

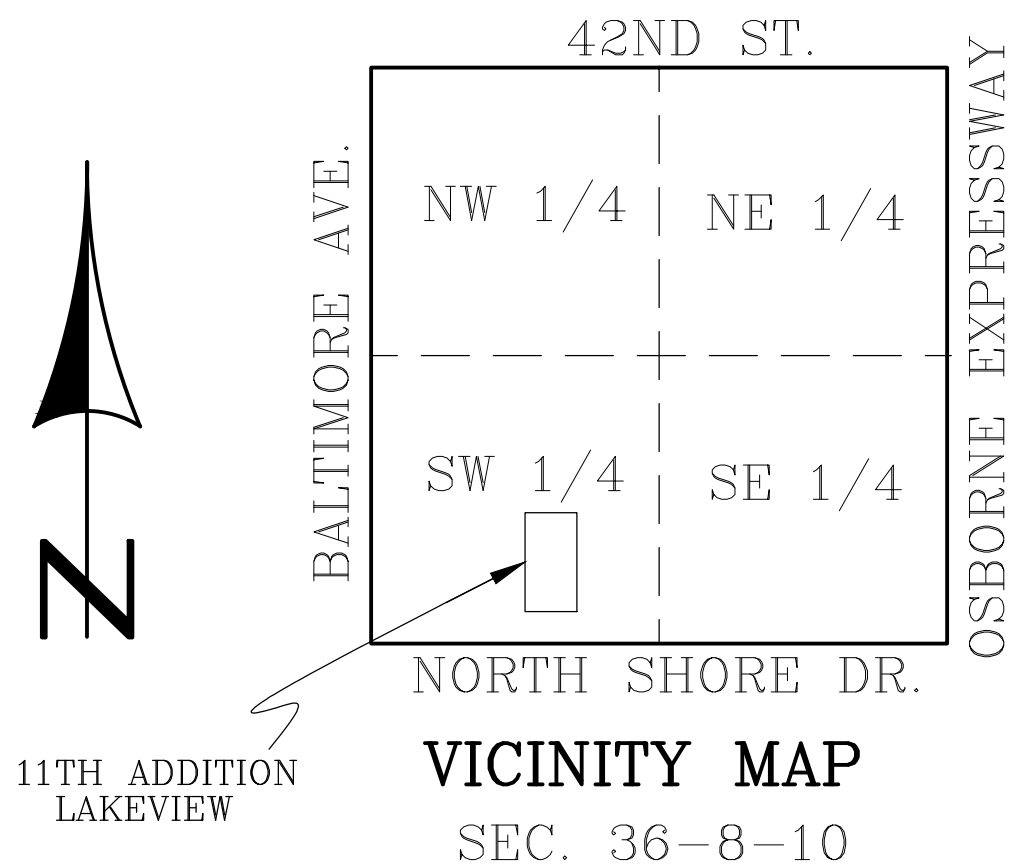
LAKEVIEW 11TH ADDITION

WATER PROJECT WR-145

HASTINGS, NEBRASKA

INDEX OF DRAWINGS	
SHEET #	SHEET TITLE
CVR	COVER PAGE
W-1	WATER SERVICE OVERALL PLAN
W-2	WATER SERVICE PLAN & PROFILE - W. 28TH ST.
W-3	WATER SERVICE PLAN & PROFILE - MORRELL LANE
W-4	WATER SERVICE PLAN & PROFILE - MORRELL LANE
W-5	H.U. WATER SERVICE DETAILS

NOTE: SEE PROJECT MANUAL FOR CITY STANDARD WATER AND SEWER DETAILS.



VICINITY MAP
SEC. 36-8-10

SUMMARY OF QUANTITIES

WATER PROJECT			
1	8" DIP WATER MAIN PC-350	823	L.F.
2	8" M.J. GATE VALVE W/BOX	2	EA.
3	6" M.J. GATE VALVE W/BOX	1	EA.
4	8" FOSTER ADAPTOR	1	EA.
5	DUCTILE IRON FITTINGS	561	LBS
6	6" FIRE HYDRANT (6'-0" BURY)	1	EA.
7	8"x1" SERVICE SADDLE & CORP. STOP	16	EA.
8	1" CURB STOP & BOX ASSEMBLY	16	EA.
9	1" PE SERVICE LINE	480	L.F.
10	REMOVE AND RELOCATE HYDRANT, ETC.	1	L.S.

GENERAL NOTES

- CONTRACTOR SHALL VERIFY LOCATION (INCLUDING DEPTH OR HEIGHT) OF ALL UTILITIES BEFORE CONSTRUCTION WITHIN THE PROJECT AREA. DIGGERS HOTLINE 1-800-331-5666.
- CONTRACTORS SHALL PROTECT ALL PROPERTY CORNER PINS. ANY PINS DISTURBED DURING CONSTRUCTION SHALL BE RESET BY A LICENSED SURVEYOR AT THE CONTRACTORS EXPENSE.
- NEWLY PLATTED AREAS AND DEVELOPER DESIGNATED BORROW AND FILL AREAS CONSTITUTE THE LIMITS OF CONSTRUCTION UNLESS NOTED OTHERWISE.
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APPROVAL

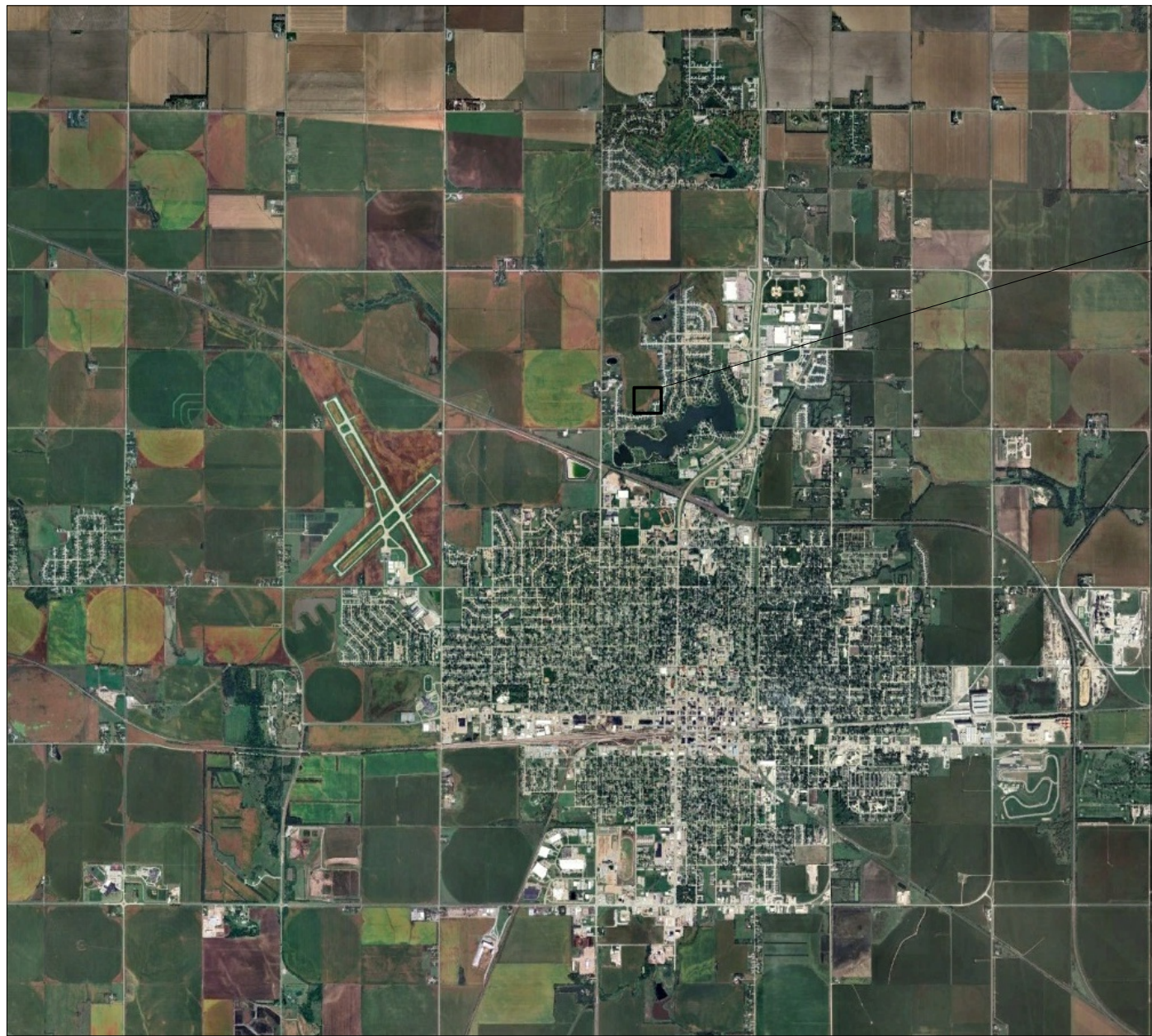
LEE VROOMAN, P.E.
DIRECTOR OF ENGINEERING / CITY ENGINEER

DATE

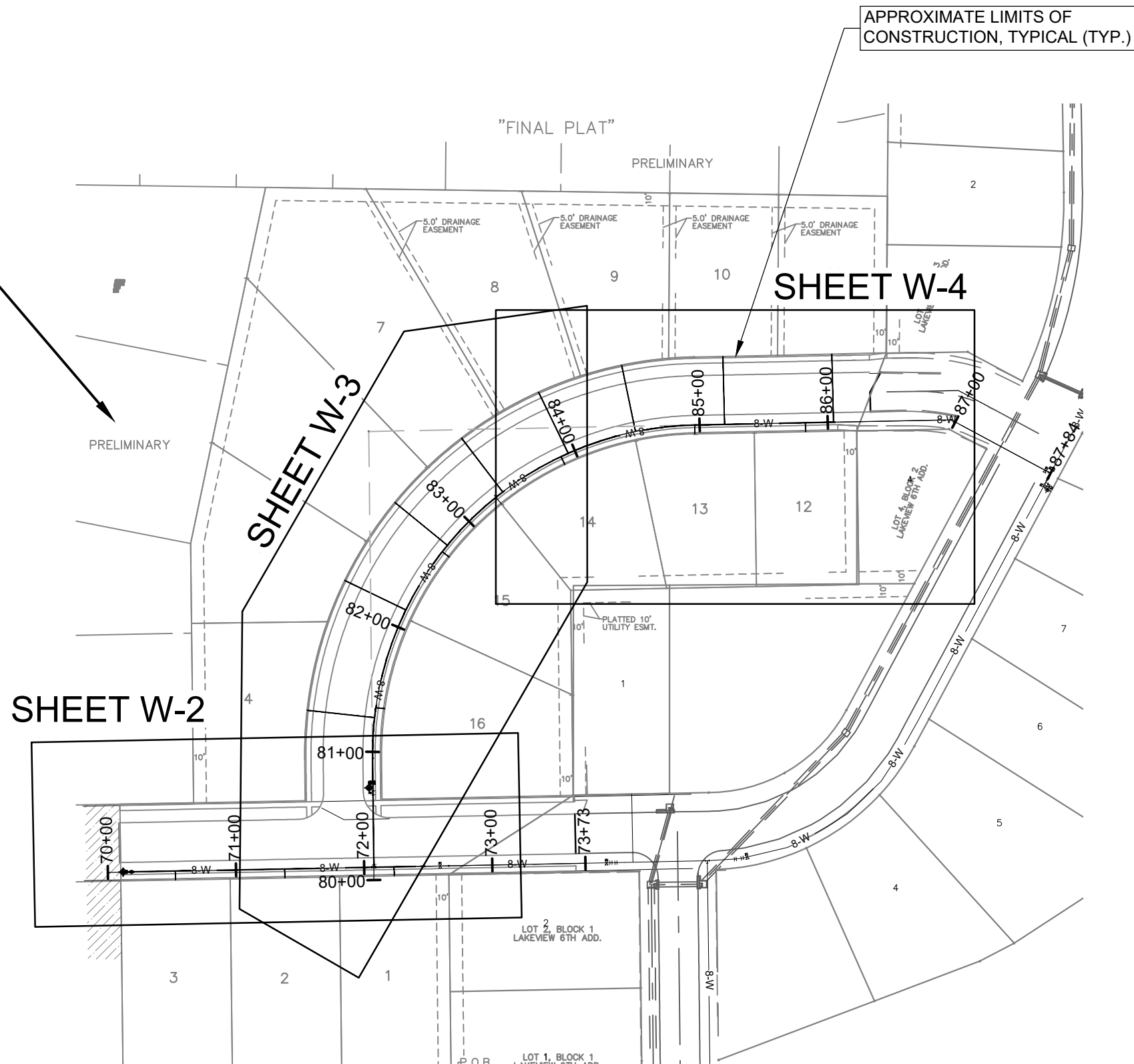
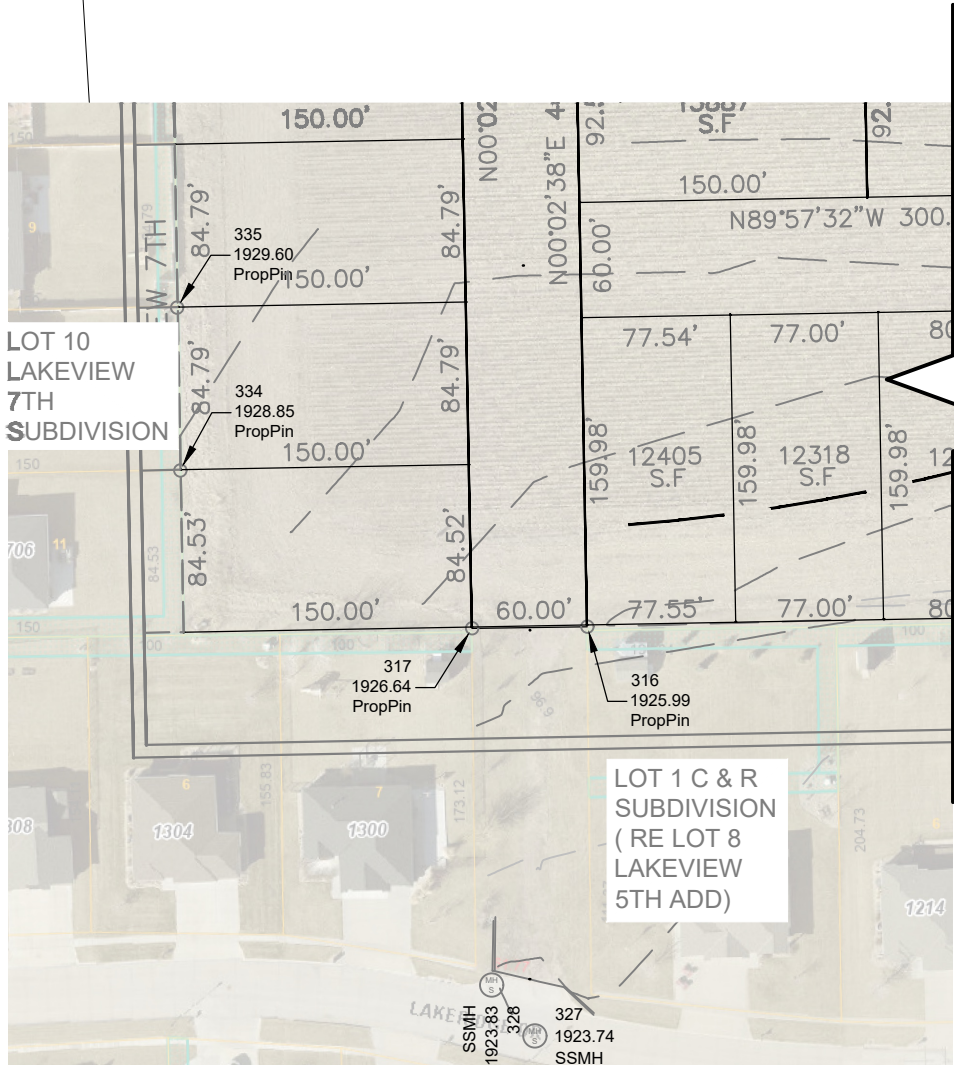


I, Steven W. Wolford, am the Coordinating Professional on the Lakeview 11th Addition project.

This bar is one inch long on original drawing.
If not one inch on this sheet, adjust scales accordingly.



PROJECT LOCATION



WESTBROOK VILLAGE LLC
LAKEVIEW 11TH ADDITION
HASTINGS, NEBRASKA 68901

DESIGN ASSOCIATES
241 E. 1ST ST. MOORE, NE 68901 (308) 345-2371
200 W. 26TH ST. HASTINGS, NE 68901 (402) 462-2371
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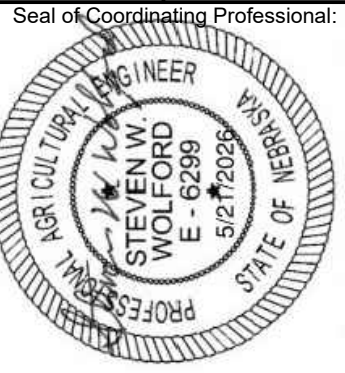
DWG: 921-26 C-11 WATER PLAN
DRAWN: JMT
CHECKED: SWW
REVISIONS
APPENDIX #1 08/03/2026

CVR

DATE: MAY, 2026

WESTBROOK VILLAGE LLC
LAKEVIEW 11TH ADDITION
HASTINGS, NEBRASKA 68901

DESIGN ASSOCIATES
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2601 W. 260TH ST. HASTINGS, NE 68021 (402) 432-3371 (HWM) WOODWORK.COM

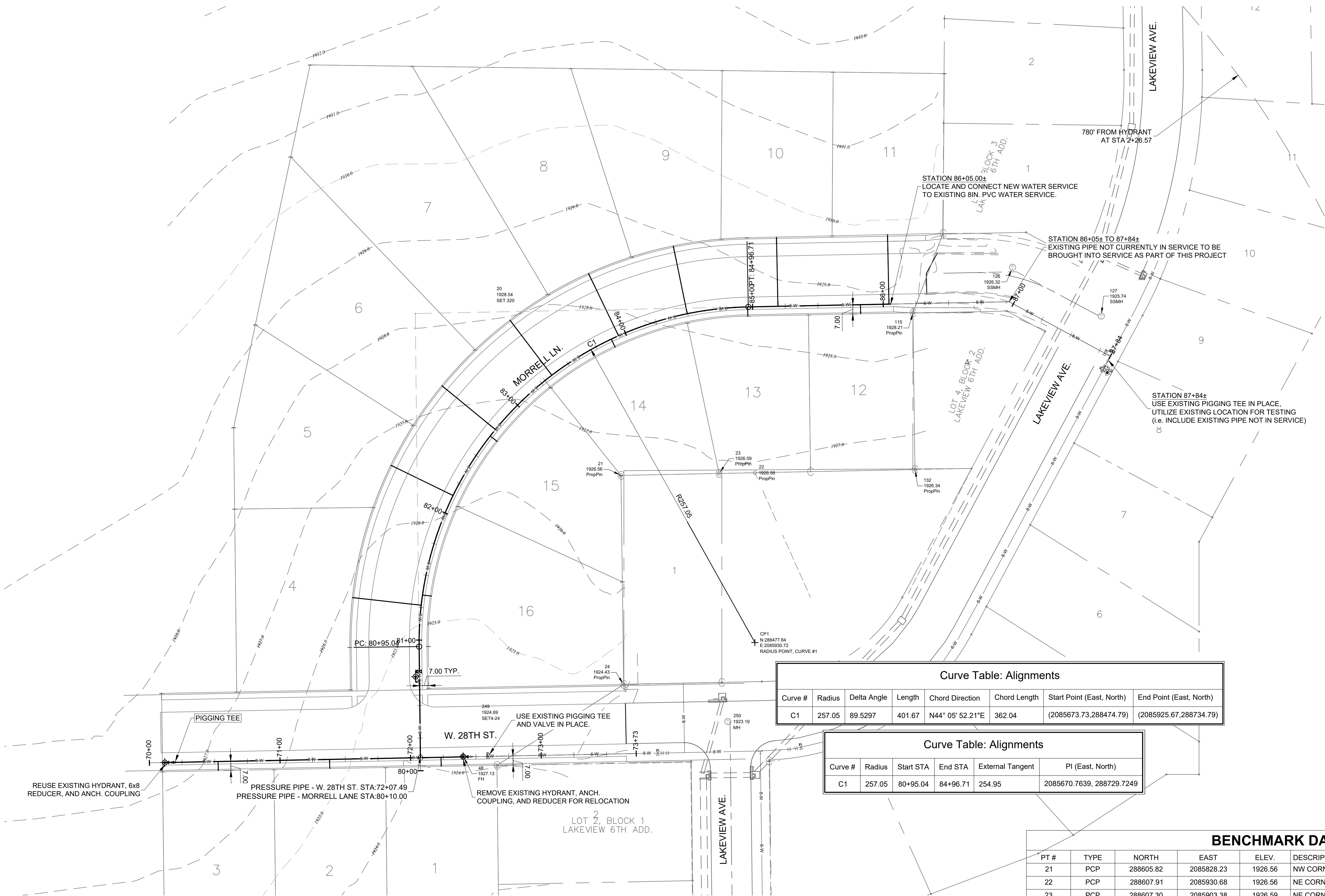


DWG: 921-26 C-11 WATER PLAN

DRAWN: JMT
CHECKED: SWW
REVISIONS

W-1

DATE: MAY, 2026



Curve Table: Alignments							
Curve #	Radius	Delta Angle	Length	Chord Direction	Chord Length	Start Point (East, North)	End Point (East, North)
C1	257.05	89.5297	401.67	N44° 05' 52.21"E	362.04	(2085673.73, 288474.79)	(2085925.67, 288734.79)

Curve Table: Alignments					
Curve #	Radius	Start STA	End STA	External Tangent	PI (East, North)
C1	257.05	80+95.04	84+96.71	254.95	2085670.7639, 288729.7249

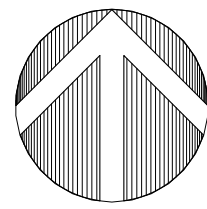
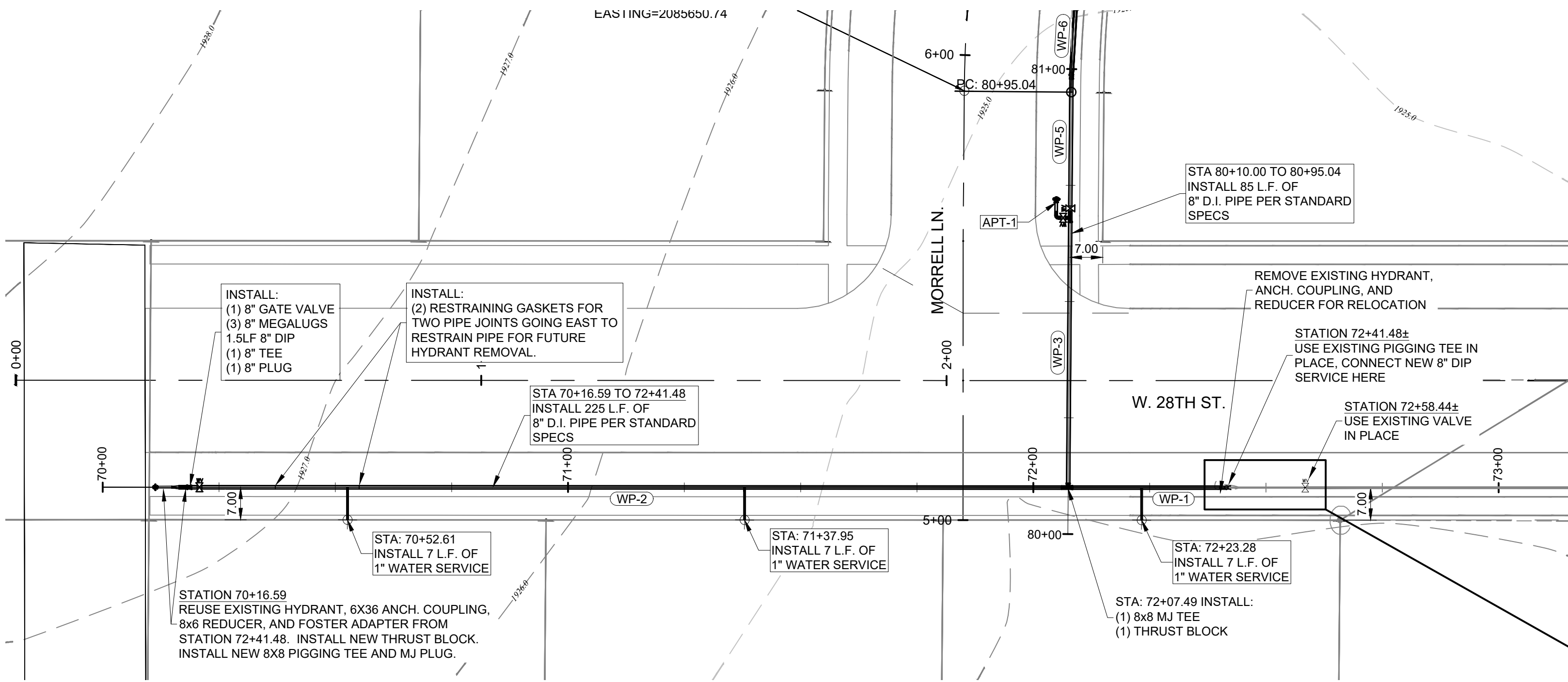
BENCHMARK DATA					
PT #	TYPE	NORTH	EAST	ELEV.	DESCRIPTION
21	PCP	288605.82	2085828.23	1926.56	NW CORNER OF LOT 1 BLK 2
22	PCP	288607.91	2085930.68	1926.56	NE CORNER LOT 1 WHITSEL SECOND SUB-DIV
23	PCP	288607.30	2085903.38	1926.59	NE CORNER LOT 1 BLK 2, NW CORNER LOT 1 WHITSEL SECOND SUB-DIV
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126	SSMH	288765.07	2086127.92	1926.32	CENTER OF LID ON SANITARY SEWER MANHOLE ~67' EAST OF END OF MORRELL LANE
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WATER SERVICE OVERALL PLAN
SCALE: 1" = 40'

I, Steven W. Wolford, am the Coordinating Professional on the Lakeview 11th Addition project.

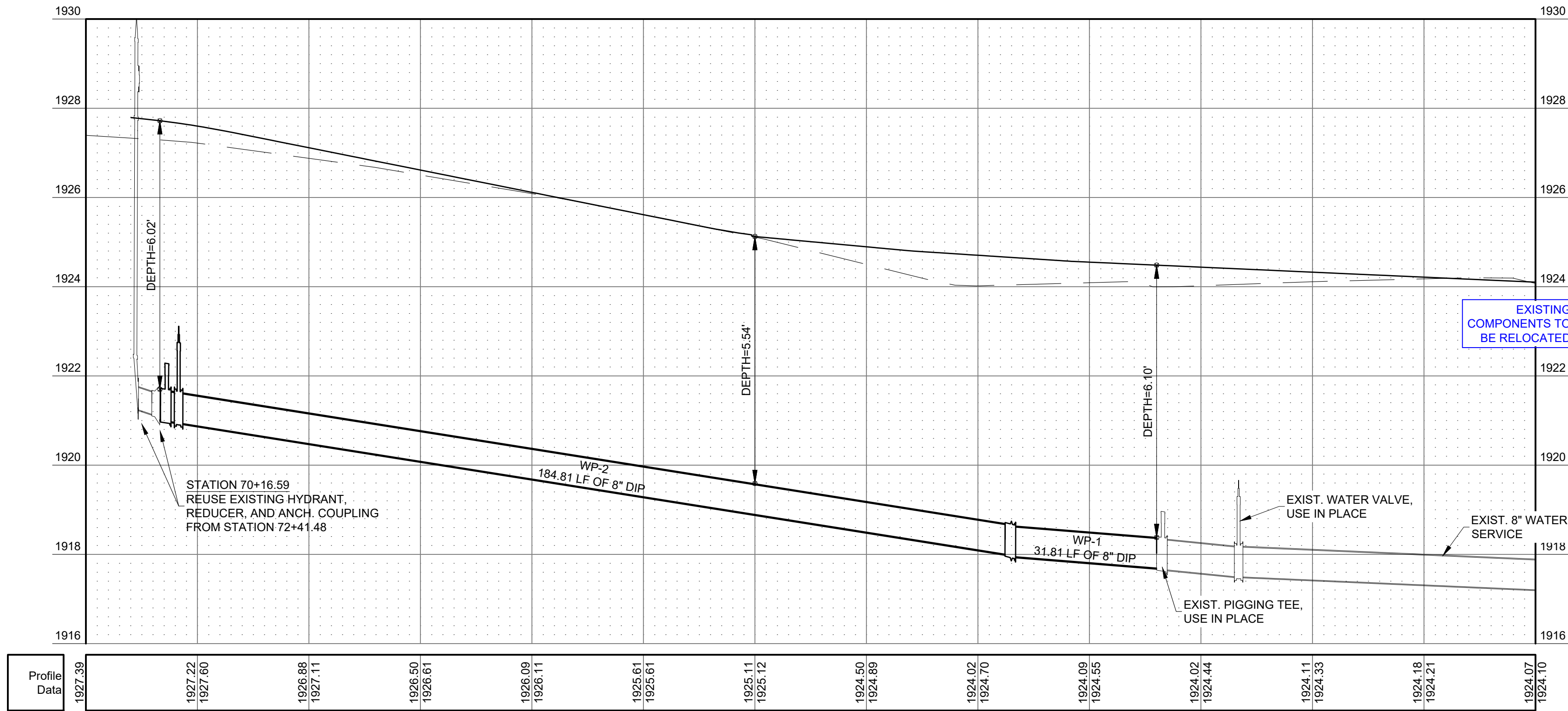
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WATER SERVICE PLAN - W. 28TH STREET

SCALE: 1" = 20'

PRESSURE PIPE - W. 28TH ST. PROFILE

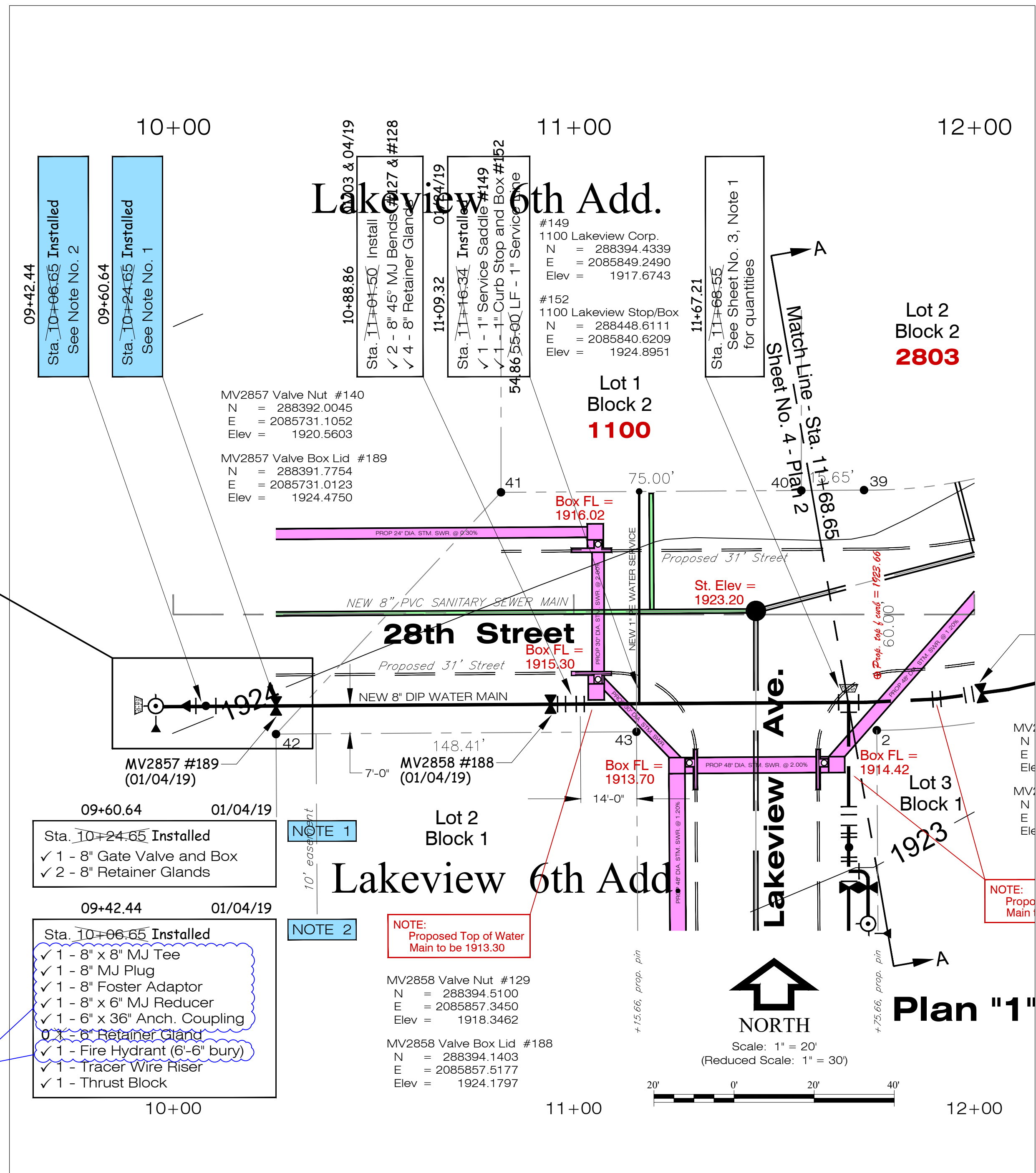


WATER SERVICE PROFILE - W. 28TH STREET

SCALE: 1" = 20'

HORIZONTAL SCALE: 1" = 20'

VERTICAL SCALE: 1" = 4'



H.U. AS-BUILT WATER SERVICE PLAN - W. 28TH STREET

SCALE: 1" = 20'

WESTBROOK VILLAGE LLC

LAKEVIEW 11TH ADDITION

HASTINGS, NEBRASKA 68901

DESIGN ASSOCIATES

241 E. 1ST ST. MOORE, NE 68901 (308) 345-2371

2020 W. 24TH ST. HASTINGS, NE 68901 (308) 345-2371

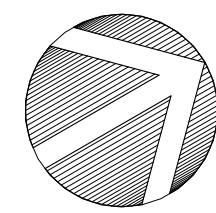
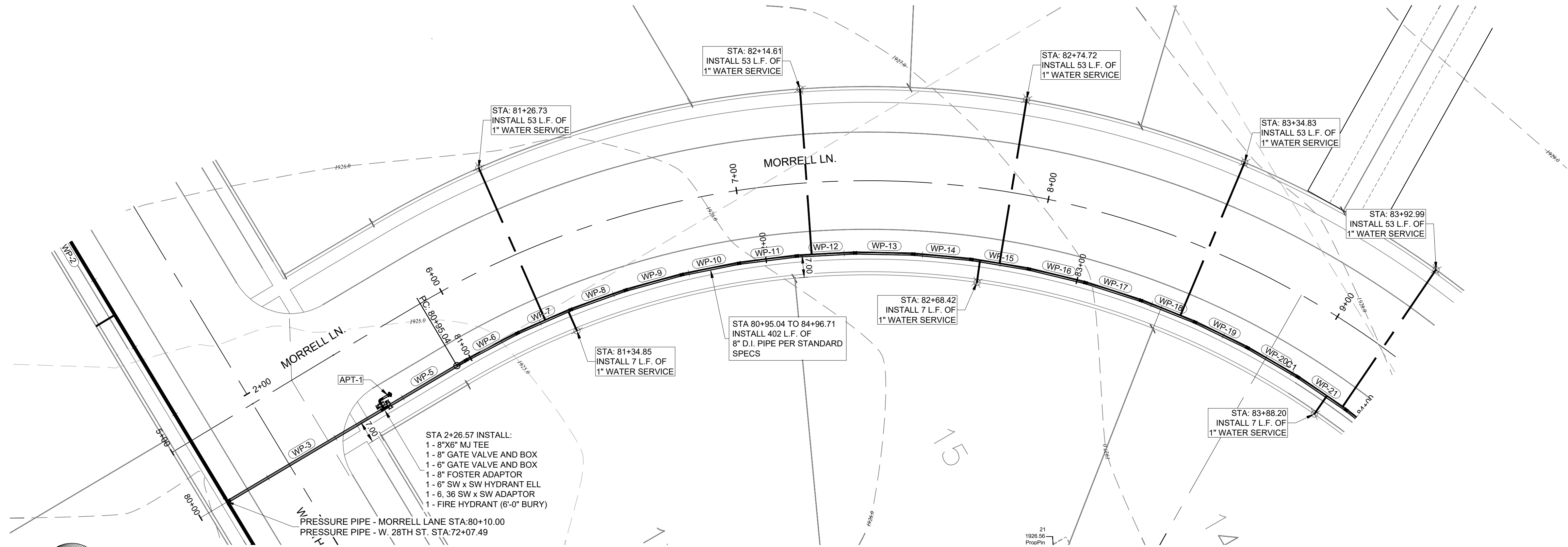
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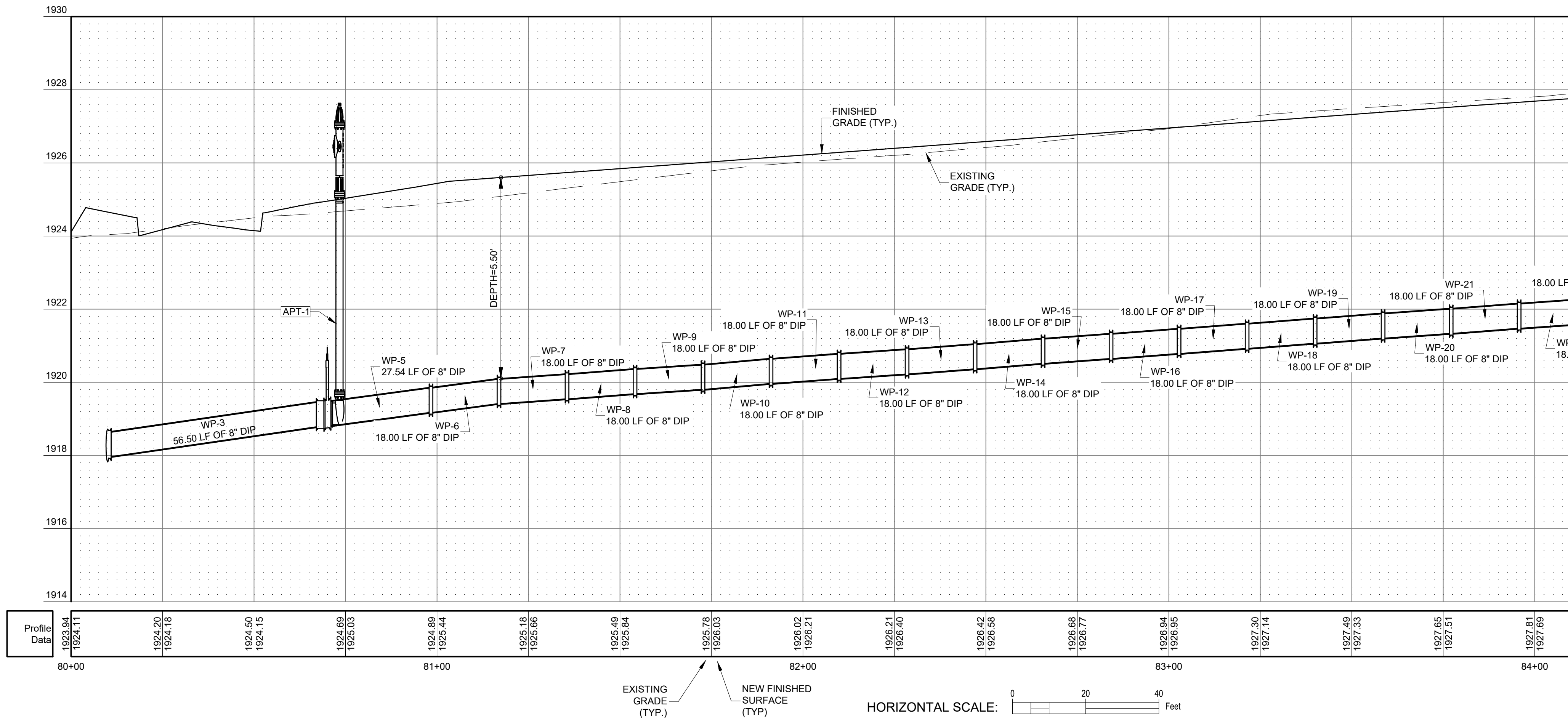
DATE: MAY, 2026

W-2



WATER SERVICE PLAN - MORRELL LANE

SCALE: 1" = 20'



WATER SERVICE PROFILE - MORRELL LANE

SCALE: 1" = 20'

HORIZONTAL SCALE: 0 20 40 Feet
VERTICAL SCALE: 0 2 4 Feet

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WESTBROOK VILLAGE LLC LAKEVIEW 11TH ADDITION HASTINGS, NEBRASKA 68901

DESIGN ASSOCIATES
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200 W. 266 ST. HASTINGS, NE 68901 | 308.345.2371 | WWW.DESIGNASSOCIATES.COM

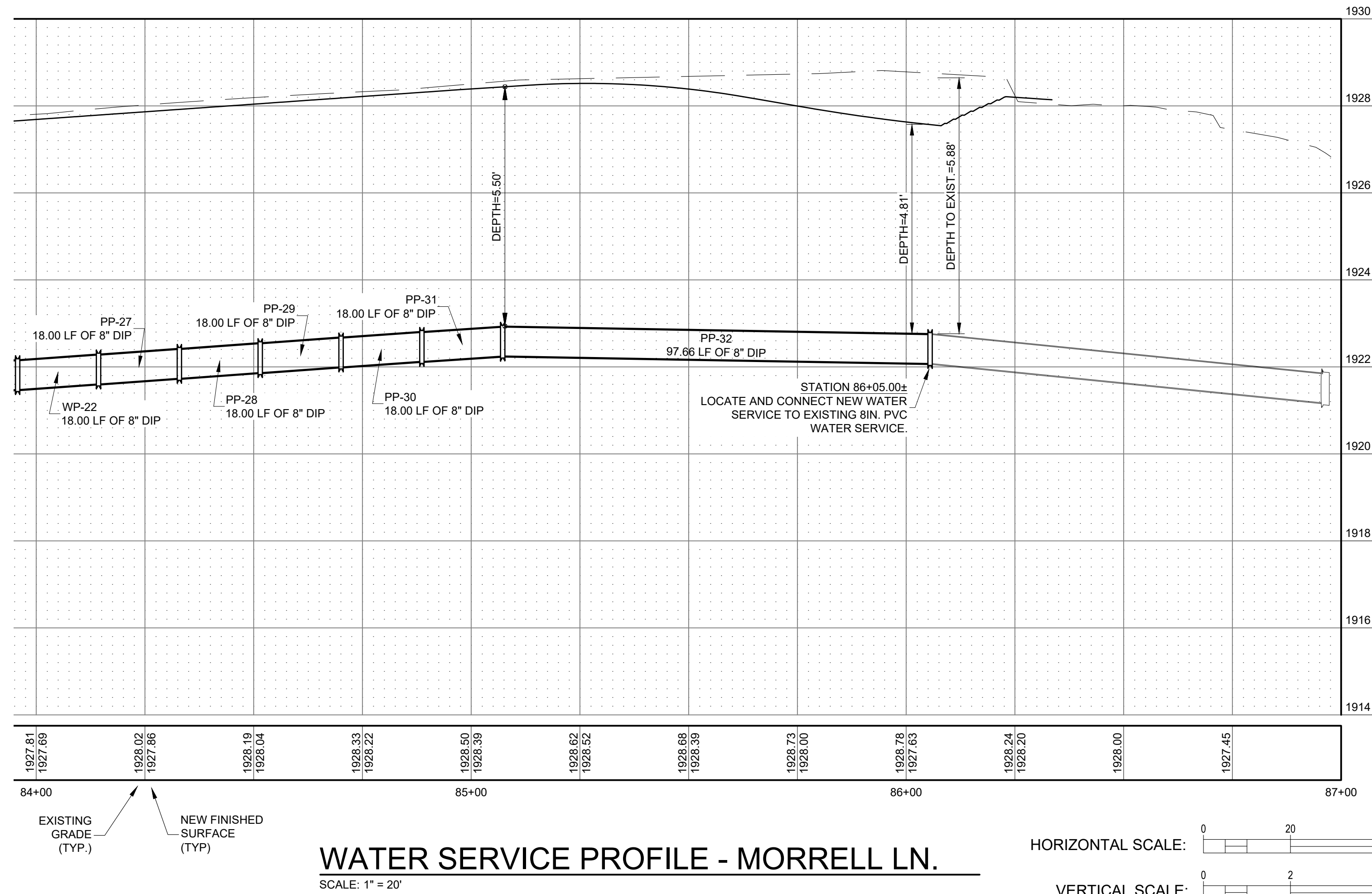
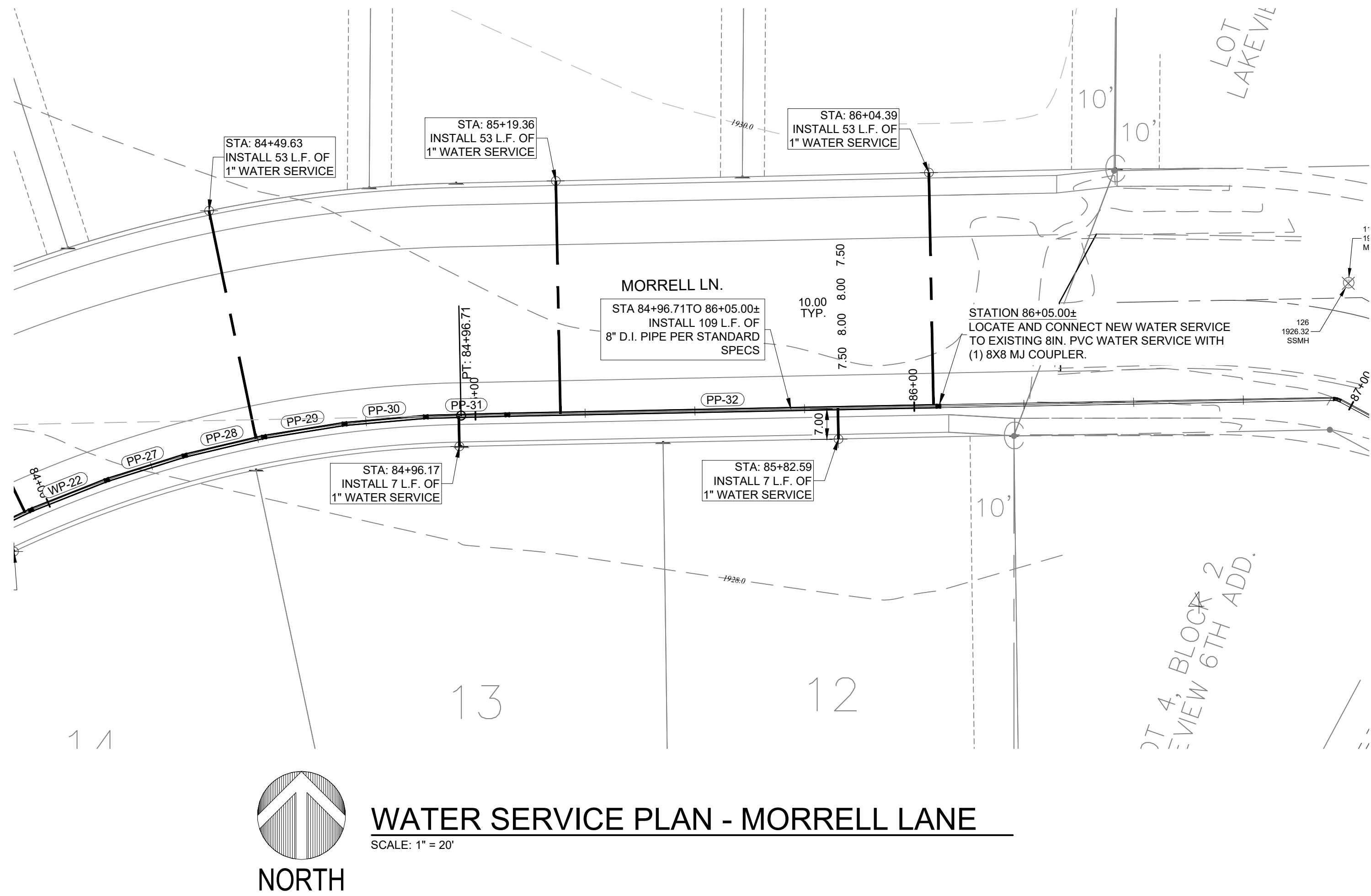


DWG: 921-26 C-11 WATER PLAN
DRAWN: JMT
CHECKED: sww
REVISIONS

W-3

DATE: MAY, 2026

\\AS2-Alfa-Anderson-Drawings\\021-26 Lakeview 11th Addition\\Drawings\\021-26 C-1 Water Planning 5/21/2025 12:01:21 PM jhoras
DWG to PDF.plt



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LAKEVIEW 11TH ADDITION
HASTINGS, NEBRASKA 68901

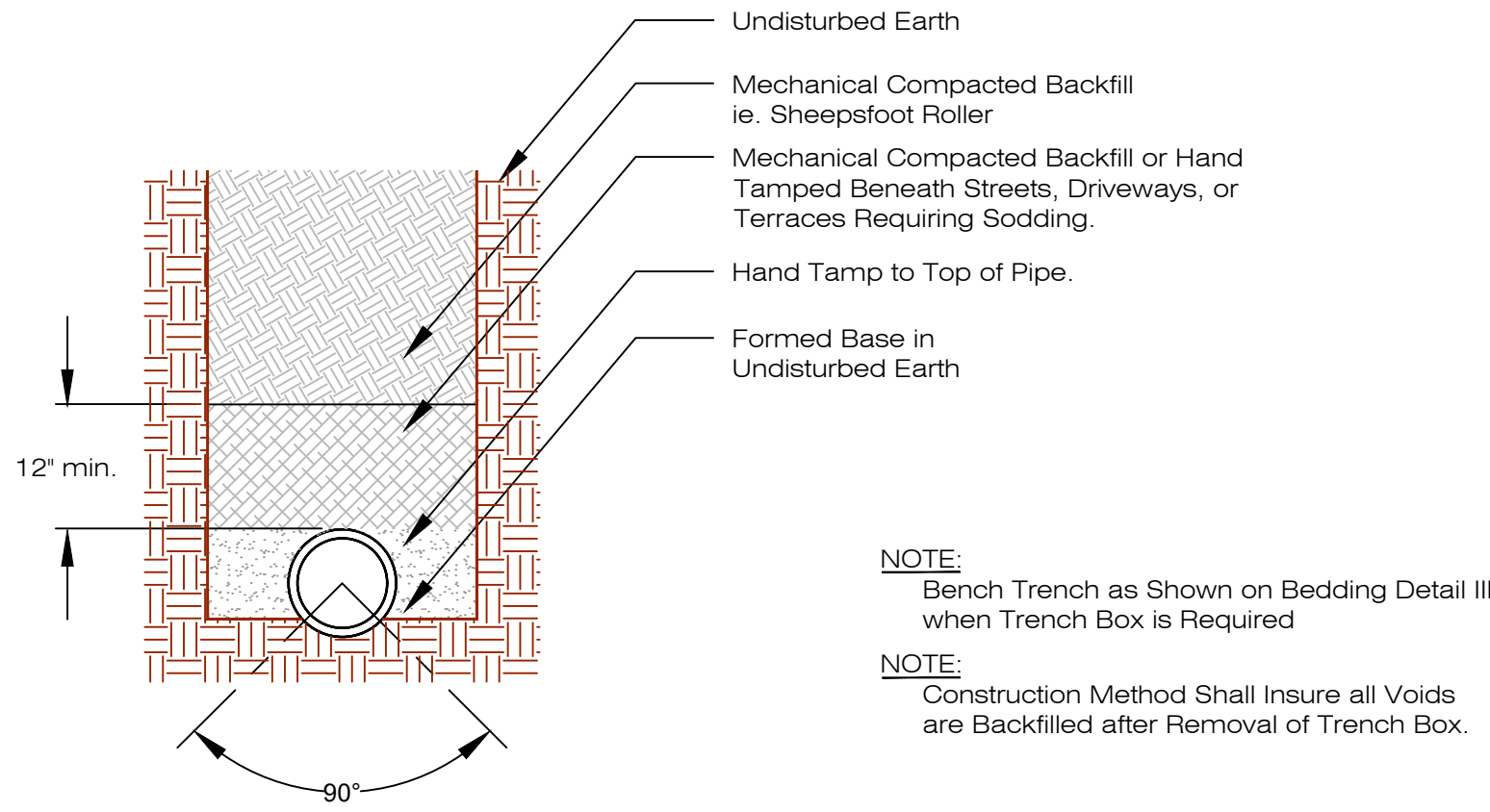
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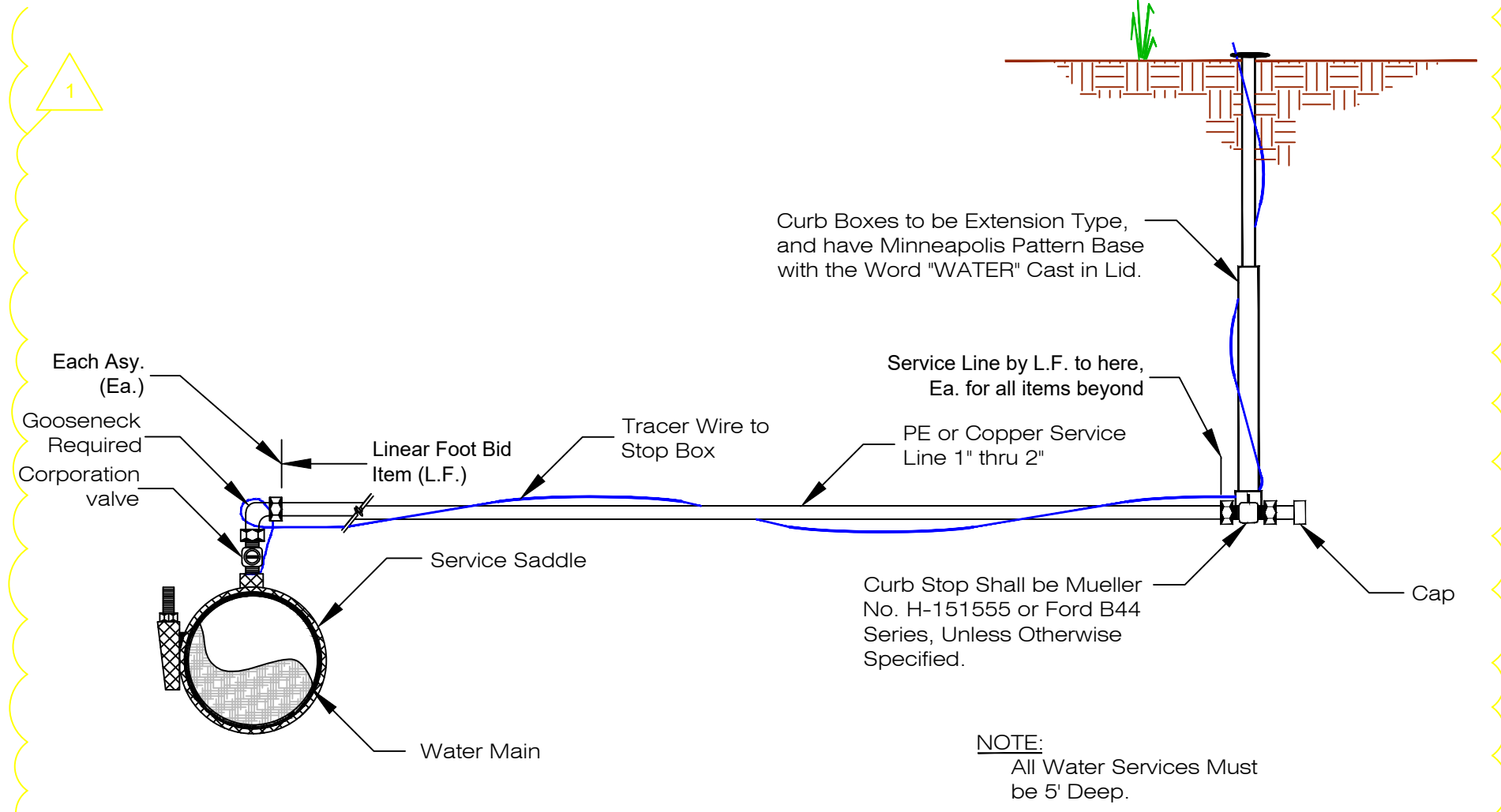
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DRAWN: JMT
CHECKED: SWW
REVISIONS

W-4

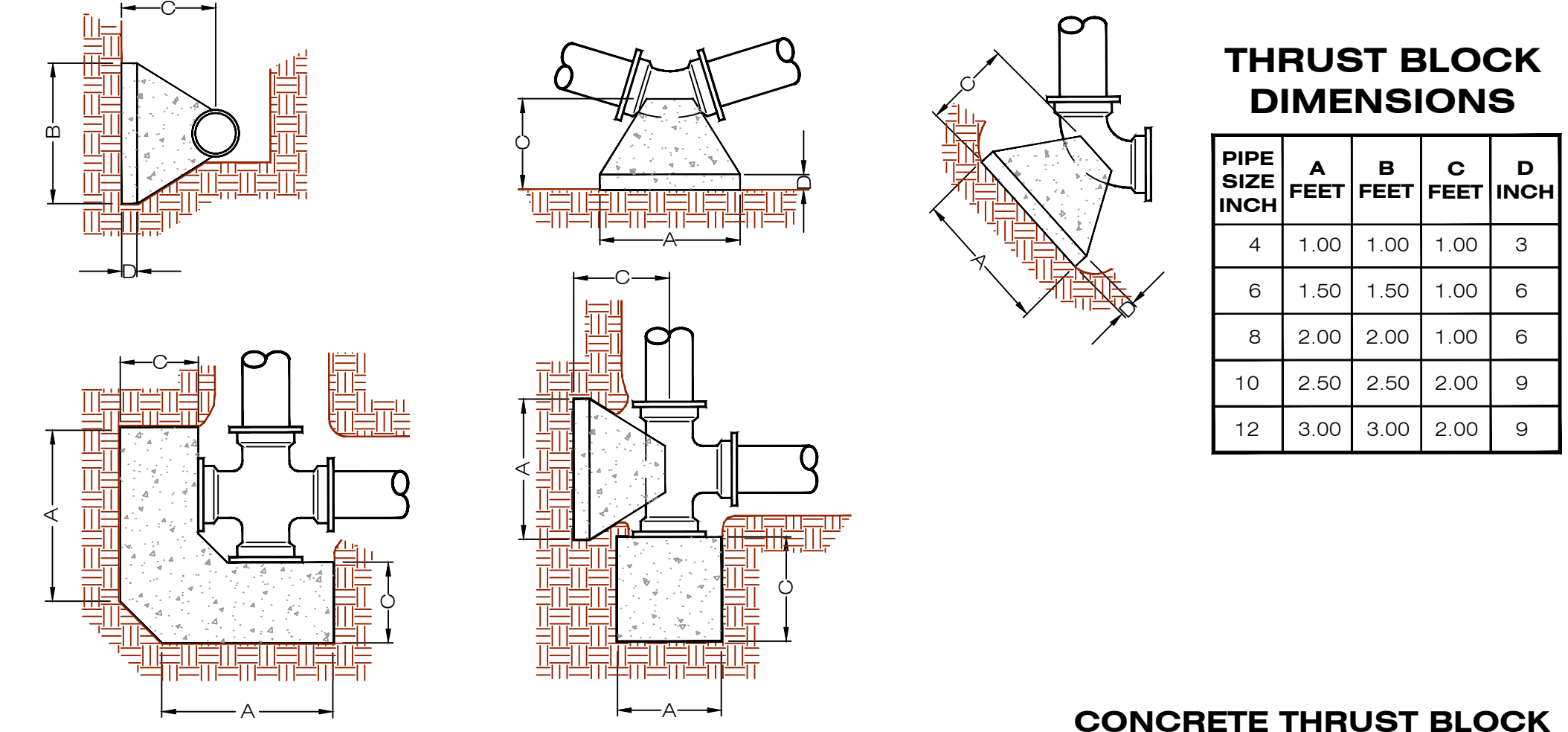
DATE: MAY, 2026



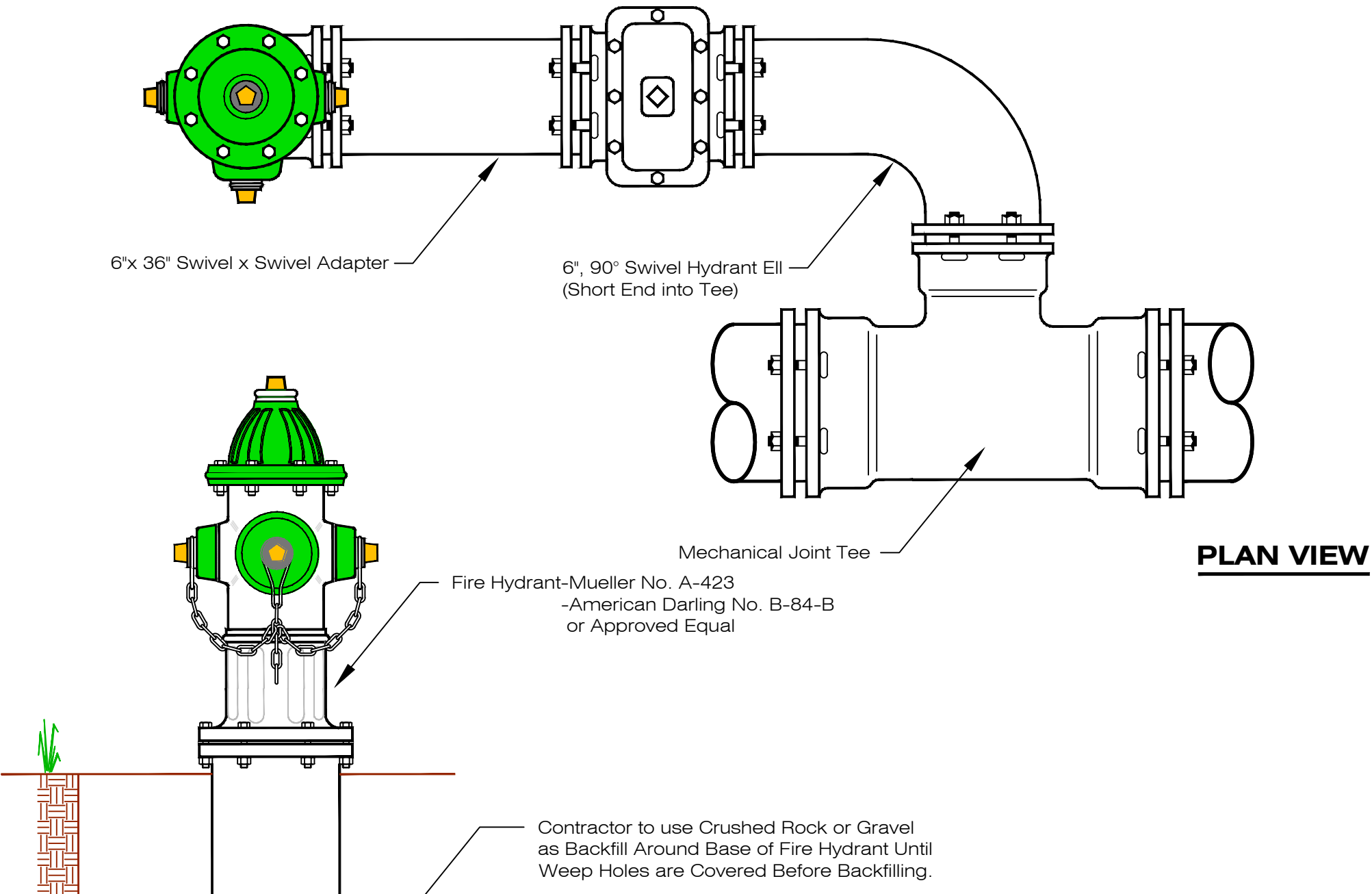
TYPE II BEDDING-DIP WATER MAIN
Not to Scale



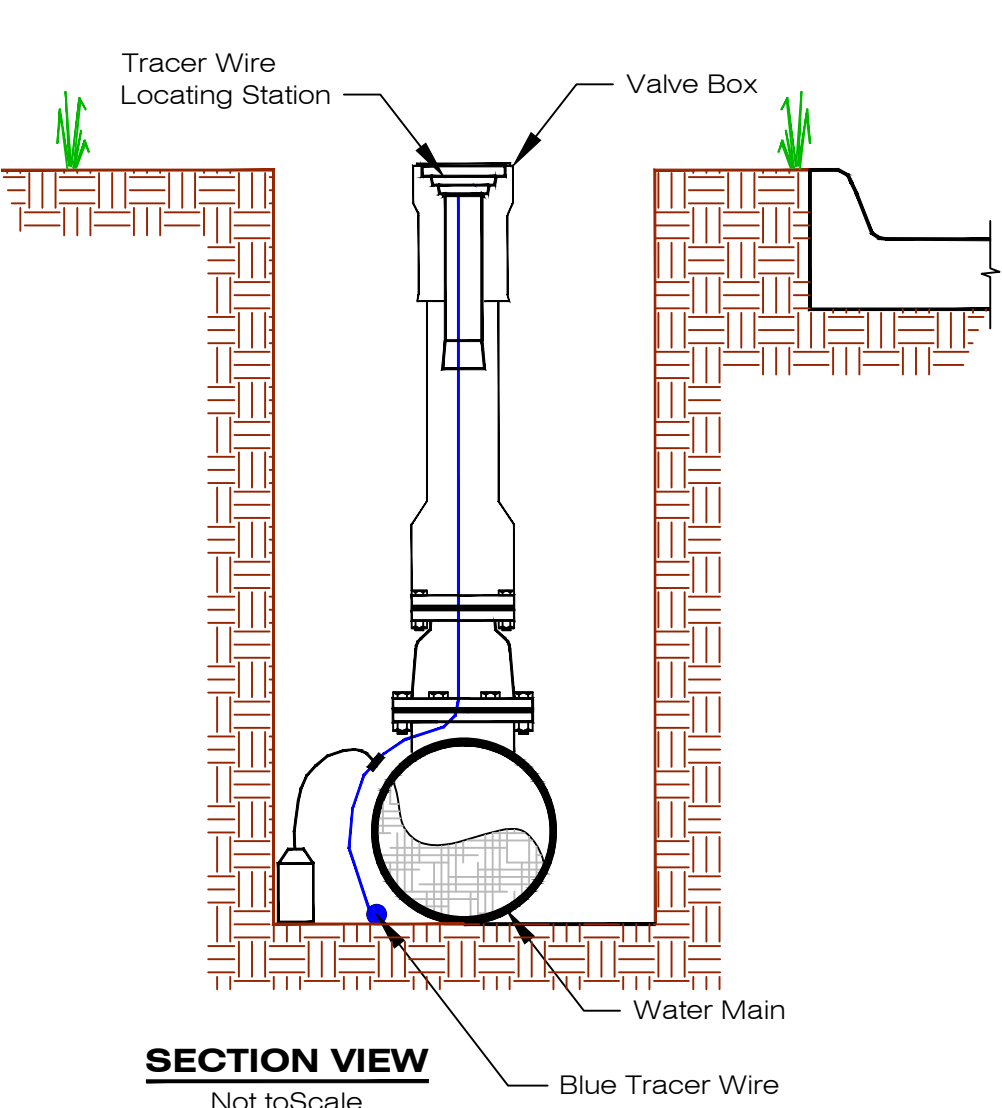
SERVICE AND SERVICE SADDLE CONNECTION 3/4" THRU 2"
Not to Scale



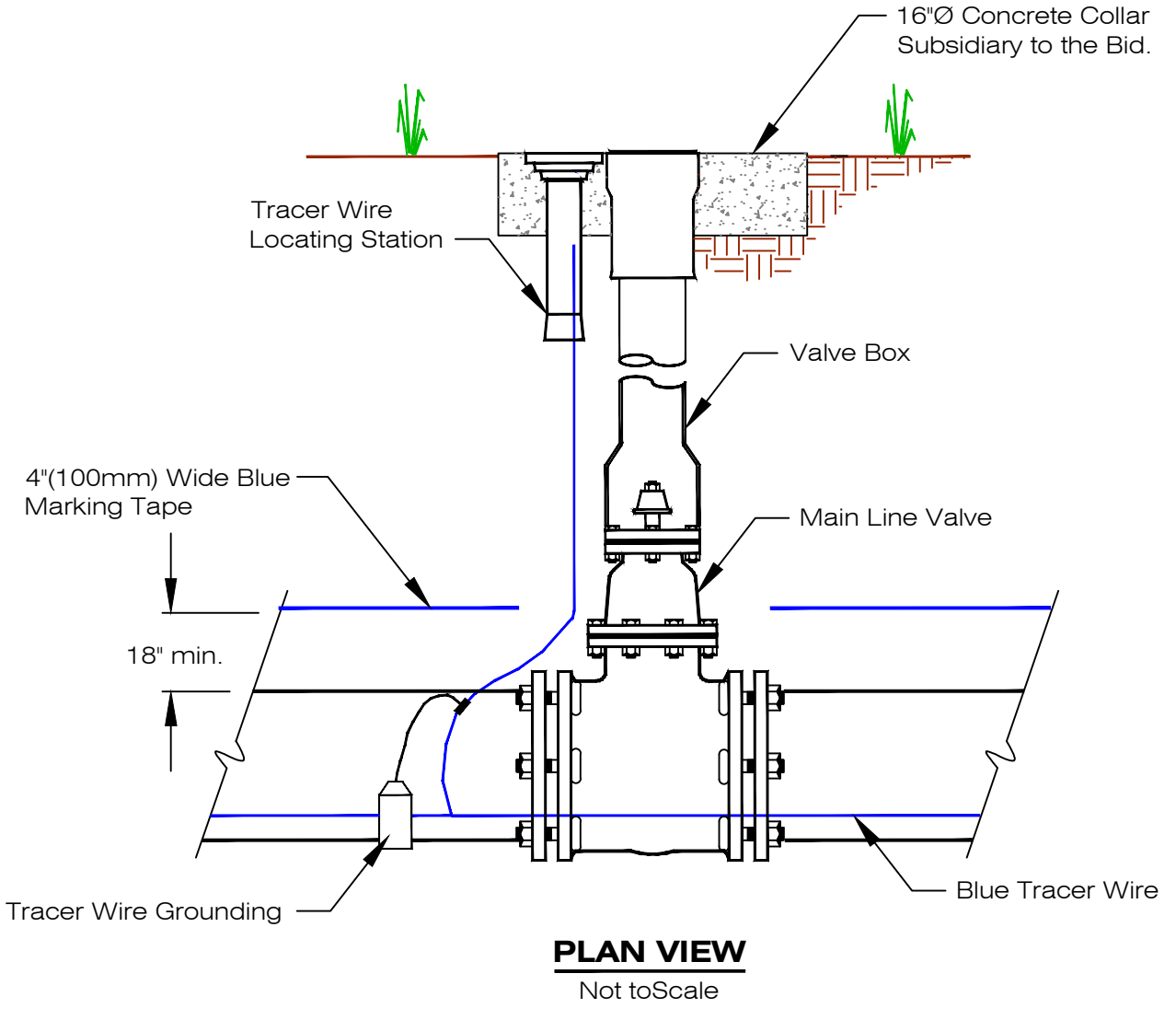
CONCRETE THRUST BLOCK
Not to Scale



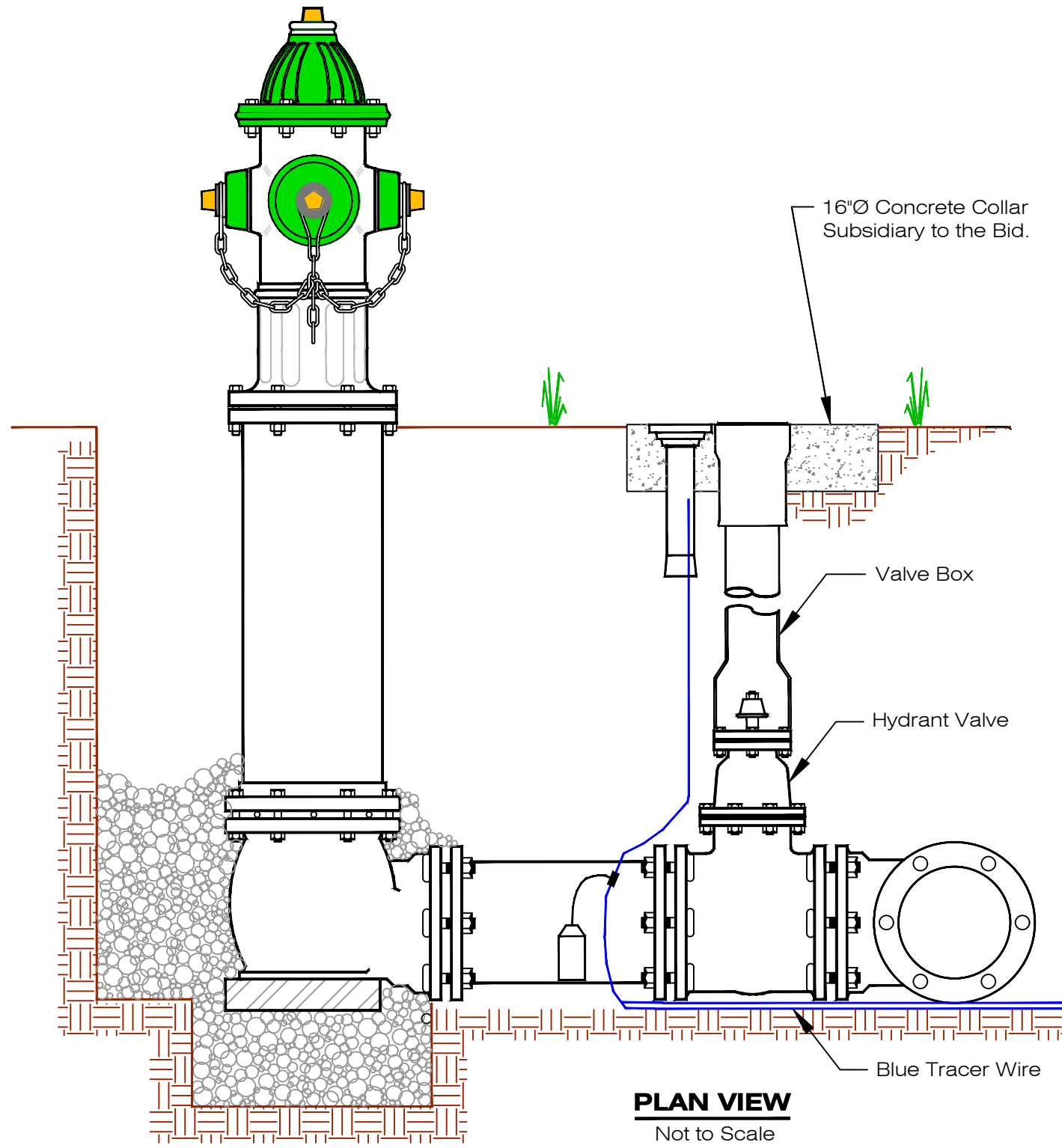
PLAN VIEW



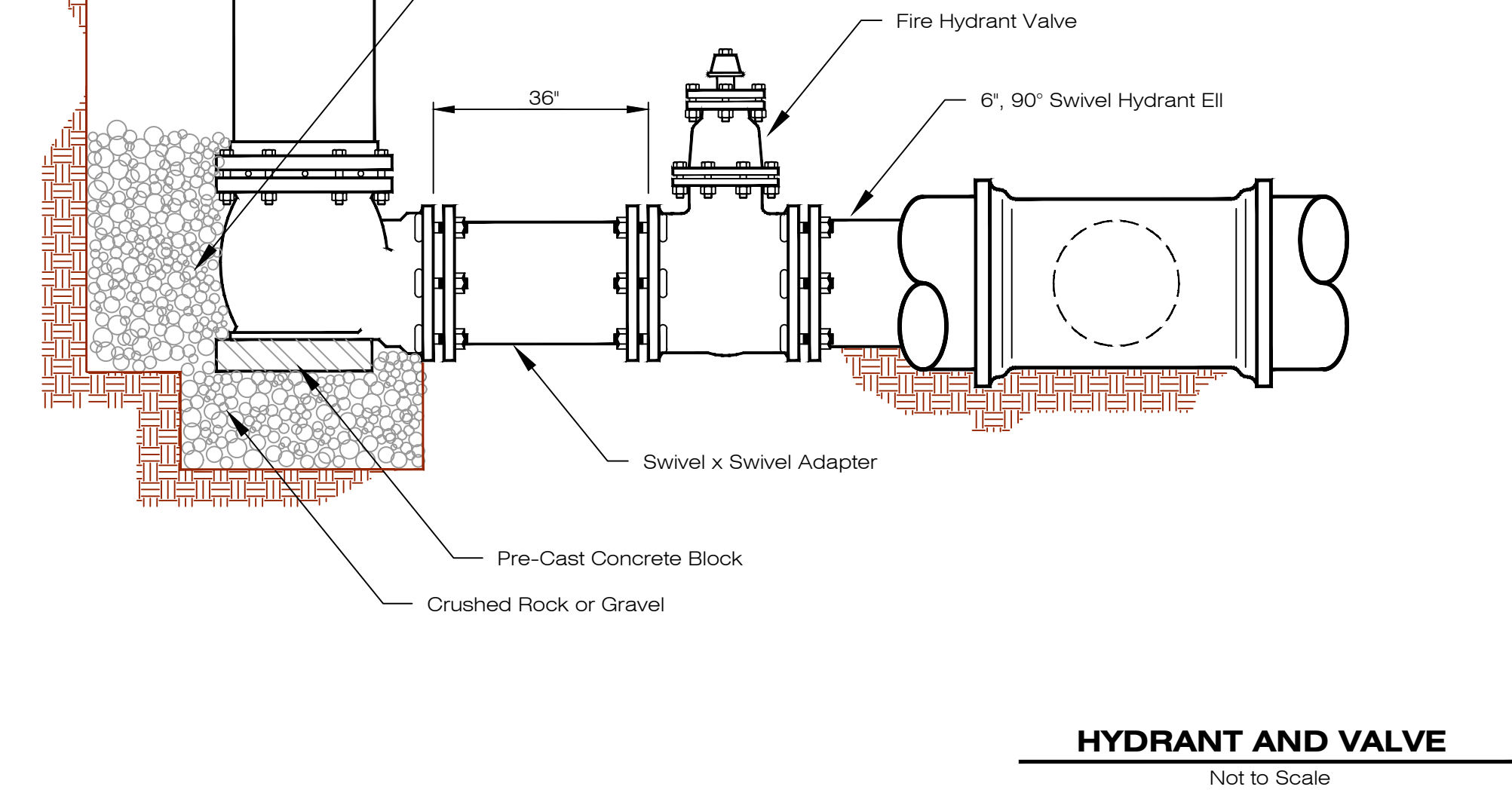
SECTION VIEW
Not to Scale



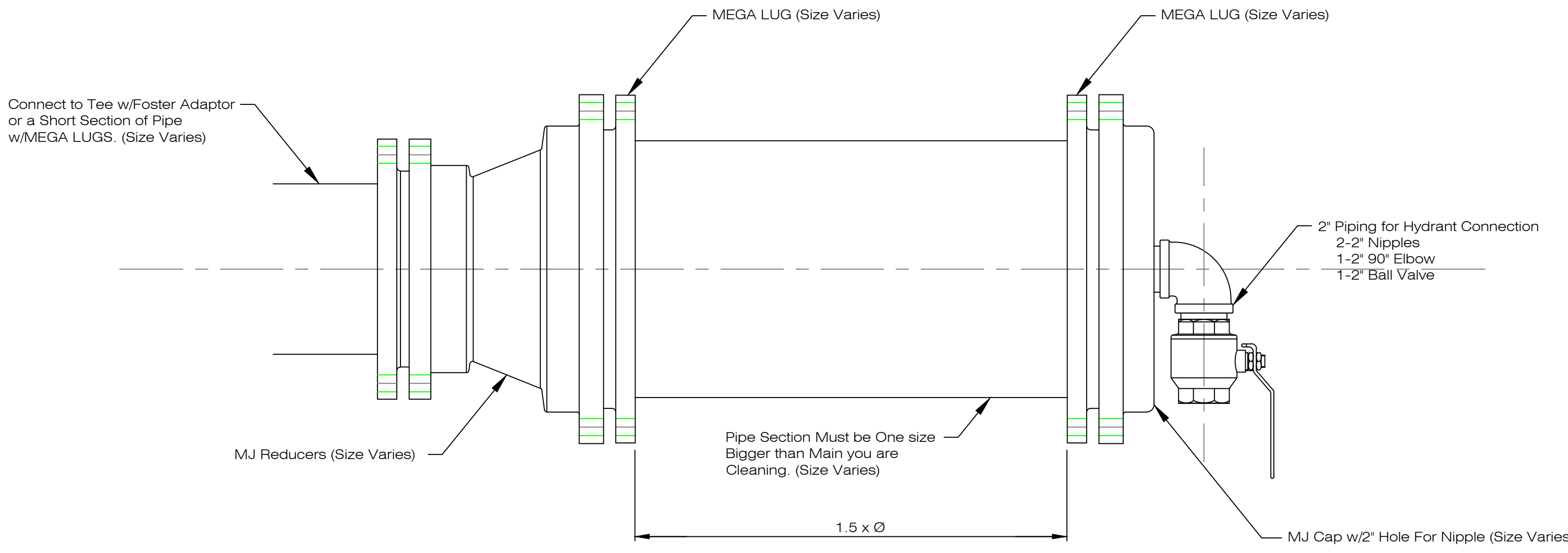
PLAN VIEW
Not to Scale



PLAN VIEW
Not to Scale



HYDRANT AND VALVE
Not to Scale



NOTE: THIS DETAIL IS FOR REFERENCE FOR THE FITTINGS REQUIRED FOR PIGGING THE WATER MAINS. THE FITTINGS ARE INSTALLED FOR THE CLEANING PROCESS AND REMOVED ONCE THE PROCESS IS COMPLETE AND APPROVED.

PIG LAUNCHER
Not to Scale



Know what's below.
Call before you dig.

No.	Revision	By	Date	Ckd	App
1	ADDED WATER SERVICE DETAIL	SWW	6/2/2026	By HU	By HU

Water Main Extensions on
28th Street and Morrell
Lane for Lakeview 11th
Addition



Desn	K. Miller
Drawn	S. Struss
Date	3/31/2026
Supr.	B. Lubken
W.O. No.	By WDA
Ckd	SWW
Ckd	
Sheet No.	W-5
No.	WR-145

LAKEVIEW 11TH ADDITION

SANITARY SEWER PROJECT SR-104

HASTINGS, NEBRASKA

WESTBROOK VILLAGE LLC
LAKEVIEW 11TH ADDITION
HASTINGS, NEBRASKA 68901

DESIGN ASSOCIATES
241 E. 1ST. ST. HASTINGS, NE 68901
2020 W. 262 ST. HASTINGS, NE 68901
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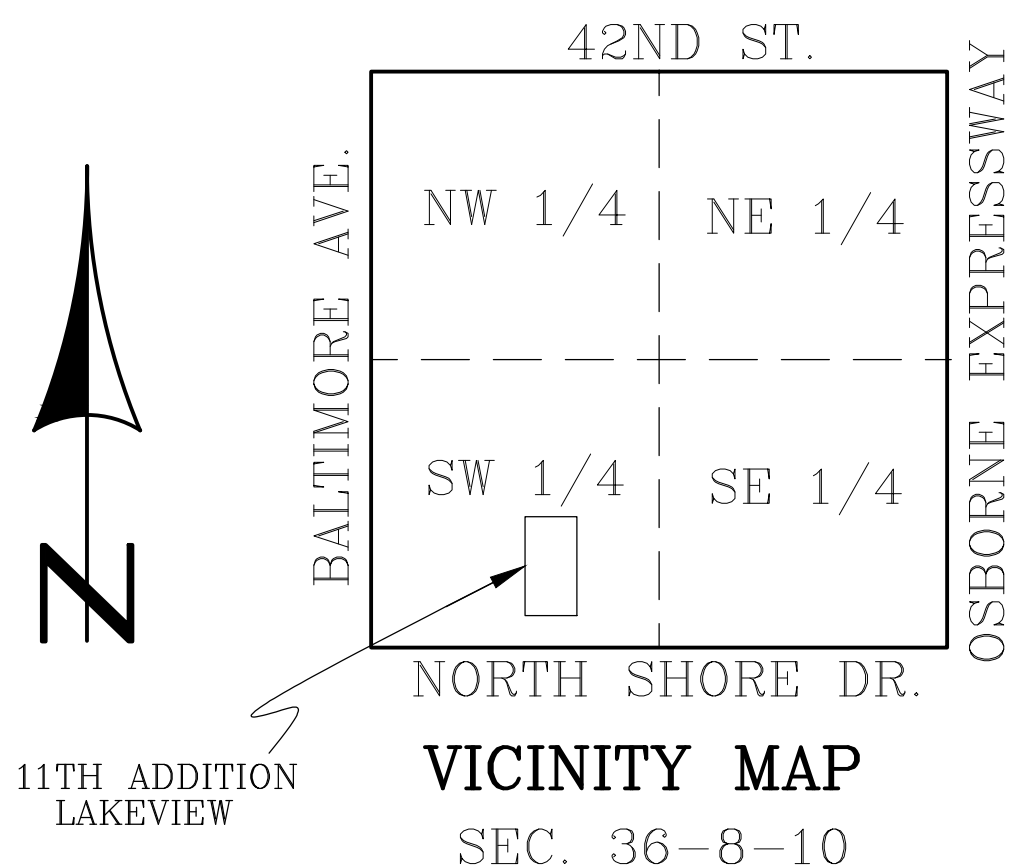
DWG: 921-26 C-8 SEWER PLAN
DRAWN: JMT
CHECKED: SWW
REVISIONS
APPENDIX #1 08/03/2026

CVR

DATE: MAY, 2026

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S-4	SANITARY PLAN & PROFILE - MORRELL LANE
S-5	H.U. SANITARY SEWER DETAILS

NOTE: SEE PROJECT MANUAL FOR CITY
STANDARD WATER AND SEWER DETAILS.



SUMMARY OF QUANTITIES

1	8" PVC PIPE	744	L.F.
2	48" D.x 5' SAN. SEWER MANHOLE INC. RING, COVER, BASE AND ADJ.	4	EA.
3	ADDITIONAL 48" D. MANHOLE DEPTH	28.11	VERT.FT
4	8" x 4" SERVICE TEE ASY.	16	EA.
5	4" PVC S.S. SERVICE CLEANOUT ASY.	16	EA.
6	4" PVC SANITARY SEWER SERVICE PIPE	491	L.F.
7	8" SANITARY SEWER CLEANOUT	1	EA.

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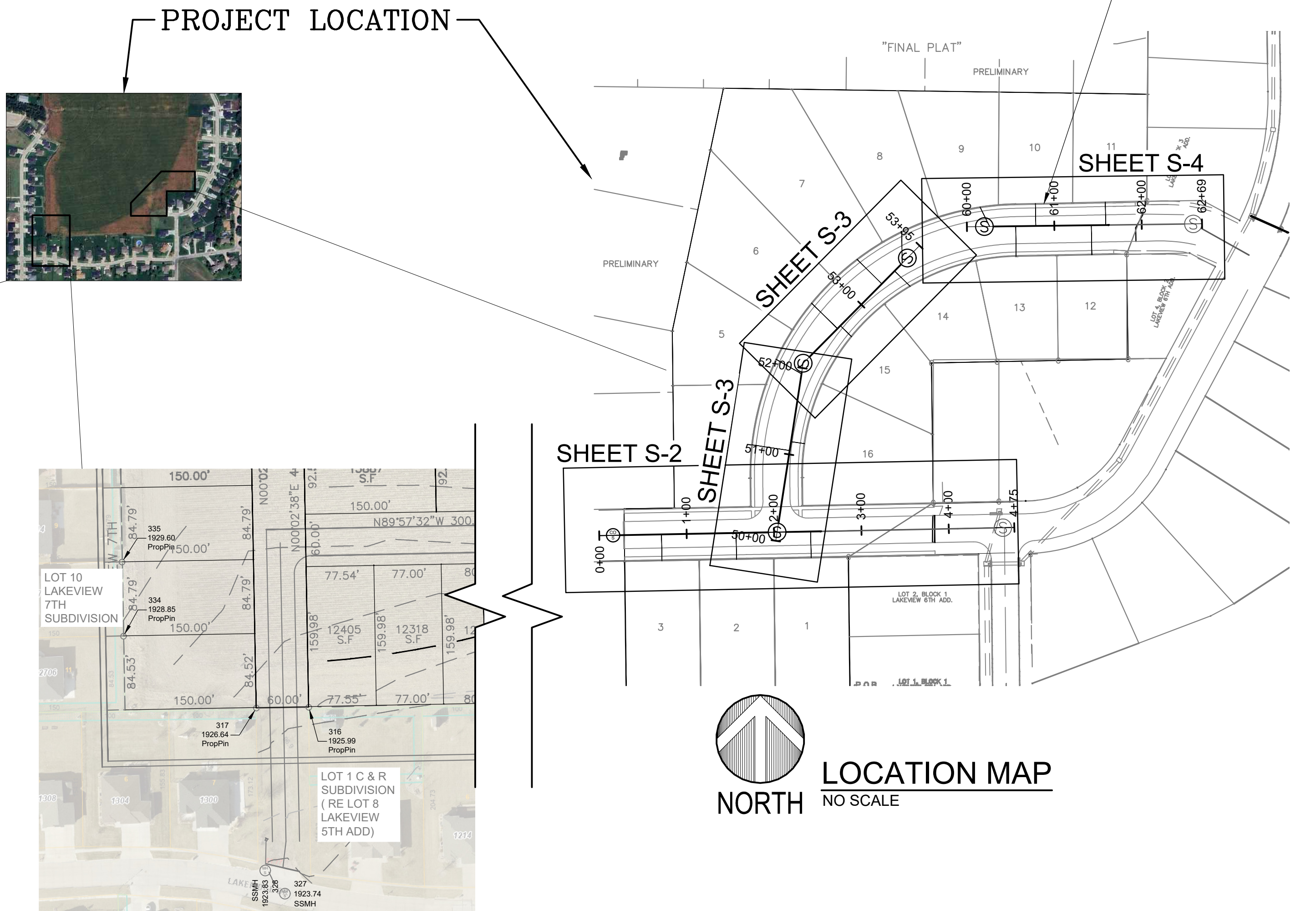
LEE VROOMAN, P.E.
DIRECTOR OF ENGINEERING / CITY ENGINEER

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HASTINGS, NEBRASKA 68901

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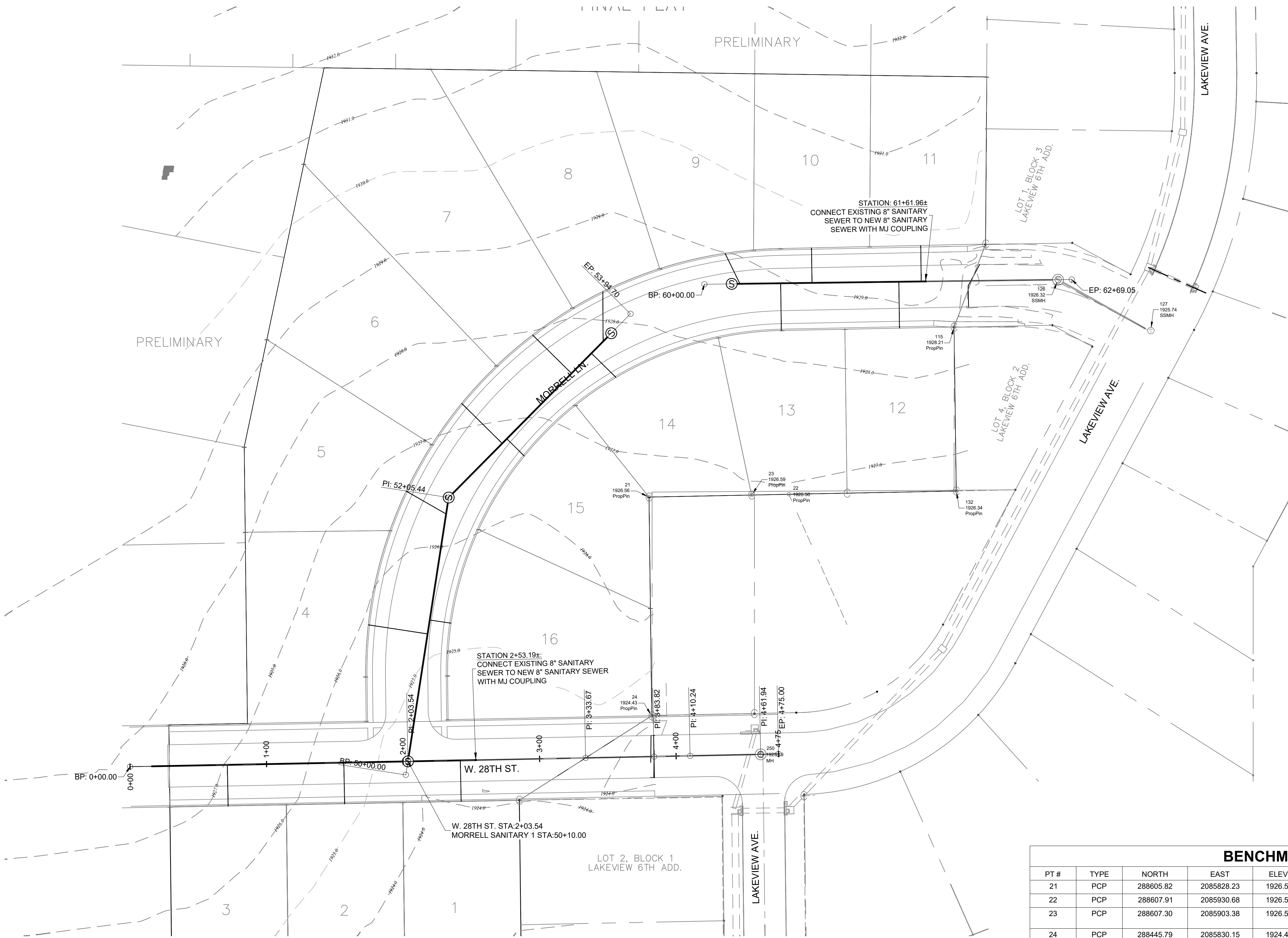


DWG: 921-26 C-8 SEWER PLAN

DRAWN: JMT	
CHECKED: sww	
REVISIONS	

S-1

DATE: MAY, 2026



SANITARY SEWER OVERALL PLAN

SCALE: 1" = 40'

BENCHMARK DATA

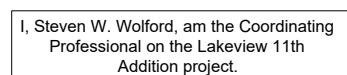
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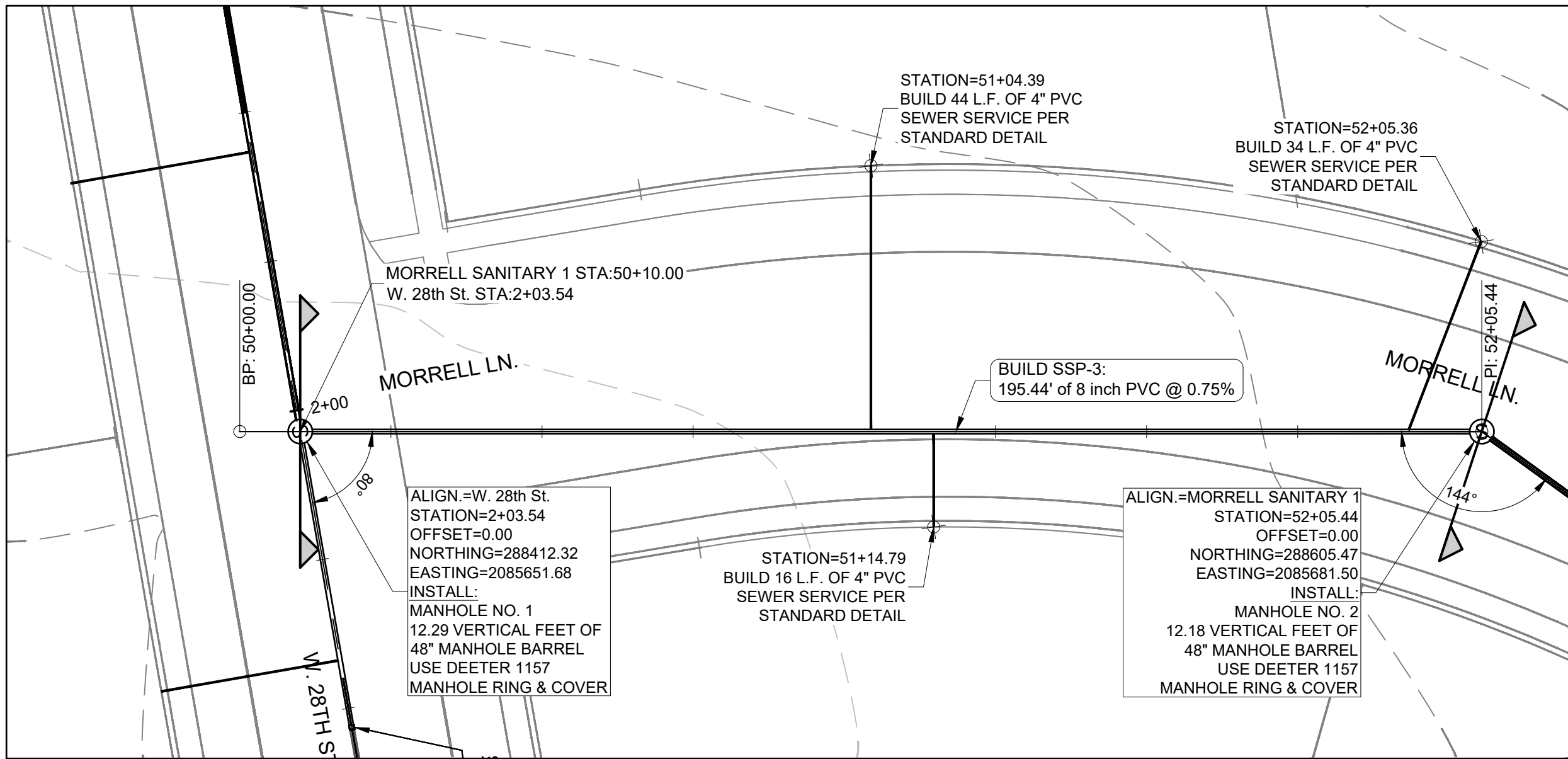
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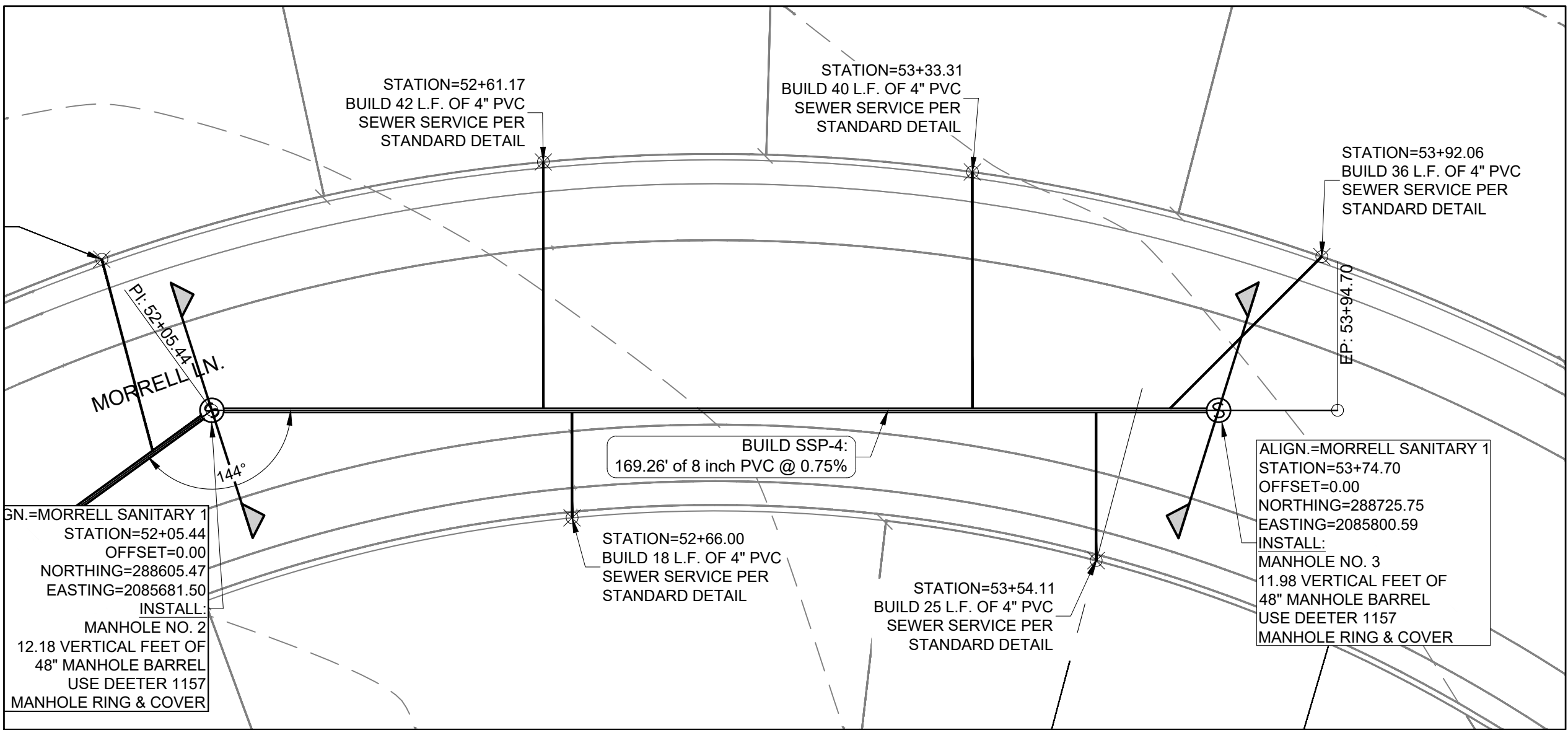
 if not one inch on this sheet, adjust scales accordingly

DATE: MAY, 2026



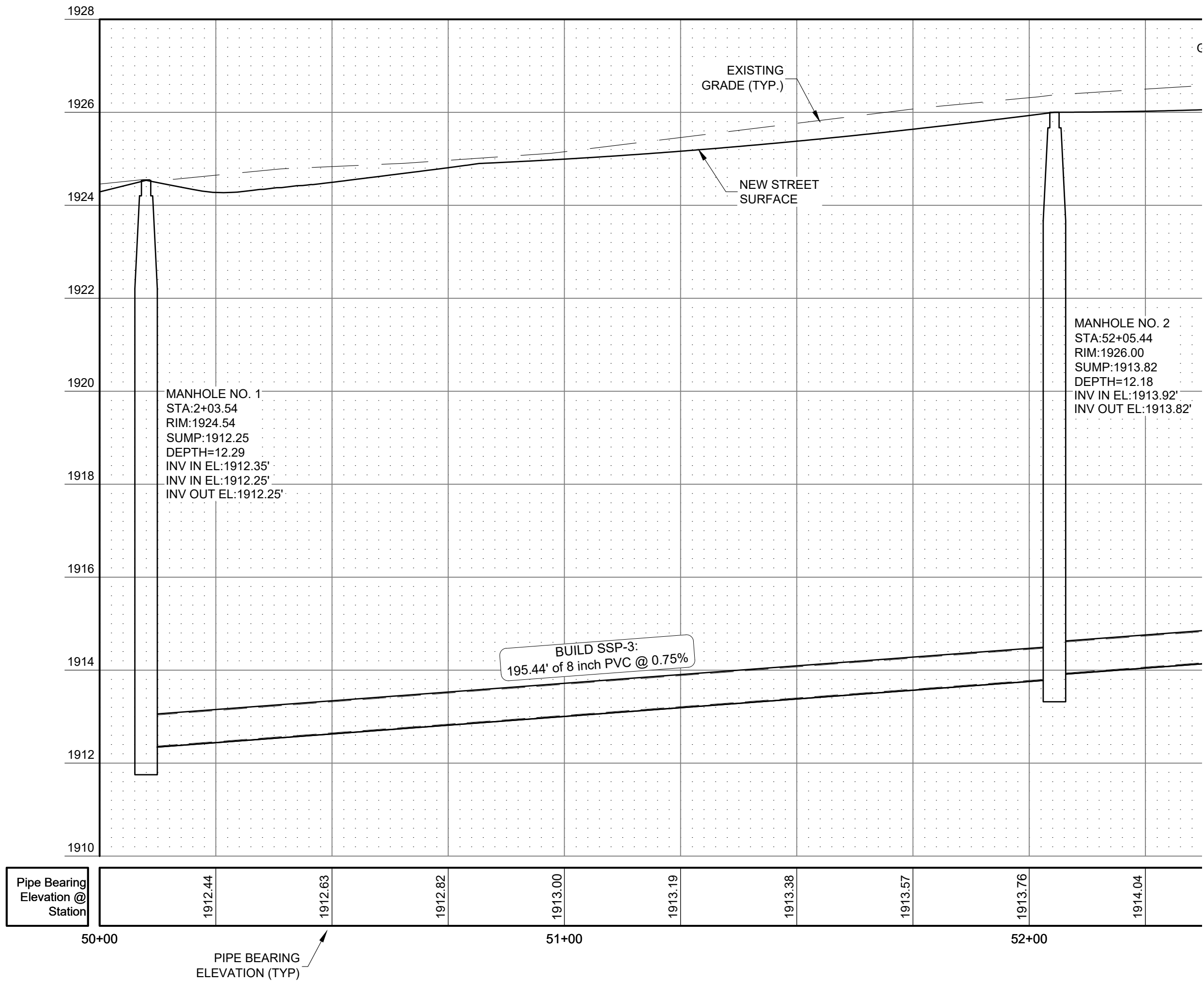
SANITARY SEWER PLAN - MORRELL LANE

SCALE: 1" = 20'



SANITARY SEWER PLAN - MORRELL LANE

SCALE: 1" = 20'

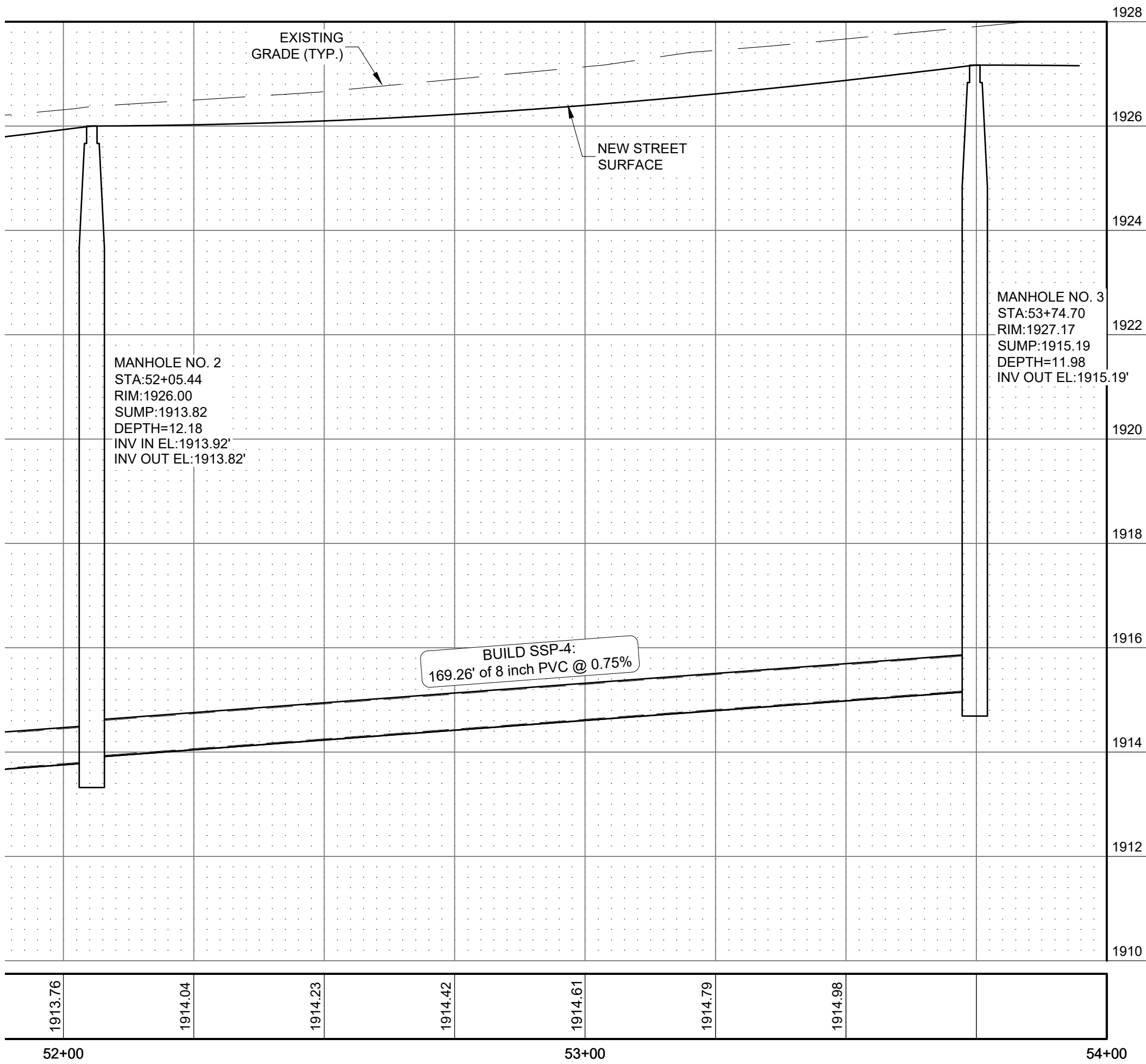


SANITARY SEWER PROFILE - MORRELL LN.

SCALE: 1" = 20'

HORIZONTAL SCALE: 0 20 40 Feet

VERTICAL SCALE: 0 2 4 Feet



SANITARY SEWER PROFILE - MORRELL LN.

SCALE: 1" = 20'

HORIZONTAL SCALE: 0 20 40 Feet

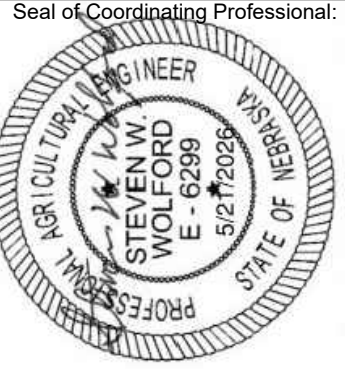
VERTICAL SCALE: 0 2 4 Feet

I, Steven W. Wolford, am the Coordinating Professional on the Lakeview 11th Addition project.

This bar is one inch long on original drawing. If not one inch on this sheet, adjust scales accordingly.

WESTBROOK VILLAGE LLC
LAKEVIEW 11TH ADDITION
HASTINGS, NEBRASKA 68901

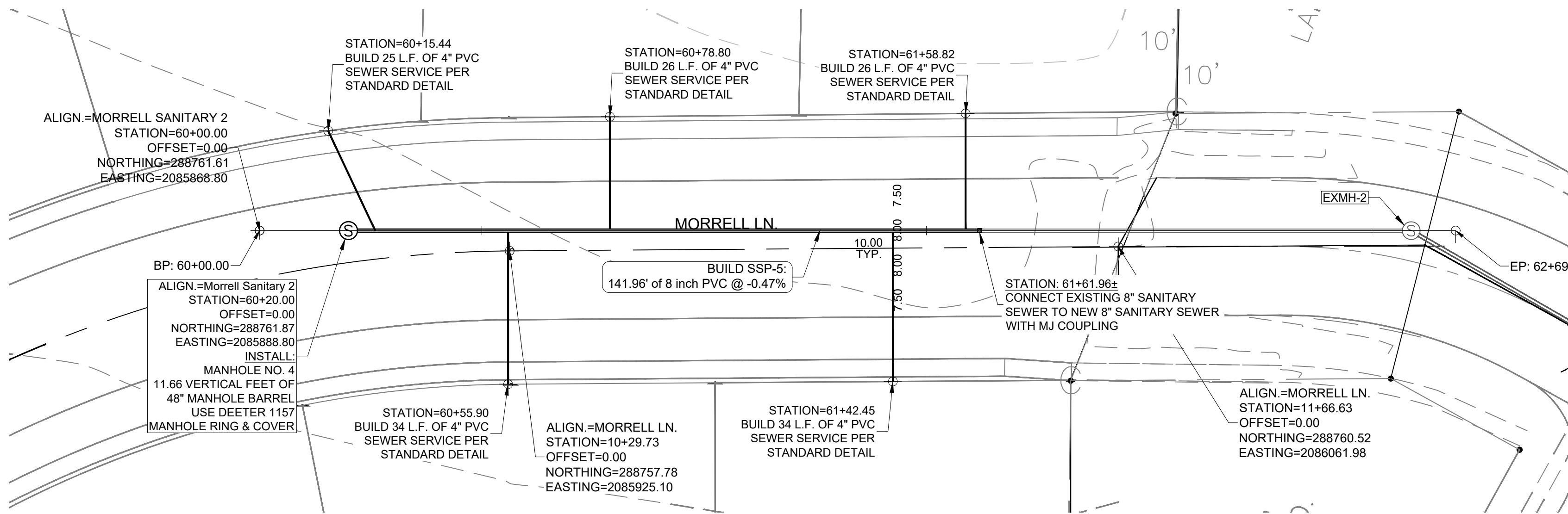
DESIGN ASSOCIATES
241 E. 1ST ST. MOORE, NE 68901 | 308.345.2371 | WWW.DESIGNASSOCIATES.COM
200 W. 26th ST. HASTINGS, NE 68901 | 308.345.2371 | WWW.DESIGNASSOCIATES.COM



DWG: 921-26 C-8 SEWER PLAN
DRAWN: JMT
CHECKED: sww
REVISIONS

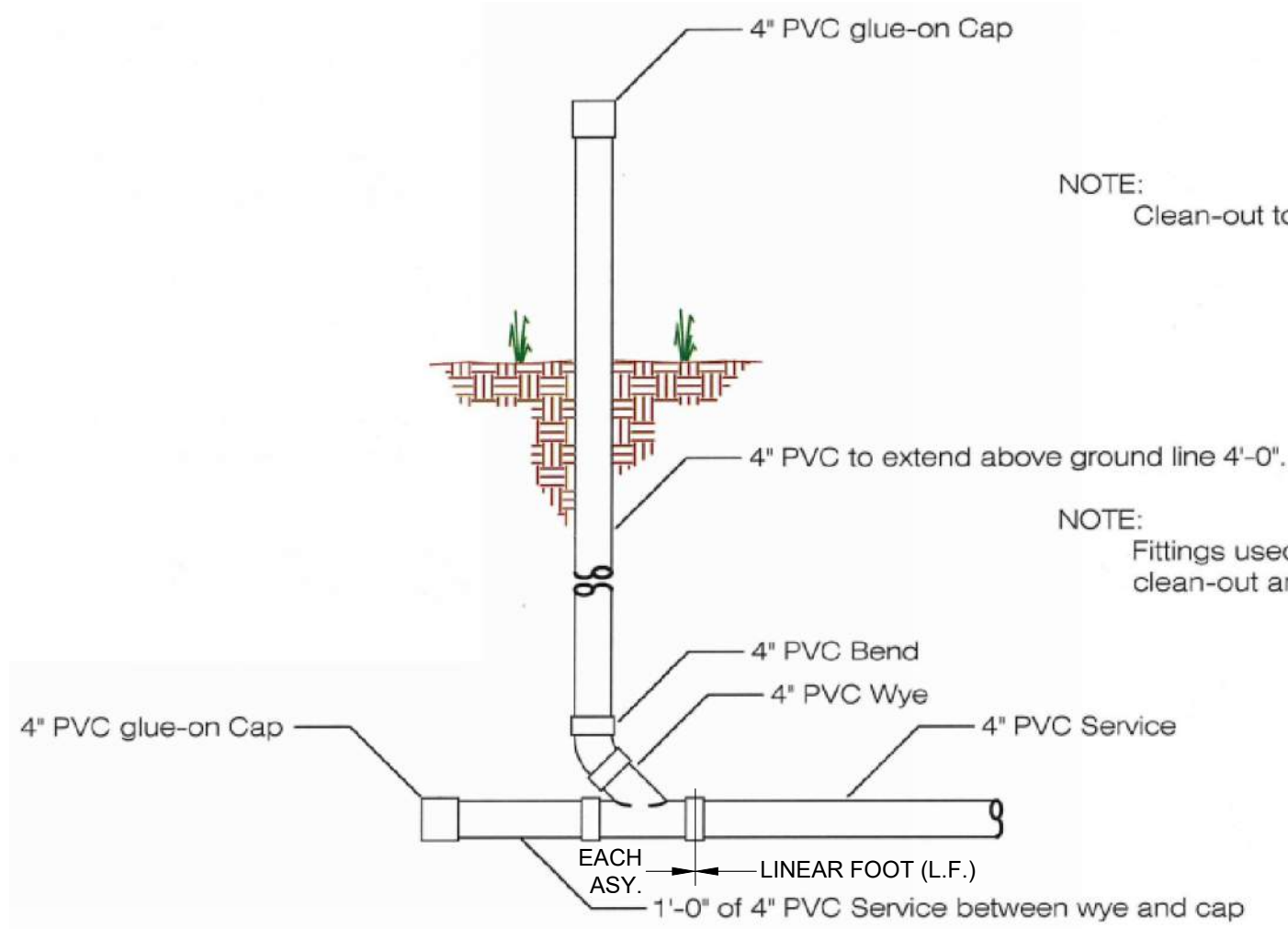
S-3

DATE: MAY, 2026



SANITARY SEWER PLAN - MORRELL LN.

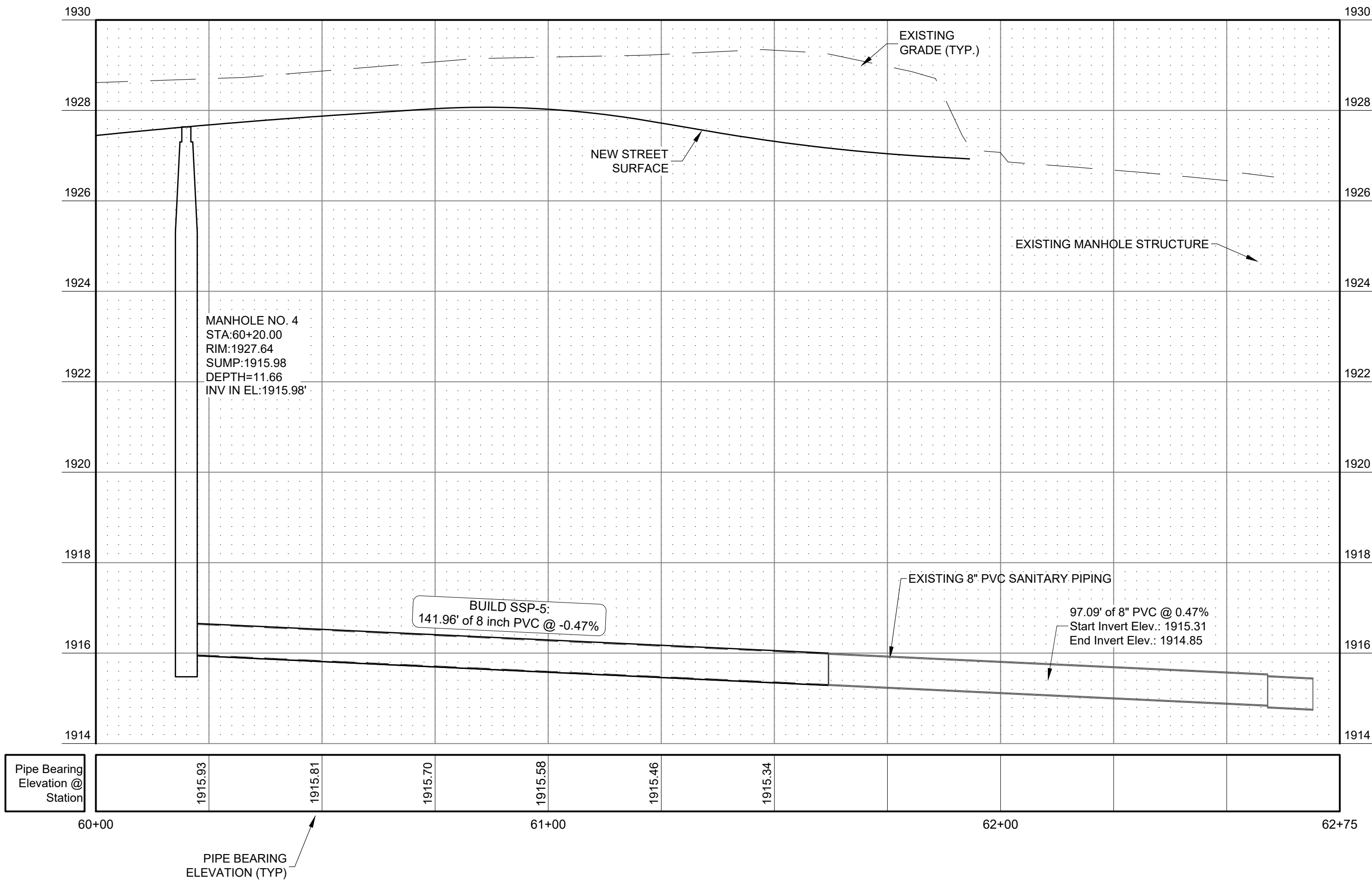
SCALE: 1" = 20'



SANITARY SEWER SERVICE DETAIL

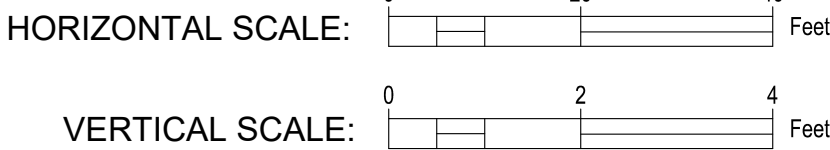
SCALE: NO SCALE

Morrell Sanitary 2 PROFILE



SANITARY SEWER PROFILE - MORRELL LN.

SCALE: #####



I, Steven W. Wolford, am the Coordinating Professional on the Lakeview 11th Addition project.

This bar is one inch long on original drawing.
If not one inch on this sheet, adjust scales accordingly

WESTBROOK VILLAGE LLC
LAKEVIEW 11TH ADDITION
HASTINGS, NEBRASKA 68901

DESIGN ASSOCIATES
241 E. 1ST ST. MOODOK, NE 68901 (386.346.237) (ENGINEERS) ARCHITECTS
260 W. 266 ST. HASTINGS, NE 68901 (682.623.277) (WWW.WDSOAKS.COM)

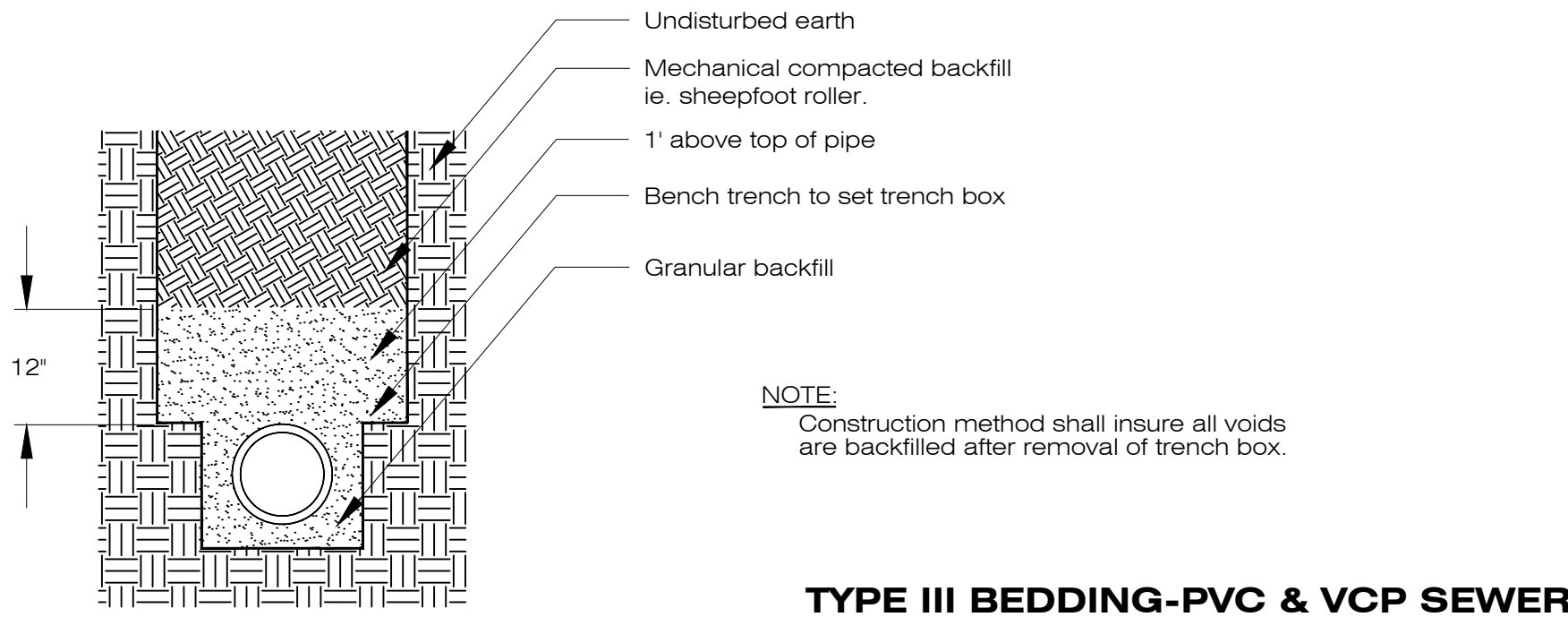


DWG: 921-26 C-8 SEWER PLAN
DRAWN: JMT
CHECKED: SWW
REVISIONS

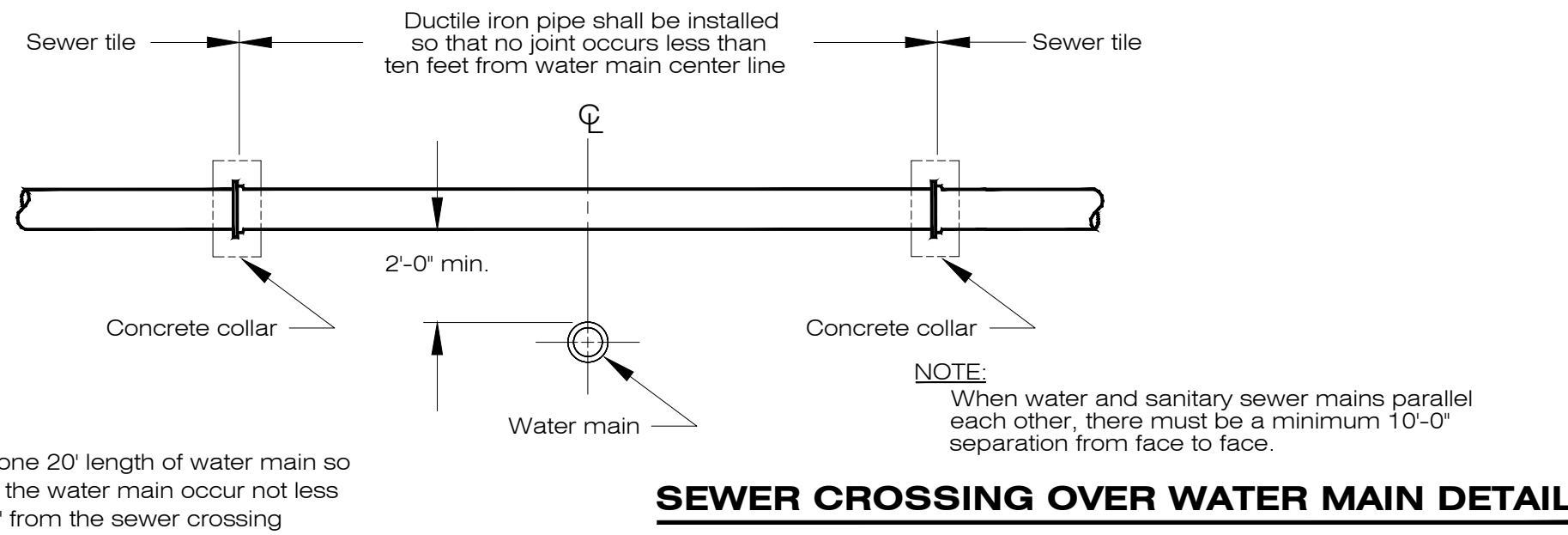
S-4

DATE: MAY, 2026

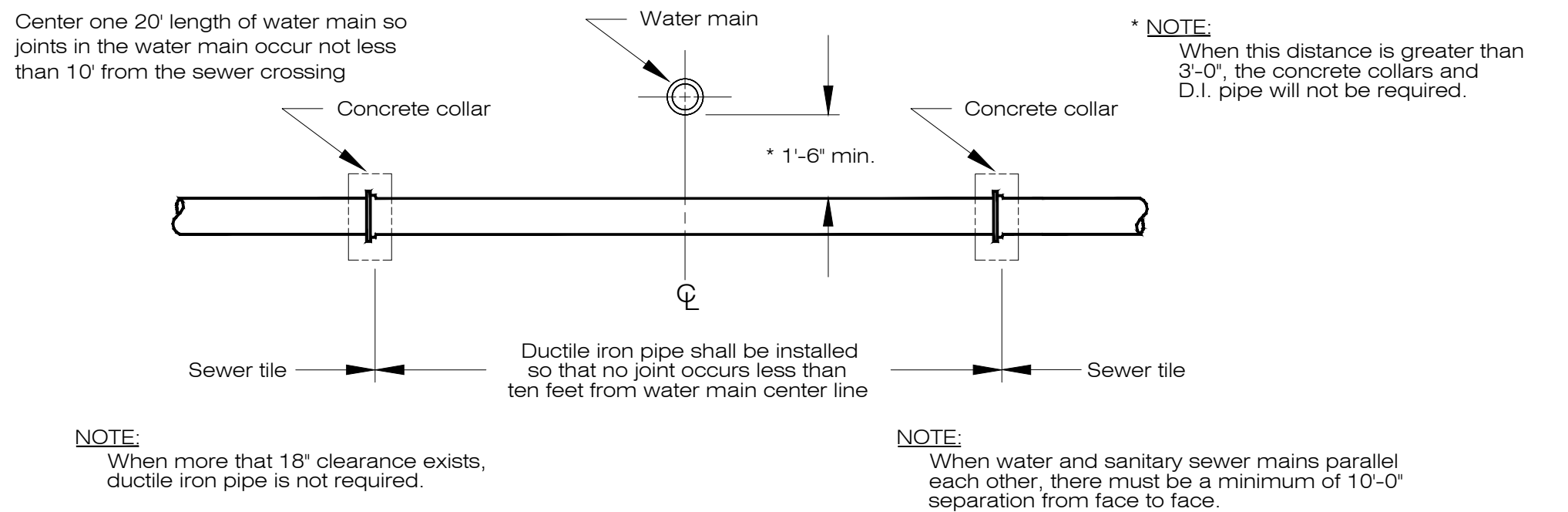
\\327 Alan Anderson Development\3271-25 Lakeview 11th Addition\Drawings\Sewer Set Plan-2026-06-03.dwg, 6/2/2026, 10:06:53 AM, DWG To PDF, p.3



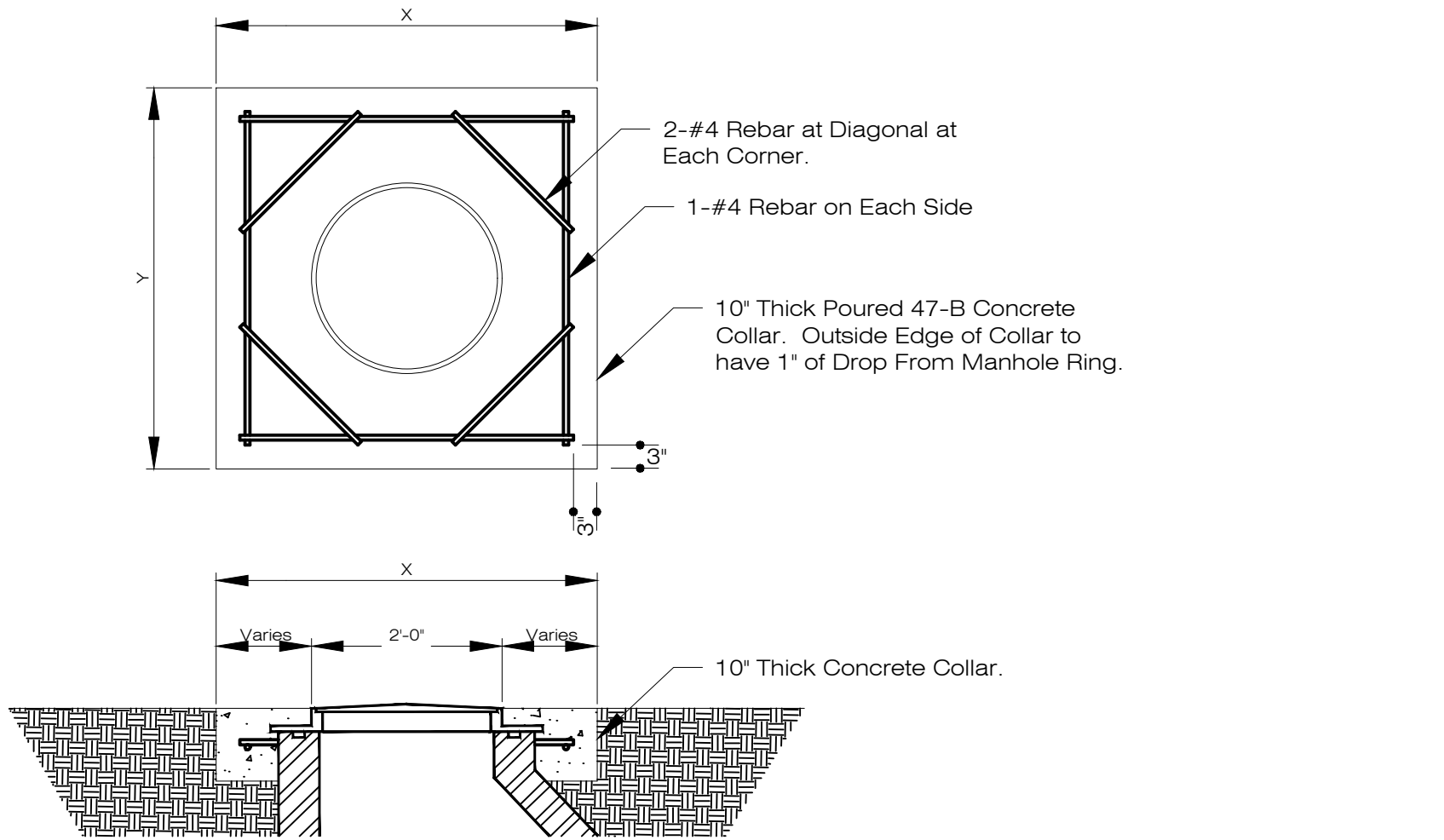
TYPE III BEDDING-PVC & VCP SEWER



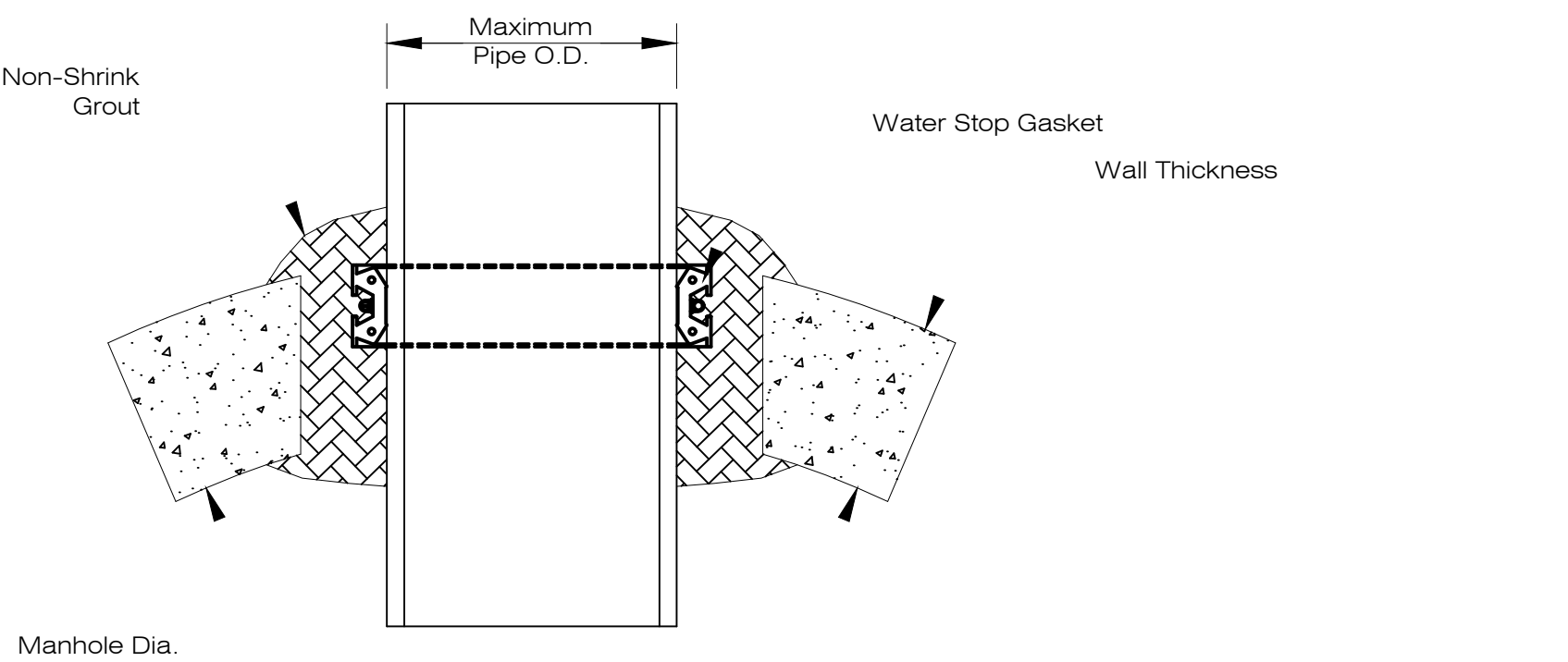
SEWER CROSSING OVER WATER MAIN DETAIL



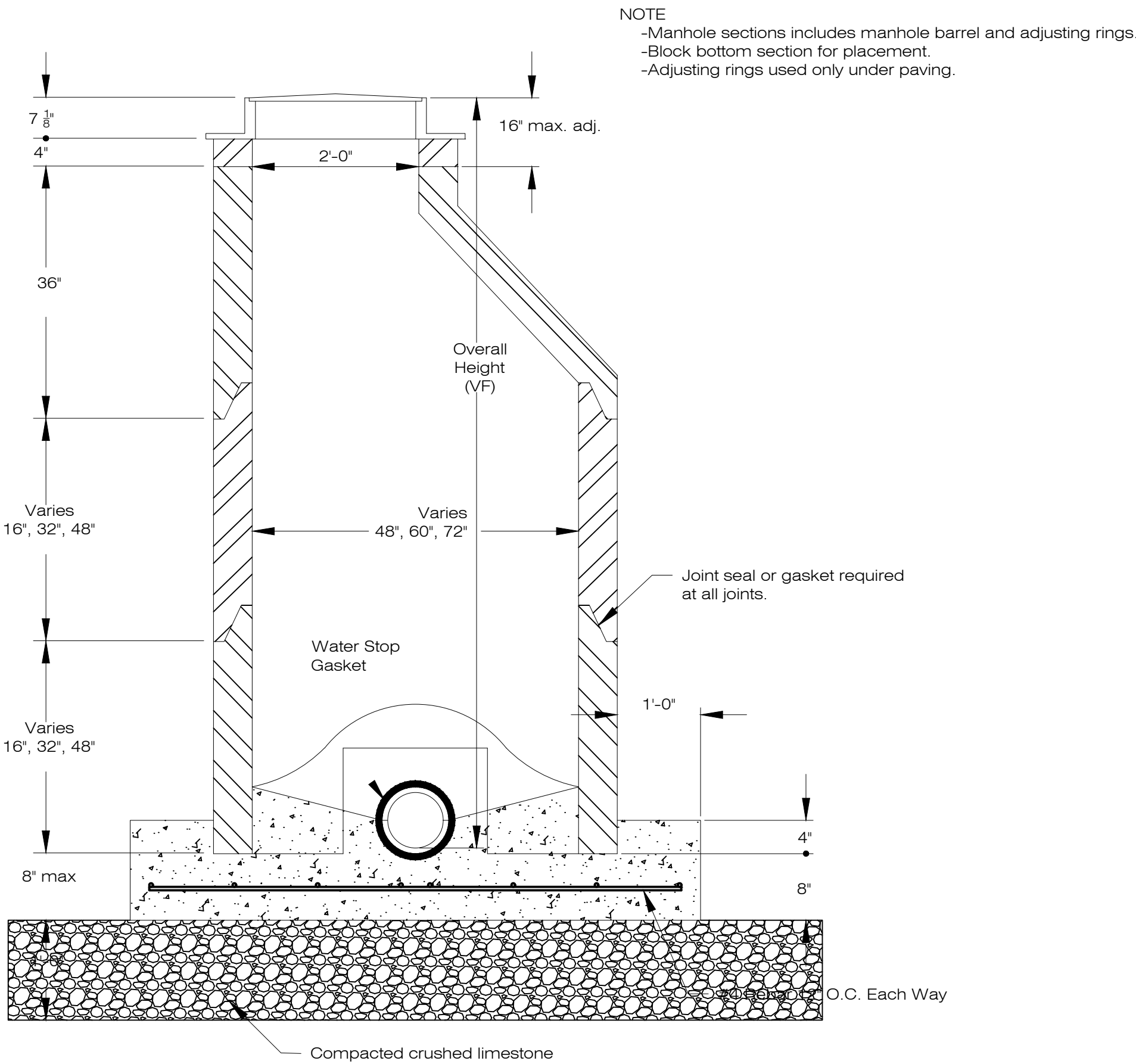
SEWER CROSSING UNDER WATER MAIN DETAIL



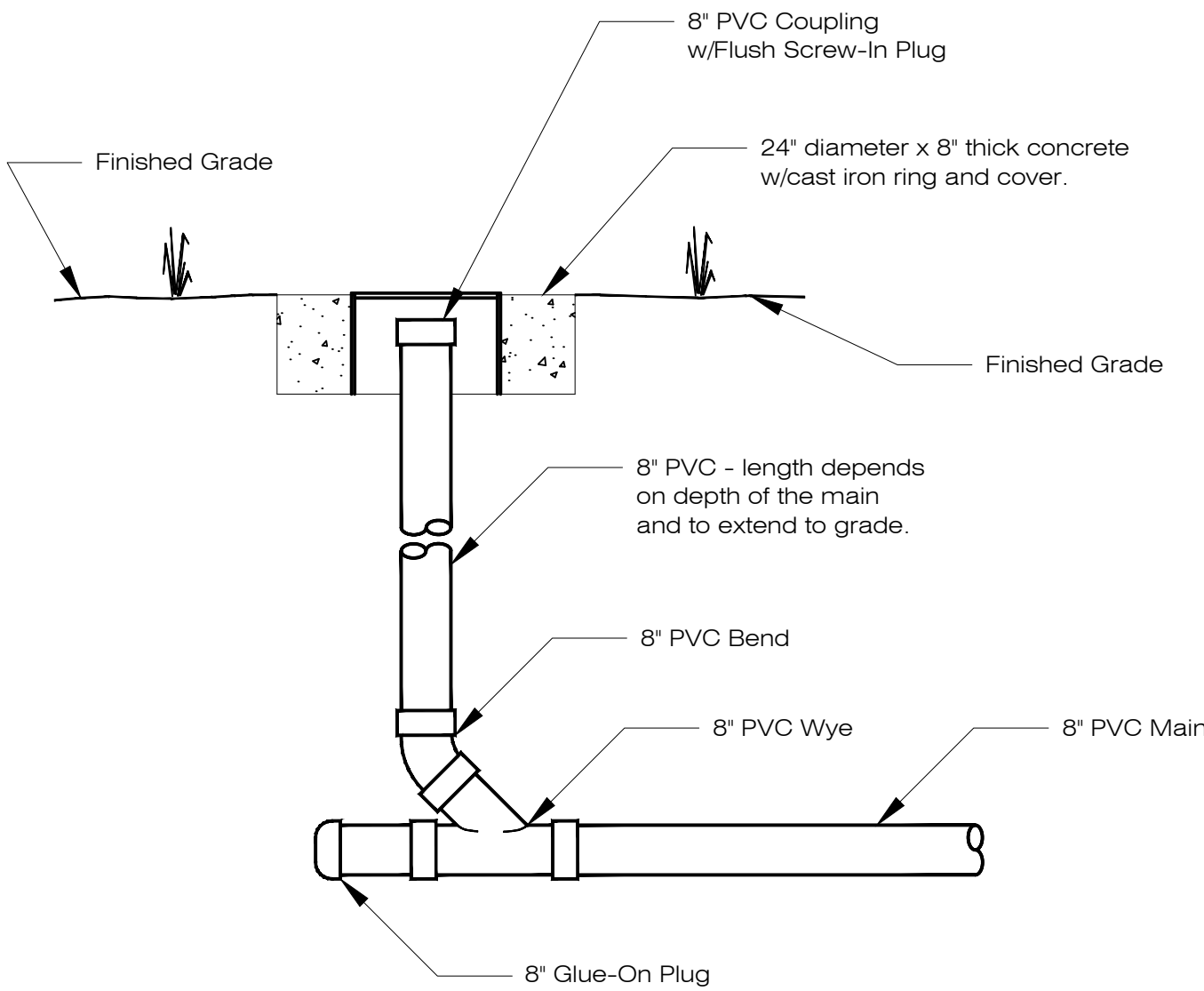
CONCRETE MANHOLE COLLAR



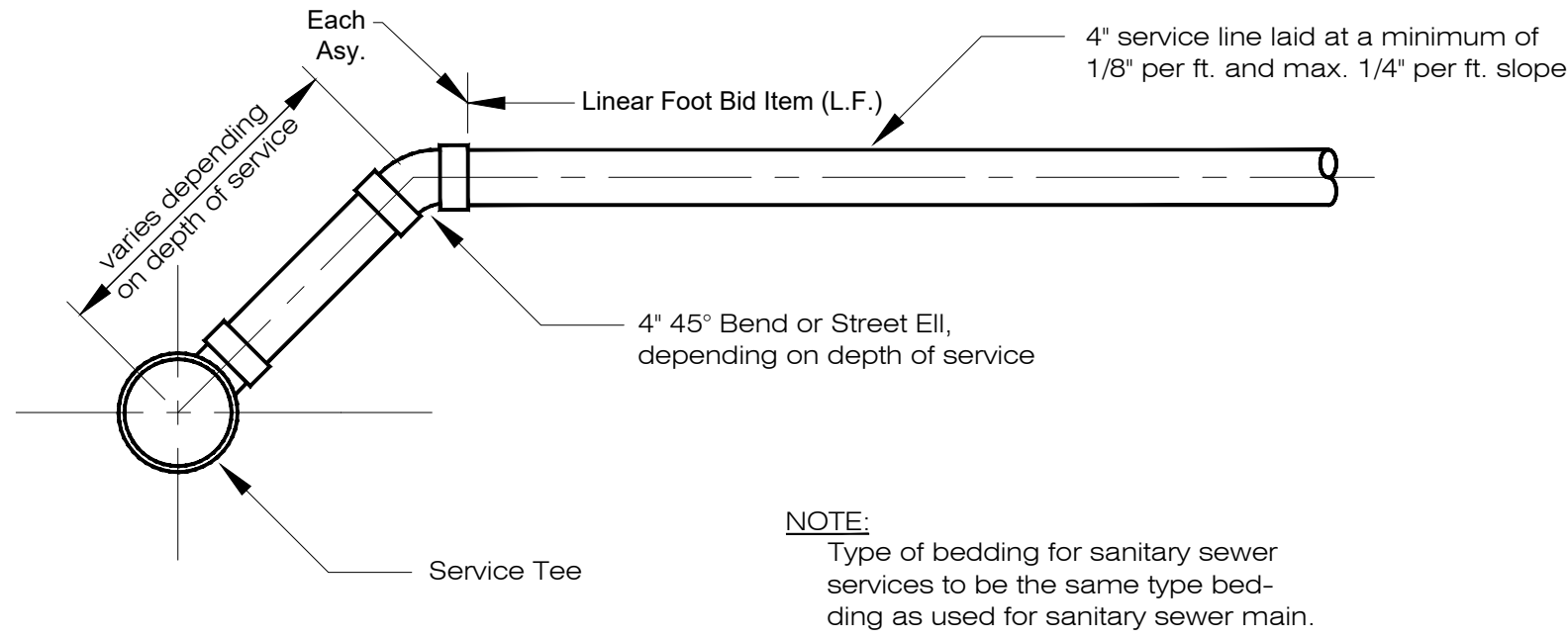
WATER STOP GASKET DETAIL



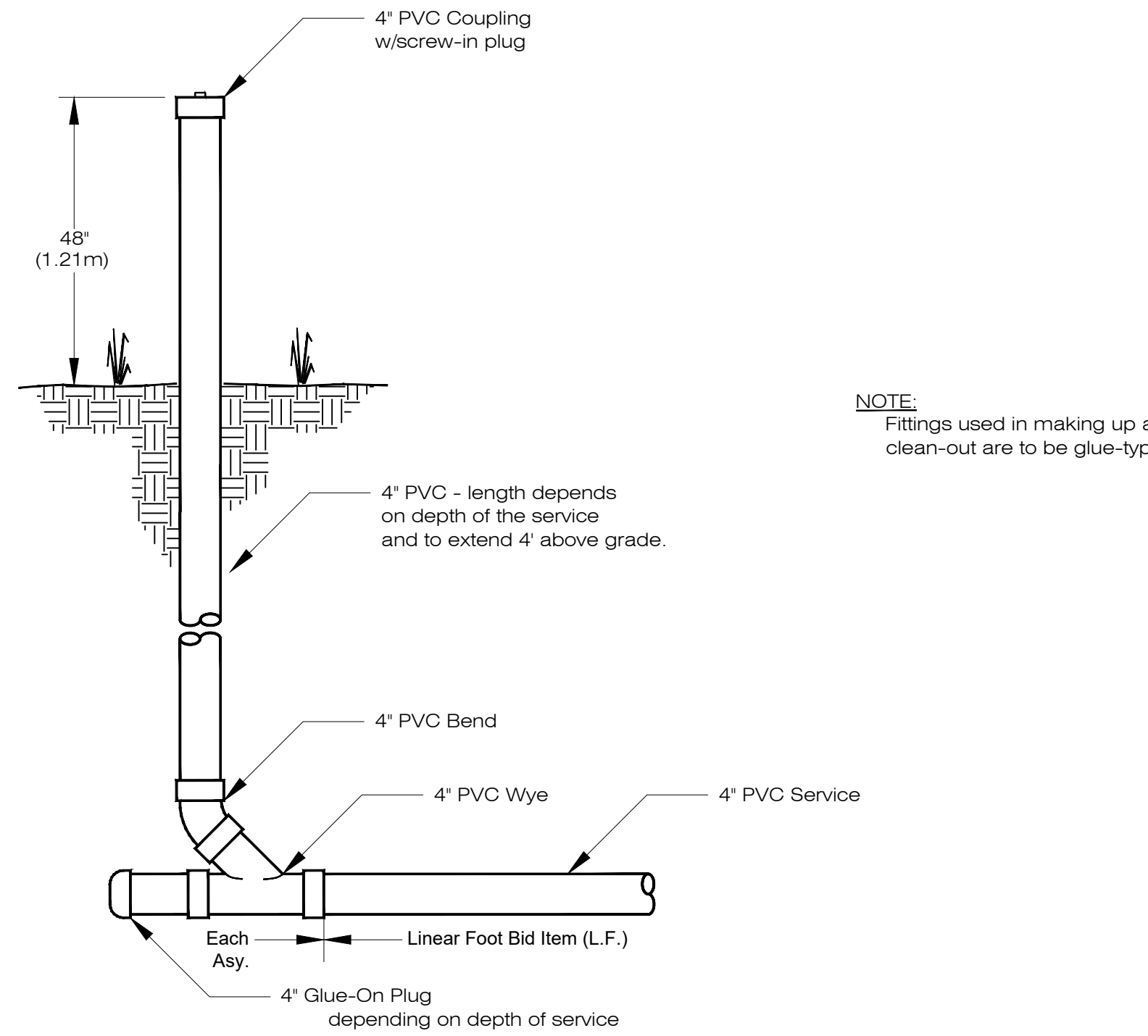
CONE MANHOLE DETAIL



SANITARY SEWER CLEAN OUT ASSEMBLY



SANITARY SEWER SERVICE DETAIL



SANITARY SEWER SERVICE CLEAN OUT ASSEMBLY

No.	Revision	By	Date	Ckd	App
Rev. 2	New Project Detail Sheet	SWW	6-2-26	By HU	By HU
Rev. 1	Original Drawings	SS	5-18-26	KM	

Sanitary Sewer Main
Extensions on 28th Street
and Morrell Lane for
Lakeview 11th Addition

Drawn: K. Miller
S. Struss
Date: 5/18/2026
Supt: B. Lubken
W.O. No: By WDA
Ckd: SWW
Ckd:



FOR
BID

Sheet No: S-5
No: SR-104