

City of Fayetteville Staff Review Form

2021-0732

Legistar File ID

10/5/2021

City Council Meeting Date - Agenda Item Only
N/A for Non-Agenda Item

Wade Abernathy

9/15/2021

FACILITIES MANAGEMENT (140)

Submitted By

Submitted Date

Division / Department

Action Recommendation:

Staff Recomend approval of Change Order #7 to RFQ 18-11 Contract with Nabholz Construction for Water and Sewer Relocate at Gregg Avenue in the amount of \$75,325.78 and Relocation of 8" Sewer line in Fay Jones woods in the amount of \$33,830.54 for a total amount of \$109,156.32 and approve a Budget Adjustment.

Budget Impact:

5400.860.5700-5815.00

Water/Sewer

Account Number

Fund

11011.2019.7800

W/S Relocations - 2019 Bond Issue Projects, Arts
Corridor Improvements

Project Number

Project Title

Budgeted Item? Yes

Current Budget \$ 10,492,801.00

Funds Obligated \$ 9,967,745.20

Current Balance \$ 525,055.80

Does item have a cost? Yes

Item Cost \$ 109,156.32

Budget Adjustment Attached? Yes

Budget Adjustment \$ 75,332.00

Remaining Budget \$ 491,231.48

Purchase Order Number: 2020-00000689

Previous Ordinance or Resolution # 223-20

V20210527

Change Order Number: 7

Approval Date:

Original Contract Number: 2018-00000042

Comments: Budget Adjustment amount reflects an existing \$33,835 already available.



MEETING OF OCTOBER 5, 2021

TO: Mayor and City Council

THRU: Susan Norton, Chief of Staff
Paul Becker, Chief Financial Officer
Tim Nyander, Utilities Director

FROM: Wade Abernathy, Director Bond Construction Projects

DATE: September 7, 2021

SUBJECT: Approval of Change Order #7 to RFQ 18-11 with Nabholz Construction for water and sewer line relocations for the Cultural Arts Corridor project

RECOMMENDATION:

Staff recommends approval of a change order with Nabholz Construction for additional water/sewer line replacement work necessary on Gregg Avenue in the amount of \$75,325.78, and Sewer line replacement in Fay Jones Woods in the amount of \$33,830.54. For the total change order amount of \$109,156.32.

BACKGROUND:

Phase 1 of the Cultural Arts Corridor project included \$718,585.00 of water and sewer line reconstruction and relocation. Much of this work was located along West Avenue, with a smaller portion on Gregg Avenue, west of the Fay Jones park land. The intent of the utility scope was to replace old lines in order to prevent future disturbances to the streetscape improvements with typical repairs on aging lines. Work planned on Gregg Avenue included 310-feet of sanitary sewer reconstruction and 270-feet of waterline reconstruction. There was no work planned for sewer relocates in Fay Jones Woods.

DISCUSSION:

During construction it was found that the sewer along Gregg Avenue would be in conflict with an existing natural gas line and would also impact many mature trees in adjacent property owners' yards. City Staff, Olsson Engineers, and the contractor met onsite to consider alternatives. The sewer is now planned to be constructed in the roadway, away from the gas line and trees. However, this will require the waterline to also be reconstructed for approximately 170-feet in order to maintain proper health code separation distances from the sewer. The existing waterline is aging 6-inch cast iron and will benefit the utility to be replaced with 8-inch PVC. The sewer line in Fay Jones Woods was a sleeved clay pipe system that conflicted with the overlook structure. The relocation allows access for future maintenance. The line consist of approximately 80' of 8" SDR and 3 manholes.

BUDGET/STAFF IMPACT:

Funds are available in the Water/Sewer Relocations – Bond Projects account.

Attachments:

Nabholz Change Order
Engineering Plans



Prime Contract Change Order

Fayetteville Cultural Arts Corridor
113 W. Mountain St.
Fayetteville, AR 72701

Project # 02-19-2526
Tel: Fax:

Nabholz Construction Corporation

Date: 9/15/2021

To Contractor:

Nabholz Construction Corporation
3301 N 2nd St (72756), PO Box 277
Rogers, AR 72757

Architect's Project No:

Contract Date: 4/18/2018

Contract Number: 02-19-2526

Change Order Number: 007

The Contract is hereby revised by the following items:

PCO	Description	Amount
045	Water and sewer changes	\$109,156.32

This change order incorporates Change Order Request 33.

The pricing is based on the following:

- 1.) Oelke related costs for RFI #50 to relocate the water and sewer along Gregg Avenue.
- 2.) Reroute 8" sewer at the Overlook per RFI 19 response.

The original Contract Value was.....	\$80,000.00
Sum of changes by prior Prime Contract Change Orders.....	\$11,757,201.00
The Contract Value prior to this Prime Contract Change Order was.....	\$11,837,201.00
The Contract Value will be changed by this Prime Contract Change Order in the amount of.....	\$109,156.32
The new Contract Value including this Prime Contract Change Order will be.....	\$11,946,357.32
The Contract duration will be changed by.....	0 days
The revised Substantial Completion date as of this Prime Contract Change Order is.....	12/20/2021

Nabholz Construction Corporation

City of Fayetteville

CONTRACTOR

3301 N 2nd St (72756), PO Box 277
Rogers, AR 72757

Address

BY Josh Lane

SIGNATURE

DATE

OWNER

113 W. Mountain St.
Fayetteville, AR 72701

Address

BY

SIGNATURE

DATE

Digitally signed by Josh Lane
DN: cn=Josh Lane,
ou=Nabholz Construction Corporation,
o=Nabholz Construction Corporation,
c=US
Reason: I agree to the terms
of the document.
Date: 2021.09.15
17:41:48-0500

PROJECT CONFIDENTIAL

Property of Nabholz Construction Corporation Not for Duplication or Distribution

This document includes data prepared in conjunction with the Project that is deemed trade secret or proprietary to Nabholz. This document is shared with the Project team solely for use on this Project consistent with the responsibilities of the Project team. The Recipients shall not duplicate, use, or disclose, in whole or in part, to any person, entity, or party outside the Project team without Nabholz' prior written authorization.



Change Order Request

NCC-Detail (with Breakdown of PCOs), Grp by Each
Number-Confidential

Fayetteville Cultural Arts Corridor
113 W. Mountain St.
Fayetteville, AR 72701

Project # 02-19-2526
Tel: Fax:

Nabholz Construction Corporation

Change Order Request: 033

Date: 9/15/2021

To: Wade Abernathy
City of Fayetteville
113 W. Mountain St.
Fayetteville, AR 72701

From: Josh Lane
Nabholz Construction Corporation
3301 N 2nd St (72756), PO Box 277
Rogers, AR 72757

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Description	Category	Status
Gregg Street Utility Relocation		Approved

Reference	Required By	Days Req	Amt Req
	9/22/2021	0	109,156.32

Notes

PCO No	Date	Reference	Amt Prop	Days Req	Category	Reason
Description	Notes					
045	9/15/2021		109,156.32	0		
Gregg Street Utility Relocation						

Item No	Item Description	Amt Prop	Reference
001	Oelke related costs for RFI #50 to relocate the water and sewer along Gregg Street.	75,325.78	
002	Reroute 8" Sewer at Overlook per RFI 19	33,830.54	

Approved By:

Signature _____
Name _____ **Date** _____

Oelke Construction Co.-Change Order Request

Job Name: Fayetteville Cultural Arts Cor. **Requested Days** 30 **Price Good For** 10 **Days**
Change Order Request # 20R
Date: 11-Aug-21
Description of Request: RFI #50 - Demo and Sewer Line at S Gregg Ave

Description Material & Labor	Quantity	Unit	Cost	Unit	Material Cost	Hours	Type of Crew	Man-hour Cost
8" Water Main	170	lf	\$ 39.70	lf	\$ 6,749.00	240 hr.	D	\$ 6,240.00
Add Water Meters	4	ea	\$ 1,500.00	ea	\$ 6,000.00	0 hr.		\$ -
Cold Mix	30	ton	\$ 166.67	ton	\$ 5,000.00	0 hr.		\$ -
Saw Cutting /driveway repair	1	ls	\$ 6,778.00	ls	\$ 6,778.00	0 hr.		\$ -
Install drop	1	ls	\$ 2,820.00	ls	\$ 2,820.80	0 hr.		\$ -
Street Plates	1	ls	\$ 8,308.00	ls	\$ 8,308.00	0 hr.		\$ -
Labor for cold mix and plates	1	ls	\$ 2,500.00	ls	\$ 2,500.00	0 hr.		\$ -
Full depth class 7 base	1	ls	\$ 14,644.00	ls	\$ 14,644.00	0 hr.		\$ -
Spoil Haul Off	1	ls	\$ 4,500.00	ls	\$ 4,500.00	0 hr.		\$ -
MH Backhoe 10%	1	ls	\$ 5,667.20	ls	\$ 5,667.20	0 hr.		\$ -
					MATERIAL SUBTOTAL			\$ 62,967.00
					TAX AS APPLICABLE 0.00%			\$ -
					CCC's MATERIAL TOTAL			\$ 62,967.00
								LABOR SUBTOTAL
								\$ 6,240.00
								LABOR BURDEN 12%
								\$ 748.80
								LABOR TOTAL
								\$ 6,988.80

SUBCONTRACTORS	Description	Sub Pricing
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
Subcontractor Total		\$ -

CREW BREAKDOWN		
Quantity	Type	Cost / Hr
Operator	A	\$ 50.00
(2) Carpenters	B	\$ 60.00
Carpenter or Operator	C	\$ 40.00
Laborer / Flaggers	D	\$ 26.00

OCC Direct Cost									
Description	Quantity	Unit	Cost	Unit	Material Cost	Hours	Rate	Labor Cost	
Project Manager	0		\$ -	0	\$0.00	1 hr.	\$ 42.91	hr.	\$ 42.91
Superintendent	0	0	\$ -	0	\$0.00	24 hr.	\$ 42.91	hr.	\$ 1,029.84
Overtime Pay	0	0	\$ -	0	\$0.00	enter yes/no	0	# yes/no error #	
Weekly Clean Up Expense-dumpster	0	0	\$ -	0	\$0.00	0 hr.	\$ -	hr.	\$ -
Estimating & Cost Analysis	0	0	\$ -	0	\$0.00	0 hr.	\$ -	hr.	\$ -
Field Office Expense	0	0	\$ -	0	\$0.00	0	\$ -		\$ -
Jobsite Telephone/Fax	0	0	\$ -	0	\$0.00	0	\$ -		\$ -
Gas, Oil, Maintenance Expense	0	0	\$ -	0	\$0.00	0	\$ -		\$ -
Temporary Utilities	0	0	\$ -	0	\$0.00	0	\$ -		\$ -
Material Handling	0	0	\$ -	0	\$0.00	0 hr.	\$ -	hr.	\$ -
Permits, Licenses, Fees, Dues	0	0	\$ -	0	\$0.00	0	\$ -		\$ -
Revised as Built Drawings	0	0	\$ -	0	\$0.00	0 hr.	\$ -	hr.	\$ -
Safety Expense	0	0	\$ -	0	\$0.00	0 hr.	\$ -	hr.	\$ -
Travel Pay Expense (5) Men	0	0	\$ -	0	\$0.00	0 hr.	\$ -	hr.	\$ -
Subsistence Expense (5) Men	0	0	\$ -	0	\$0.00	0	\$ -		\$ -
Truck Expense	0	0	\$ -	0	\$0.00	0	\$ -		\$ -
Tool Expense	0	0	\$ -	0	\$0.00	0	\$ -		\$ -
	0	0	\$ -	0	\$0.00	0	\$ -		\$ -
					MATERIAL SUBTOTAL				\$ -
					TAX AS APPLICABLE 0.00%				\$ -
					CCC's MATERIAL TOTAL				\$ -
								LABOR SUBTOTAL	\$ 1,072.75
								LABOR BURDEN 0%	\$ -
								LABOR TOTAL	\$ 1,072.75

OCC Material Total	\$ 62,967.00
OCC's Labor Total	\$ 6,988.80
OCC Direct Cost Total	\$ 1,072.75
Subcontract Total	\$ -
SUBTOTAL	\$ 71,028.55
OCC's Insurance @ 1.00%	\$ 710.29
OCC's Bond @ 0.00%	\$ -
Change-Order Fee @ 5.00%	\$ 3,586.94
OELKE TOTAL FOR CHANGE	\$75,325.78

Clarifications to Change: _____

Owner's Signature: _____



Change Order Request

NCC-Detail (with Breakdown of PCOs), Grp by Each
Number-Confidential

Fayetteville Cultural Arts Corridor
113 W. Mountain St.
Fayetteville, AR 72701

Project # 02-19-2526
Tel: Fax:

Nabholz Construction Corporation

Change Order Request: 010

Date: 4/19/2021

To: Wade Abernathy
City of Fayetteville
113 W. Mountain St.
Fayetteville, AR 72701

From: John Strack
Nabholz Construction Corporation
3301 N 2nd St (72756), PO Box 277
Rogers, AR 72757

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Description	Category	Status
Reroute Sewer at Overlook		In Negotiation

Reference	Required By	Days Req	Amt Req
RFI #19	4/26/2021	0	0.00

Notes

PCO No	Date	Reference	Amt Prop	Days Req	Category	Reason
Description	Notes					
017	4/19/2021	RFI #19	0.00	0	Change Order	Field Condition
Reroute Sewer at Overlook	The city has requested the sewer to be rerouted out from underneath the overlook structure.					

Item No	Item Description	Amt Prop	Reference
001	Reroute Sewer	33,412.88	
002	SDI Insurance	417.66	
003	Construction Contingency	(33,830.54)	

Approved By:

Signature

Name

Date

Oelke Construction Co.-Change Order Request

Job Name:	Fayetteville Cultural Arts Cor.	Requested Days	10	Price Good For	10	Days
Change Order Request #	5					
Date:	14-Apr-21					
Description of Request:	RFI#19 New sewer per U2.06 - Deduct valve U1.06					

Description Material & Labor	Quantity	Unit	Cost	Unit	Material Cost	Hours	Type of Crew	Man-hour Cost	
Provide and Install Manholes	3	ea	\$ 7,476.90	ea	\$ 22,430.70	0 hr.	hr.	\$ -	
Provide and install SDR 26 8"	79	lf	\$ 73.00	lf	\$ 5,767.00	0 hr.	hr.	\$ -	
Deduct- 8" tee and 6" valve	1	ls	\$ (1,586.00)	ls	\$ (1,586.00)	0 hr.	hr.	\$ -	
MH Profit / Overhead	1	%	\$ 2,492.30	%	\$ 2,492.30	0 hr.	hr.	\$ -	
	0	\$	-	\$	-	0 hr.	hr.	\$ -	
	0	\$	-	\$	-	0 hr.	hr.	\$ -	
MATERIAL SUBTOTAL					\$ 29,104.00	LABOR SUBTOTAL			\$ -
TAX AS APPLICABLE 0.00%					\$ -	LABOR BURDEN 12%			\$ -
CCC'S MATERIAL TOTAL					\$ 29,104.00	LABOR TOTAL			\$ -

SUBCONTRACTORS	Description	Sub Pricing
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
		\$ -
Subcontractor Total		\$ -

CREW BREAKDOWN		
Quantity	Type	Cost / Hr
Operator w/ Equipment	A	\$ 50.00
(2) Carpenters	B	\$ 60.00
Carpenter or Operator	C	\$ 30.00
Laborer	D	\$ 20.00

OCC Direct Cost										
Description	Quantity	Unit	Cost	Unit	Material Cost	Hours		Rate		Labor Cost
Project Manager	0		\$ -	0	\$0.00	2	hr.	\$ 42.91	hr.	\$ 85.82
Superintendent	0	0	\$ -	0	\$0.00	12	hr.	\$ 42.91	hr.	\$ 514.92
Overtime Pay	0	0	\$ -	0	\$0.00	enter yes/no		0		# yes/no error #
Weekly Clean Up Expense-dumpster			\$ -	0	\$0.00	0	hr.	\$ -	hr.	\$ -
Estimating & Cost Analysis	0	0	\$ -	0	\$0.00	0	hr.	\$ -	hr.	\$ -
Field Office Expense	0	0	\$ -	0	\$0.00	0		\$ -		\$ -
Jobsite Telephone/Fax	0		\$ -		\$0.00	0		\$ -		\$ -
Gas, Oil, Maintenance Expense	0		\$ -		\$0.00	0		\$ -		\$ -
Temporary Utilities	0	0	\$ -	0	\$0.00	0		\$ -		\$ -
Material Handling	0	0	\$ -	0	\$0.00	0	hr.	\$ -	hr.	\$ -
Permits, Licenses, Fees, Dues	0	0	\$ -	0	\$0.00	0	0	\$ -		\$ -
Revised as Built Drawings	0	0	\$ -	0	\$0.00	0	hr.	\$ -	hr.	\$ -
Safety Expense	0	0	\$ -	0	\$0.00	0	hr.	\$ -	hr.	\$ -
Travel Pay Expense (5) Men	0	0	\$ -	0	\$0.00	0	hr.	\$ -	hr.	\$ -
Subsistence Expense (5) Men	0	0	\$ -	0	\$0.00	0		\$ -		\$ -
Truck Expense	0	0	\$ -	0	\$0.00	0		\$ -		\$ -
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OCC Material Total	\$ 29,104.00
OCC's Labor Total	\$ -
OCC Direct Cost Total	\$ 672.83
Subcontract Total	\$ -
SUBTOTAL	\$ 29,776.83
OCC's Insurance @ 1.00%	\$ 297.77
OCC's Bond @ 1.00%	\$ 300.75
Change-Order Fee @ 10.00%	\$ 3,037.53
OELKE TOTAL FOR CHANGE	\$33,412.88

Clarifications to Change: _____

Owner's Signature: _____

Budget Year	Division	Adjustment Number
2021	Non-Departmental (800)	
	/Org2	
	Requestor: Kevin Springer	

Staff Recommends approval of Change Order #7 to RFQ 18-11 Contract with Nabholz Construction for Water and Sewer Relocate at Gregg Avenue in the amount of \$75,325.78 and Relocation of 8" Sewer line in Fay Jones woods in the amount of \$33,830.54 for a total amount of \$109,156.32 and approve a Budget Adjustment.

COUNCIL DATE: 10/5/2021

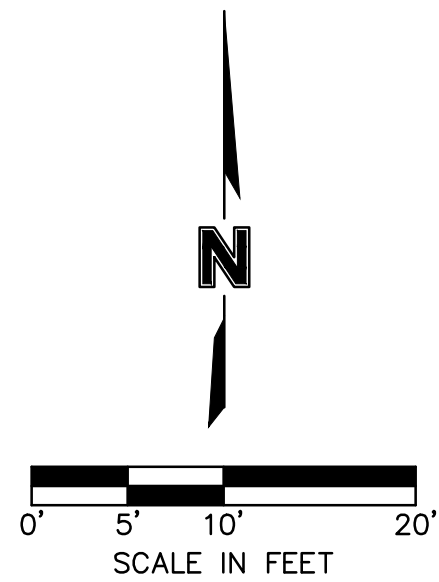
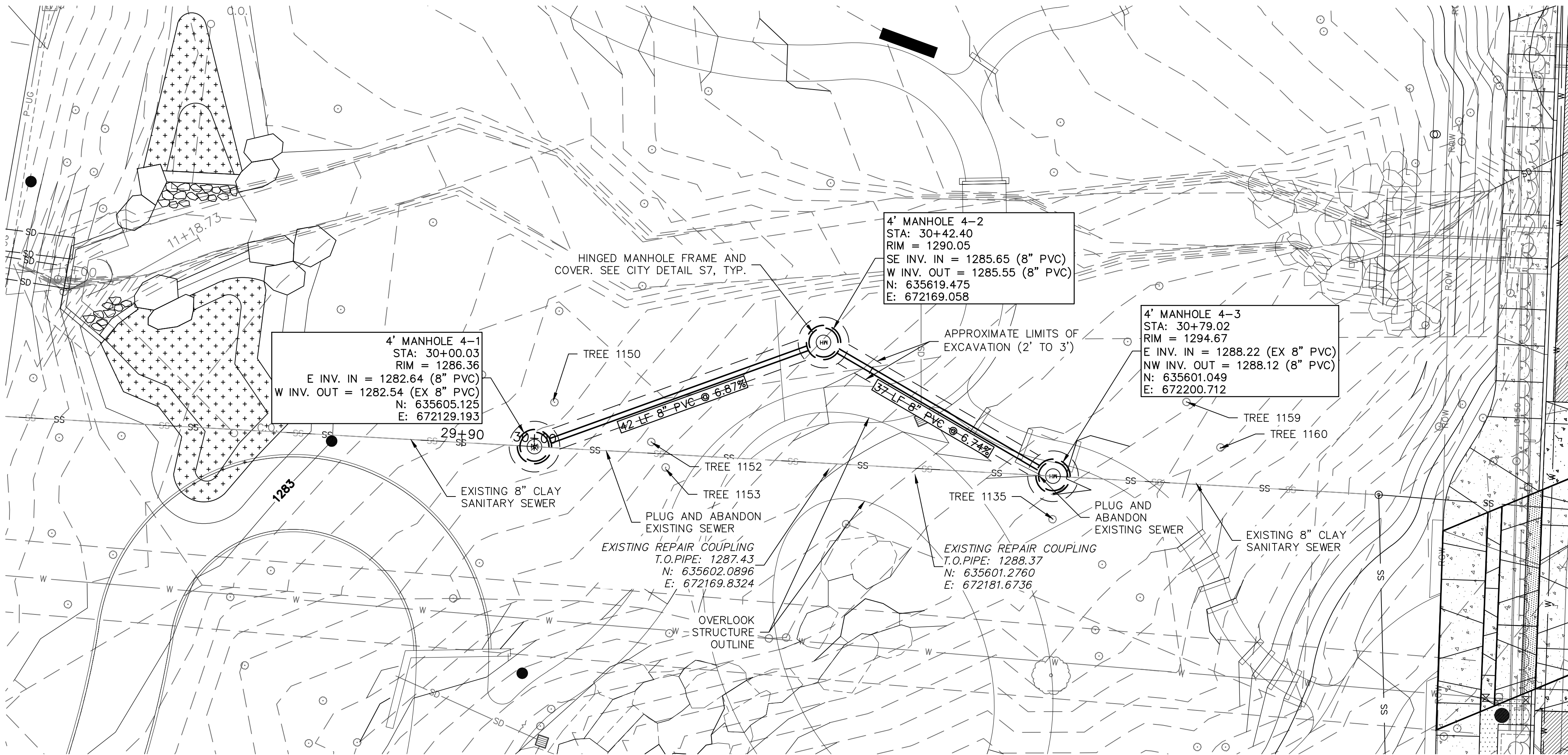
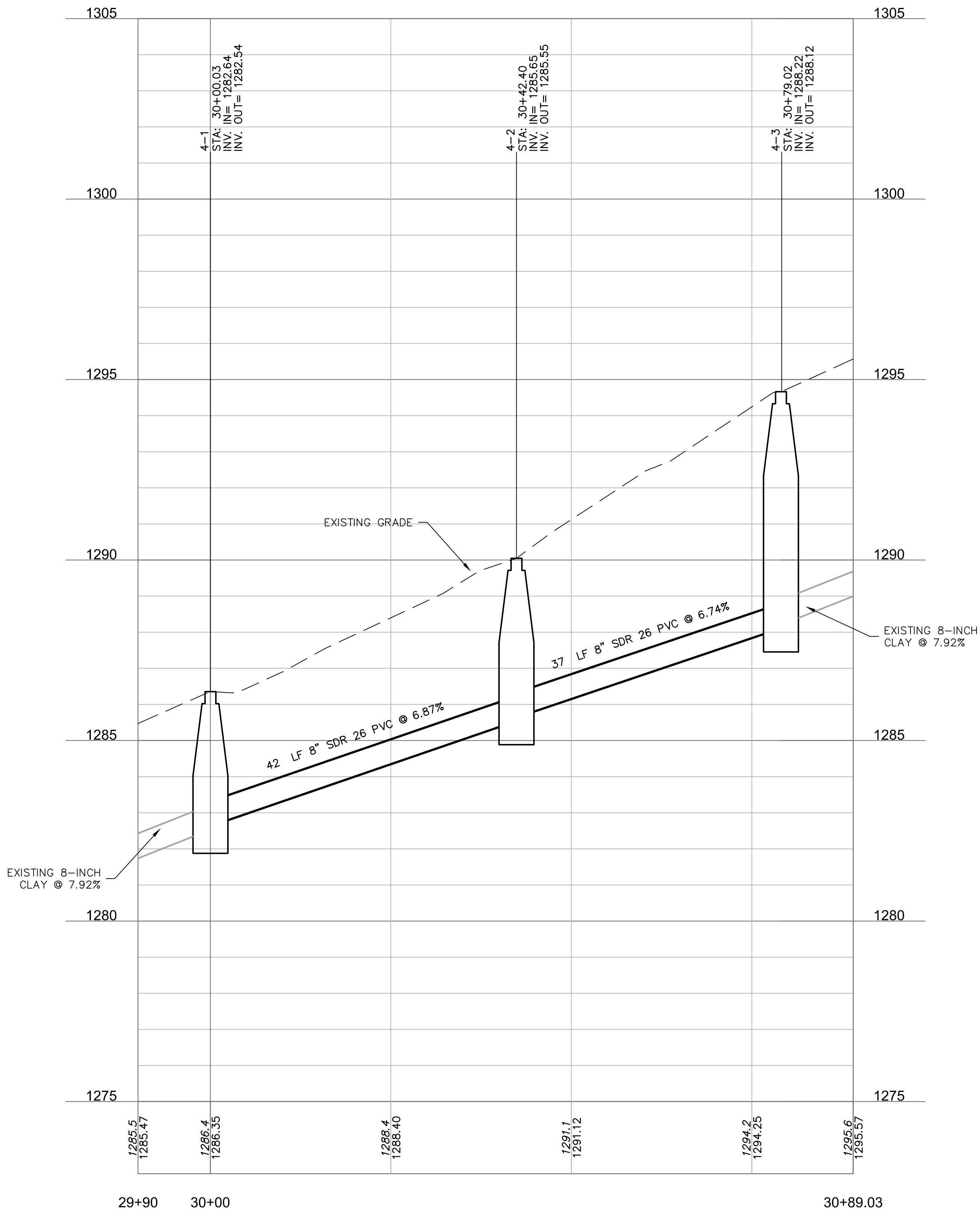
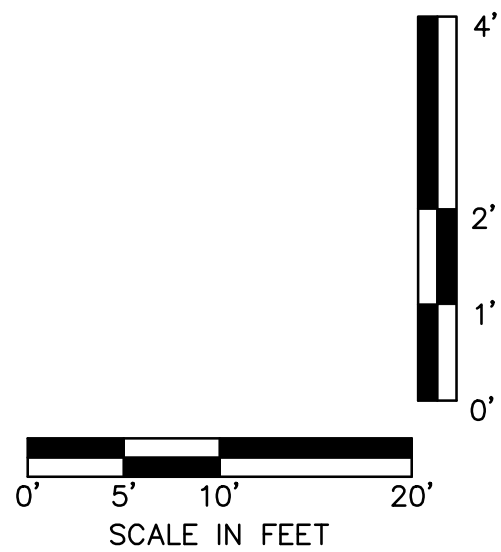
LEGISTAR FILE ID#: 2021-0732

Kevin Springer
9/15/2021 4:11 PM

Budget Director	Date
TYPE:	D - (City Council)
JOURNAL #:	
GLDATE:	
CHKD/POSTED:	/

[illegible]

F:\2018\2501-3000\018-2640\40-Design\AutoCAD\Final Plans\Sheet\VTWV\P_SAN_U2.01-U2.05_0182640.dwg -- Wednesday, March 17, 2021, 8:11am



- GENERAL SANITARY SEWER NOTES:
1. ALL SEWER CONSTRUCTION AND MATERIALS SHALL CONFORM TO CITY OF FAYETTEVILLE'S 2017 EDITION - "STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF WATER LINES AND SEWER LINES"
 2. CONTRACTOR SHALL SEQUENCE CONSTRUCTION OF WATER AND SEWER IMPROVEMENTS TO MINIMIZE SERVICE INTERRUPTIONS
 3. FIELD VERIFY EXISTING SEWER SERVICE LOCATIONS. LOCATIONS SHOWN ARE APPROXIMATE BASED ON BEST AVAILABLE INFORMATION.
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 6. WATER VALVE LIDS AND MANHOLE COVERS SHALL BE ADJUSTED TO NEW GRADE IN ALL SCOPE AREAS OF THE PROJECT, TYPICAL.

Preliminary

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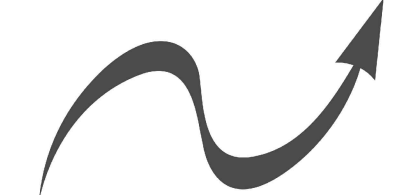
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NO.	Date	Issues/Revisions
1	11-30-18	SD PRICING
2	07-05-19	75% DD
3	09-20-19	100% DD
4	02-07-20	50% CD
5	04-03-20	90% CD
6	04-24-20	100% CD
7	09-18-20	REV#11/ASI#1

STAMP

PROJECT NAME

Cultural Arts
Corridor
Fayetteville,
Arkansas

100% CONSTRUCTION DOCUMENTS

PROJECT NO.: FVL1814
DRAWN BY: ELH/ZW/CJK
CHECKED BY: CBD

DRAWING TITLE

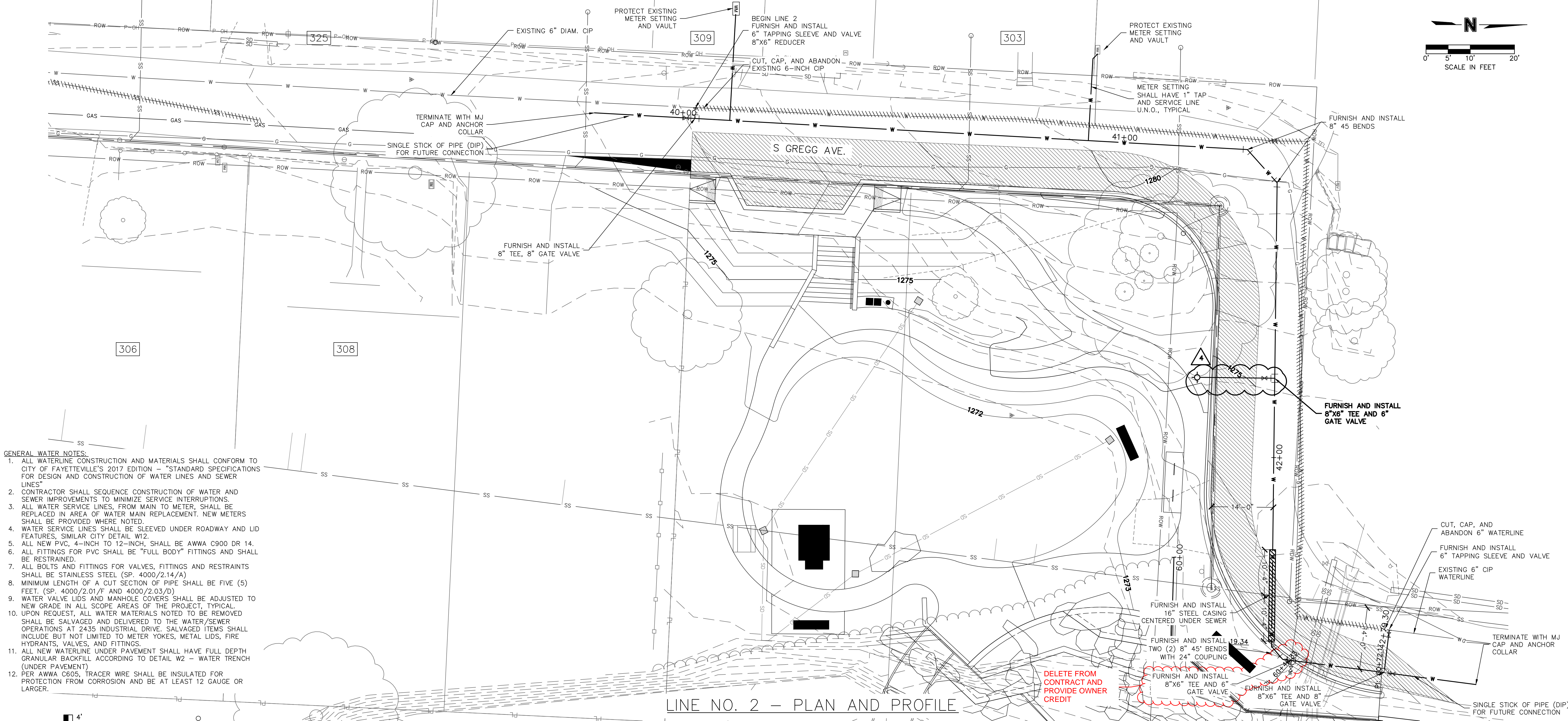
SEWER LINE
IMPROVEMENTS
PLAN AND PROFILE

DATE: SEPTEMBER 18, 2020
SCALE: 1" = 10'

DRAWING NUMBER

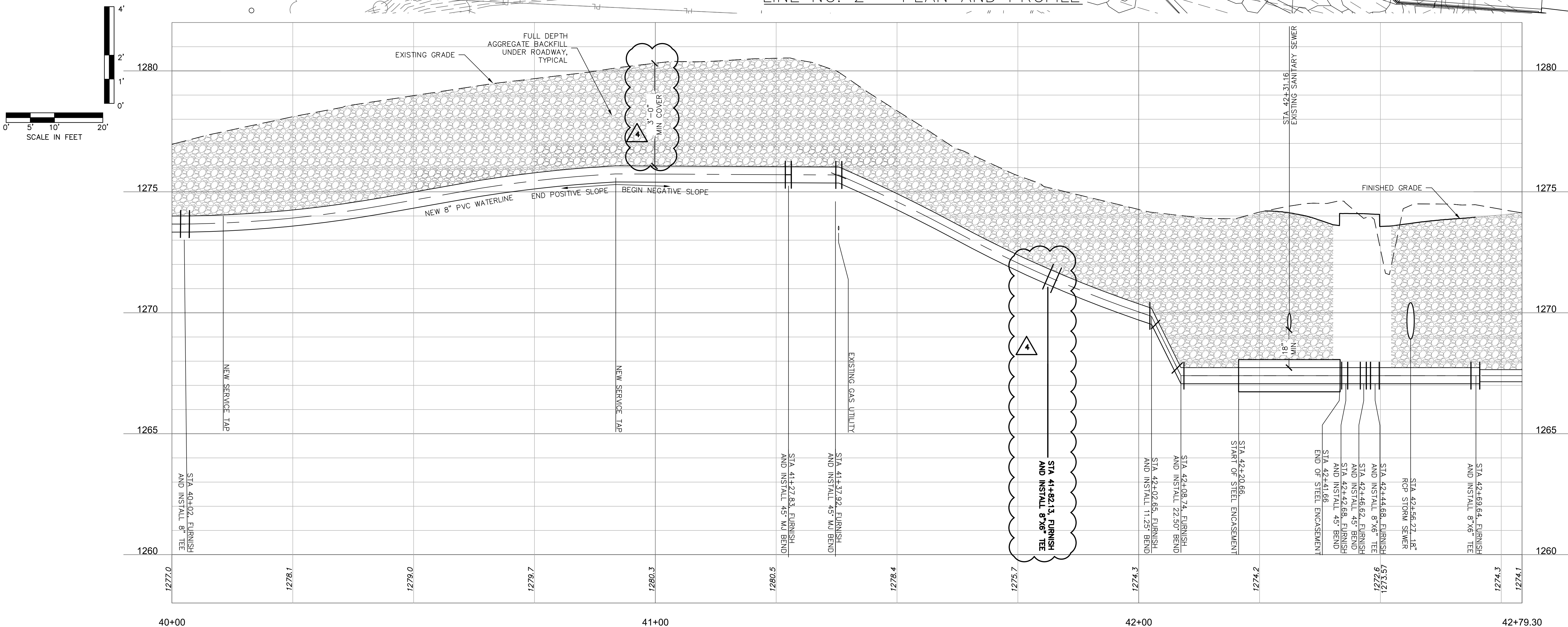
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- GENERAL WATER NOTES:
1. ALL WATERLINE CONSTRUCTION AND MATERIALS SHALL CONFORM TO CITY OF FAYETTEVILLE'S 2017 EDITION - "STANDARD SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF WATER LINES AND SEWER LINES"
 2. CONTRACTOR SHALL SEQUENCE CONSTRUCTION OF WATER AND SEWER IMPROVEMENTS TO MINIMIZE SERVICE INTERRUPTIONS.
 3. ALL WATER SERVICE LINES, FROM MAIN TO METER, SHALL BE REPLACED IN AREA OF WATER MAIN REPLACEMENT. NEW METERS SHALL BE PROVIDED WHERE NOTED.
 4. WATER SERVICE LINES SHALL BE SLEEVED UNDER ROADWAY AND LID FEATURES, SIMILAR CITY DETAIL W12.
 5. ALL NEW PVC, 4-INCH TO 12-INCH, SHALL BE AWWA C900 DR 14.
 6. ALL FITTINGS FOR PVC SHALL BE "FULL BODY" FITTINGS AND SHALL BE RESTRAINED.
 7. ALL BOLTS AND FITTINGS FOR VALVES, FITTINGS AND RESTRAINTS SHALL BE STAINLESS STEEL (SP. 4000/2.14/A)
 8. MINIMUM LENGTH OF A CUT SECTION OF PIPE SHALL BE FIVE (5) FEET. (SP. 4000/2.01/F AND 4000/2.03/D)
 9. WATER VALVE LIDS AND MANHOLE COVERS SHALL BE ADJUSTED TO NEW GRADE IN ALL SCOPE AREAS OF THE PROJECT, TYPICAL.
 10. UPON REQUEST, ALL WATER MATERIALS NOTED TO BE REMOVED SHALL BE SALVAGED AND DELIVERED TO THE WATER/SEWER OPERATIONS AT 2435 INDUSTRIAL DRIVE. SALVAGED ITEMS SHALL INCLUDE BUT NOT LIMITED TO METER YOKES, METAL LIDS, FIRE HYDRANTS, VALVES, AND FITTINGS.
 11. ALL NEW WATERLINE UNDER PAVEMENT SHALL HAVE FULL DEPTH GRANULAR BACKFILL ACCORDING TO DETAIL W2 - WATER TRENCH (UNDER PAVEMENT)
 12. PER AWWA C605, TRACER WIRE SHALL BE INSULATED FOR PROTECTION FROM CORROSION AND BE AT LEAST 12 GAUGE OR LARGER.

LINE NO. 2 - PLAN AND PROFILE



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7	09-18-20	REV#1/AS#1



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Fayetteville,
Arkansas

100% CONSTRUCTION DOCUMENTS

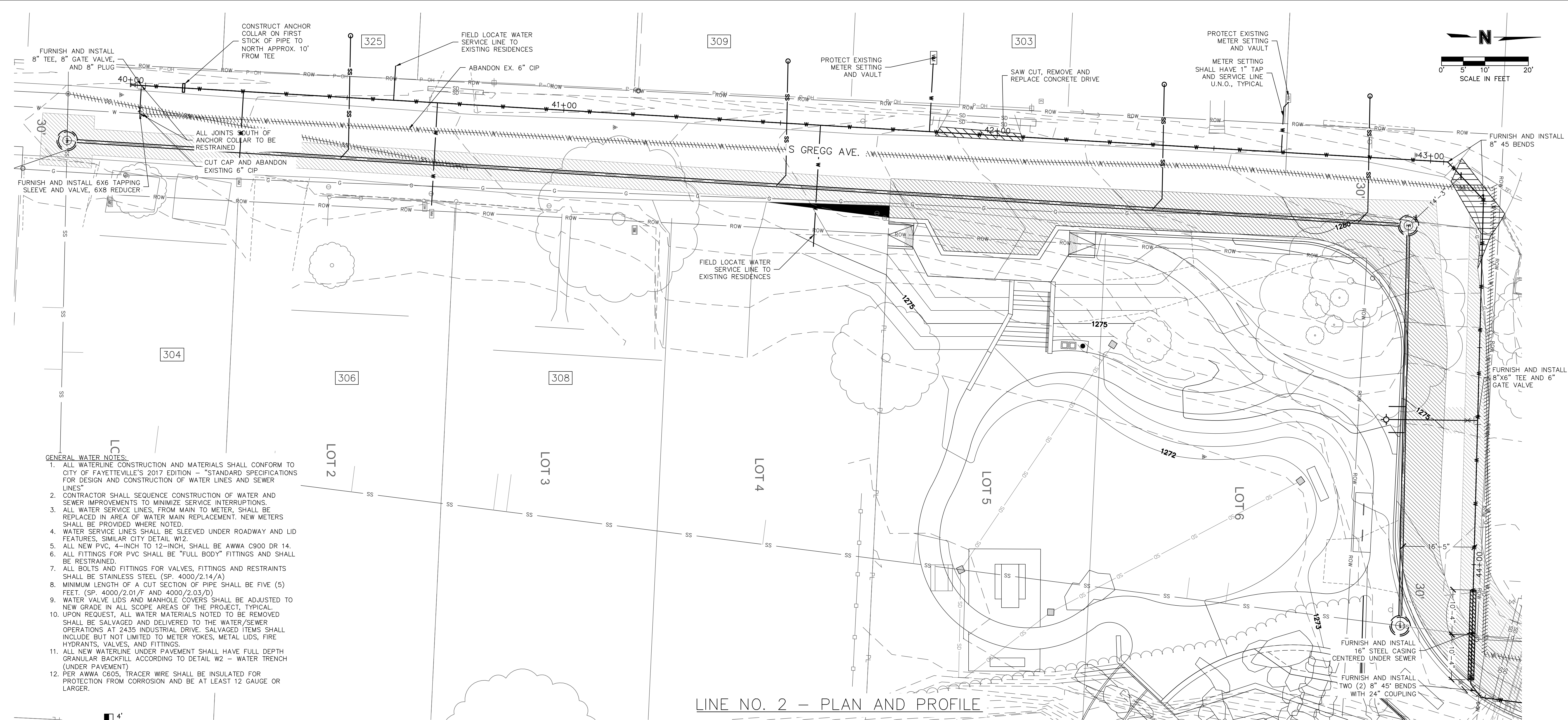
PROJECT NO.: FVL1814
DRAWN BY: ELH/ZW/CJK
CHECKED BY: CBD

WATER LINE
IMPROVEMENTS
PLAN AND PROFILE

DATE: SEPTEMBER 18, 2020
SCALE: 1" = 10'

U1.06

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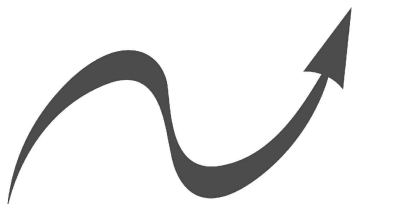
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8	07-15-21	RFI 50



PROJECT NAME

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Corridor
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PROJECT NO.: FVL1814
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CHECKED BY: CBD

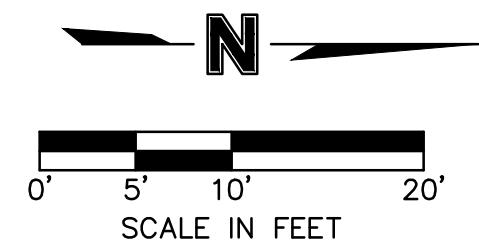
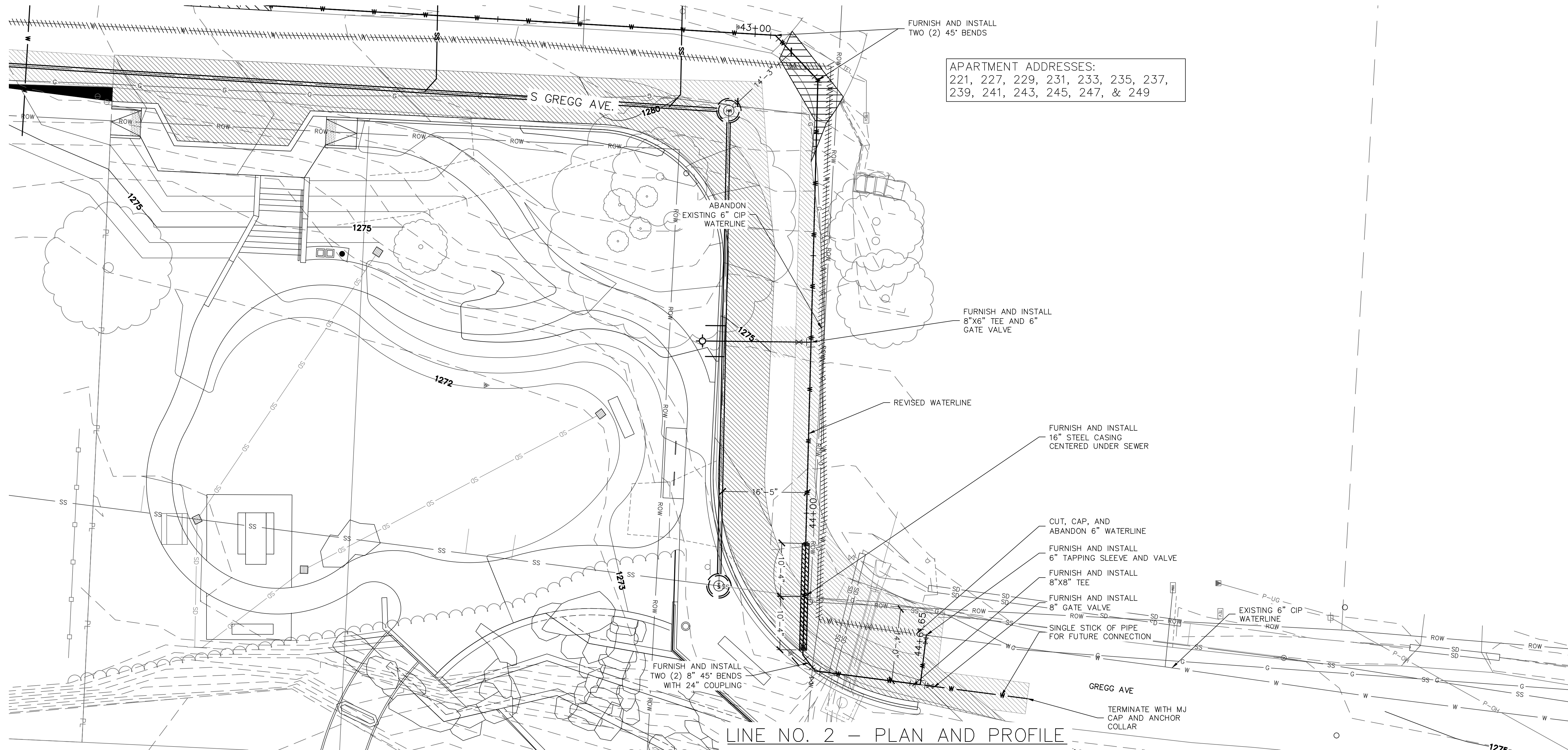
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WATER LINE
IMPROVEMENTS
PLAN AND PROFILE

DATE: SEPTEMBER 18, 2020
SCALE: 1" = 10'

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7	07-15-21	RFI 50



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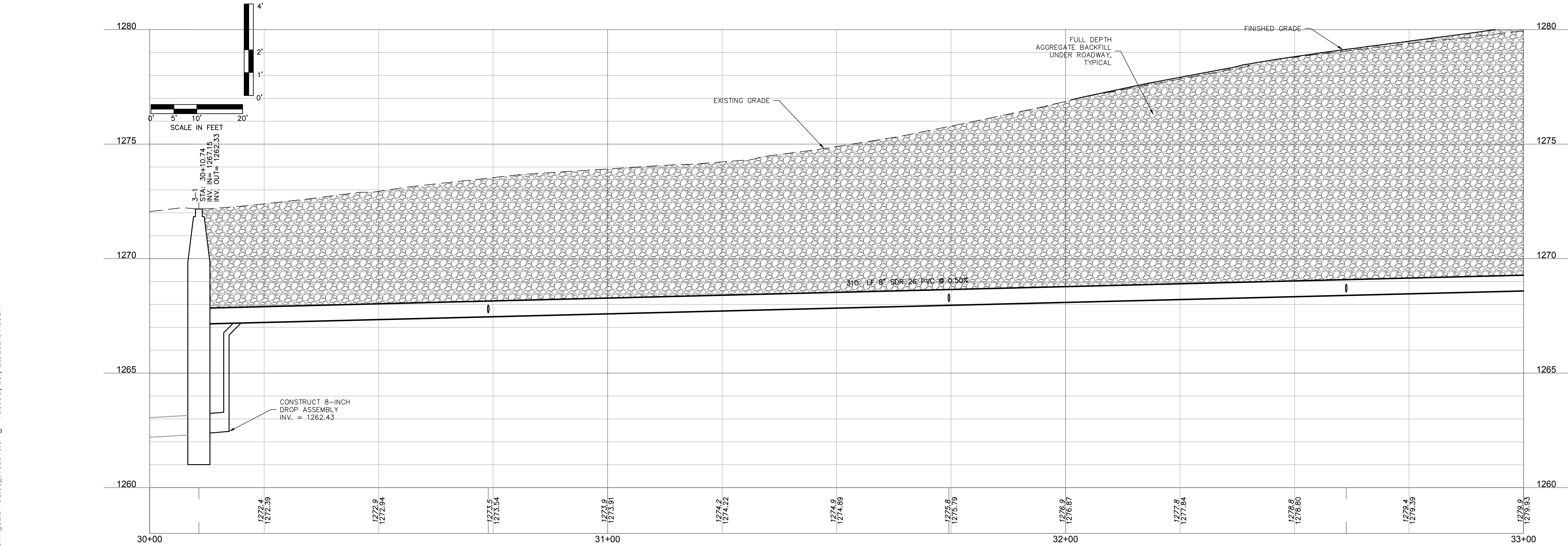
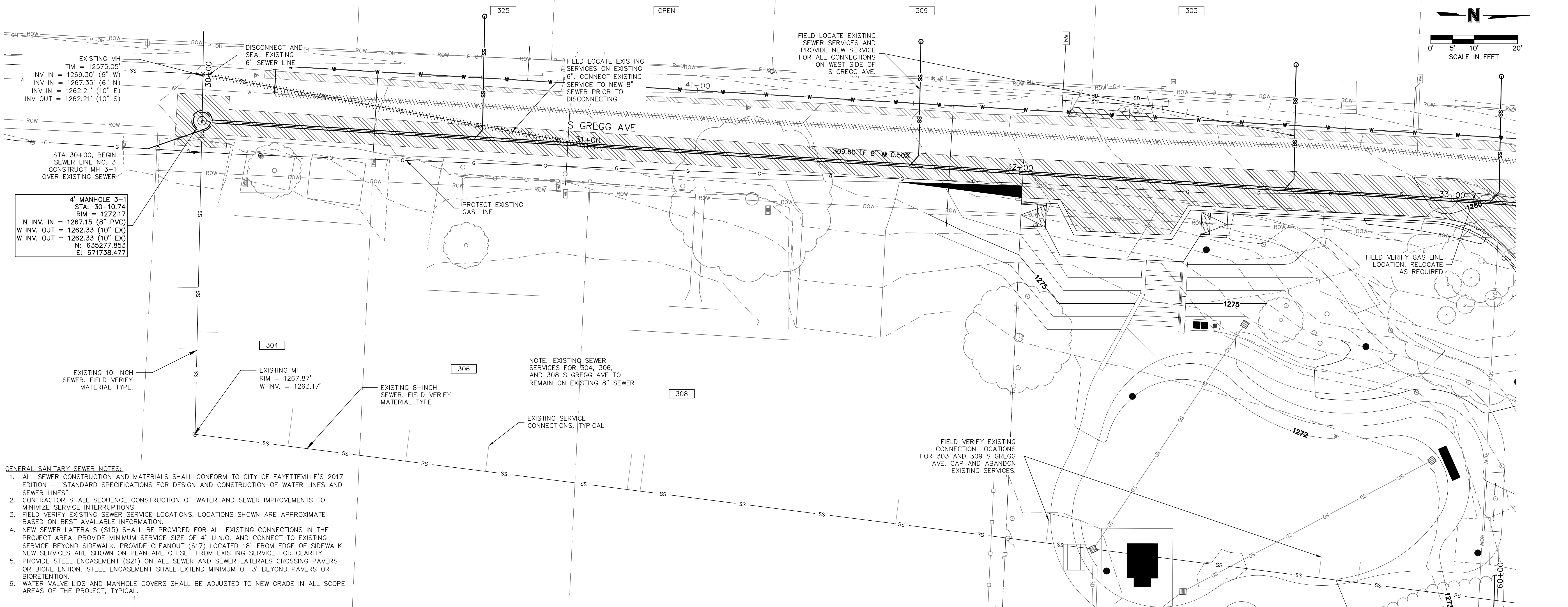
PROJECT NO.: FVL1814
DRAWN BY: ELH/ZW/CJK
CHECKED BY: CBD

DRAWING TITLE

WATER LINE
IMPROVEMENTS
PLAN AND PROFILE

DATE: APRIL 24, 2020
SCALE: 1" = 10'

U1.07



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7	07-15-21	RFI 50



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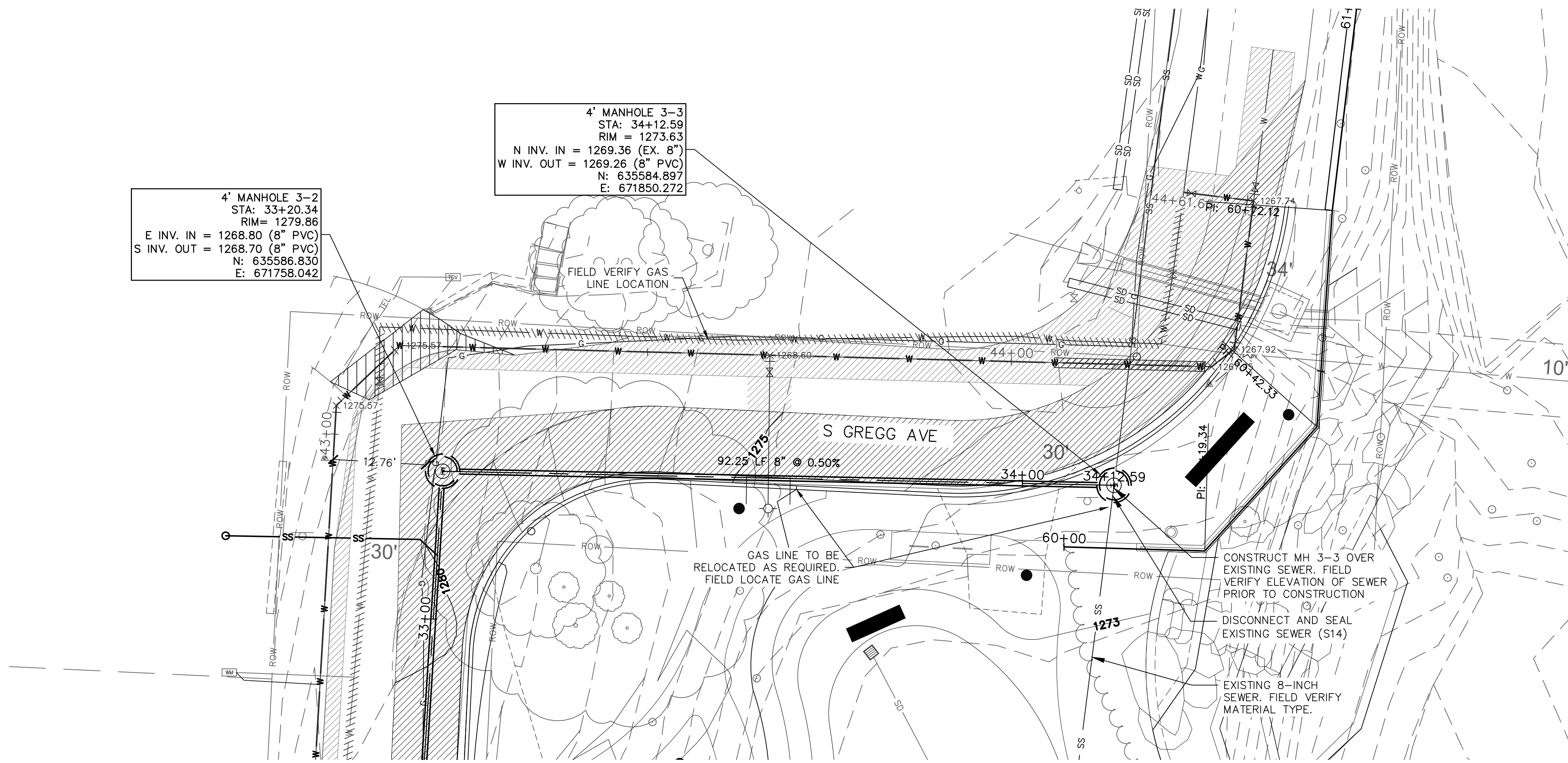
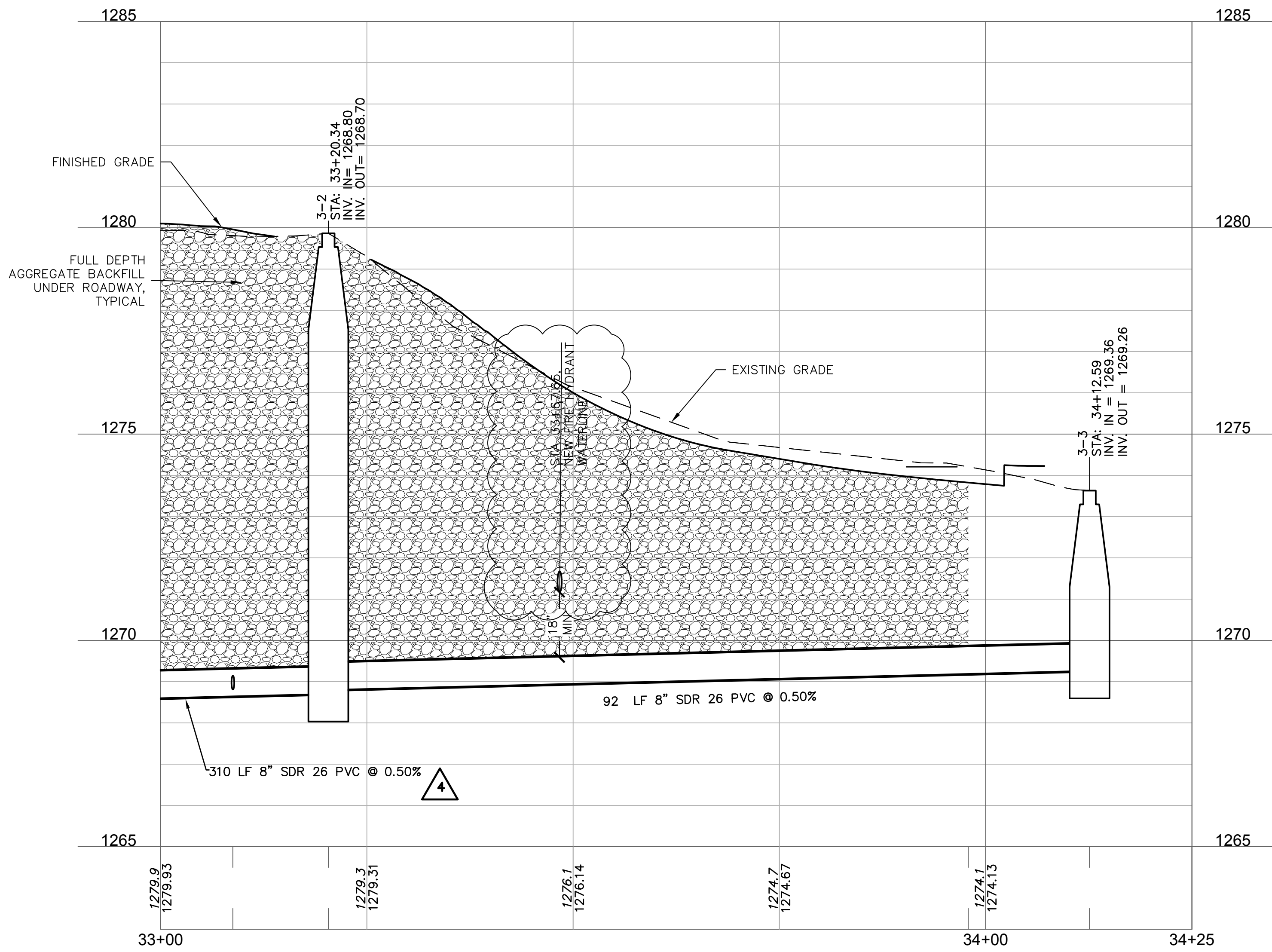
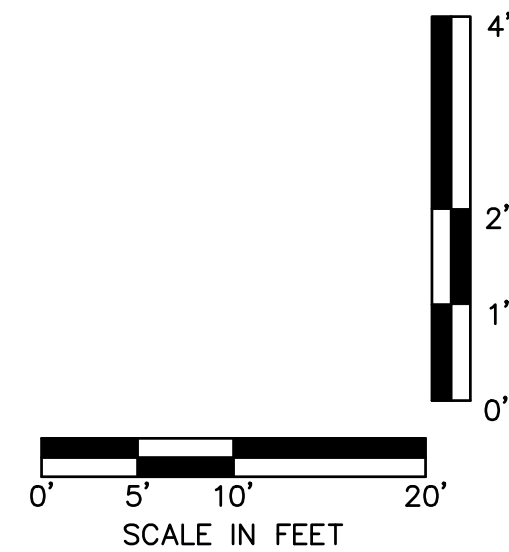
PROJECT NO.: FVL1814
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CHECKED BY: CBD

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SEWER LINE
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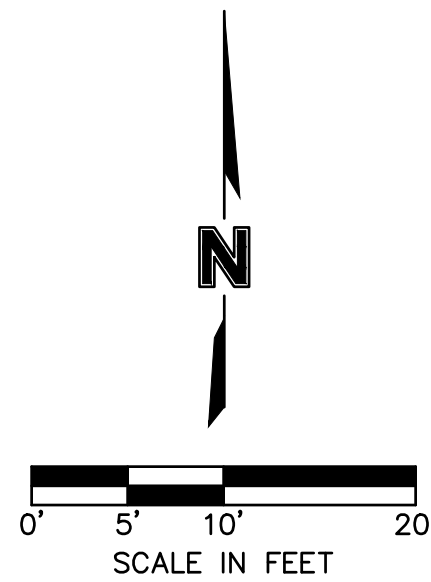
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SCALE: 1" = 10'

DRAWING NUMBER:
U2.04

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PROJECT NO.: FVL1814
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DRAWING TITLE:

SEWER LINE
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DATE: SEPTEMBER 18, 2020
SCALE: 1" = 10'

DRAWING NUMBER

U2.05