLE

