

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 18

NTP Required:

Contractor: James Construction Group ☒ Yes ☐ No

Project Name: FM3349 at US 79

Change Order Work Limits: Sta. A - 106+00 to Sta. A - 115+00

Type of Change(on federal-aid non-exempt projects): Minor (Major/Minor)

Reasons: 2G (3 Max. - In order of importance - Primary first)

Contract Award Date:	<u>9/26/2022</u>
Project Number:	<u>22IFB139</u>
Funding Source:	<u>P332</u>
Roadway:	<u>FM3349</u>
CSJ Number:	<u>N/A</u>

Describe the work being revised:

2. Differing Site Conditions. 2G Unadjusted Utility (unforeseeable): This Change Order compensates the Contractor for modifying the jacked & bored and open trench sections of the Jonah 36-in steel encased water line on Line A. During construction, a newly installed gas line along the northside of US 79 was found to be in conflict with the proposed water line. To clear the conflict, the jacked & bored section of the water line was lowered by 5 ft. This change created the need for additional shoring and material handling, and fittings to return the water line to its original elevation before continuing with the open cut section. To mitigate the cost, Jonah SUD provided revised plan sheets reducing the length of the jacked & bore section and increasing the length of the open cut section.

Work to be performed in accordance with Items: See Attached

New or revised plan sheet(s) are attached and numbered: 14-15, 25

New Special Provisions/Specifications to the contract are attached: ☐ Yes ☒ No

New Special Provisions to Item N/A No. N/A. Special Specification Item N/A are attached.

Each signatory hereby warrants that each has the authority to execute this Change Order (CO).

The contractor must sign the Change Order and, by doing so, agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change. THE CONTRACTOR Date <u>7/15</u> By <u>[Signature]</u> Typed/Printed Name <u>Jerry Williams</u> Typed/Printed Title <u>Division Manager</u>	The following information must be provided Time Ext. #: <u>N/A</u> Days added on this CO: <u>0</u> Amount added by this change order: <u>\$18,623.43</u> Original Contract Amount: <u>\$81,941,038.13</u> Total Change Orders To-Date: <u>\$2,153,064.94</u> Percent Change in Original Contract: <u>2.63%</u>
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RECOMMENDED FOR EXECUTION:

[Signature] 7/19/2024
Senior Construction Engineer Date

RECOMMENDED FOR EXECUTION:

[Signature] 8/6/2024
Department of Infrastructure Date
Williamson County

Christen Echberger 8/6/2024
Program Manager Date

APPROVED:

[Signature] 8-5-24
Jonah Water Special Utility District Date

Presiding Officer of the Date
Williamson County Commissioners Court

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 18

Project # 22IFB139

TABLE A: Force Account Work and Materials Placed into Stock

	LABOR	HOURLY RATE			HOURLY RATE

TABLE B: Contract Items:

				ORIGINAL + PREVIOUSLY REVISED		ADD or (DEDUCT)	NEW		
ITEM	DESCRIPTION	UNIT	UNIT PRICE	QUANTITY	ITEM COST	QUANTITY	QUANTITY	ITEM COST	OVERRUN/ UNDERRUN
J106-02	24" C-151/PC200 D.I. RESTRAINED JT PIPE/POLY	LF	\$256.00	1,073.00	\$274,688.00	346.00	1,419.00	\$363,264.00	\$88,576.00
J106-14	36" STEEL ENC. PIPE/OPEN CUT W/ 24" RESTRAINED JT	LF	\$653.00	1,023.00	\$668,019.00	(346.00)	677.00	\$442,081.00	(\$225,938.00)
J106-64	EXTRA DEPTH CONST. (36" CASING - OPEN CUT)	LF	\$105.00	0.00	\$0.00	352.00	352.00	\$36,960.00	\$36,960.00
J106-65	EXTRA DEPTH CONST. (TRENCH SAFETY EQUIP.)	LF	\$21.00	0.00	\$0.00	352.00	352.00	\$7,392.00	\$7,392.00
J106-66	DEMOB/REMOV/HANDLE OF UNUSED MATERIAL/DEWATERING	LS	\$20,496.12	0.00	\$0.00	1.00	1.00	\$20,496.12	\$20,496.12
J106-67	36" STL CASING PIPE - PURCHASE UNUSED MATERIAL	LF	\$199.84	0.00	\$0.00	346.00	346.00	\$69,144.64	\$69,144.64
J106-68	CASING SPACERS - PURCHASE UNUSED MATERIAL	EA	\$419.39	0.00	\$0.00	52.00	52.00	\$21,808.28	\$21,808.28
999 WC17	BOND 1% MARK-UP	DOL	\$184.39	0.00	\$0.00	1.00	1.00	\$184.39	\$184.39
	TOTALS				\$942,707.00			\$961,330.43	\$18,623.43

CHANGE ORDER REASON(S) CODE CHART

1. Design Error or Omission	1A. Incorrect PS&E 1B. Other
2. Differing Site Conditions (unforeseeable)	2A. Dispute resolution (expense caused by conditions and/or resulting delay) 2B. Unavailable material 2C. New development (conditions changing after PS&E completed) 2D. Environmental remediation 2E. Miscellaneous difference in site conditions (unforeseeable)(Item 9) 2F. Site conditions altered by an act of nature 2G. Unadjusted utility (unforeseeable) 2H. Unacquired Right-of-Way (unforeseeable) 2I. Additional safety needs (unforeseeable) 2J. Other
3. County Convenience	3A. Dispute resolution (not resulting from error in plans or differing site conditions) 3B. Public relations improvement 3C. Implementation of a Value Engineering finding 3D. Achievement of an early project completion 3E. Reduction of future maintenance 3F. Additional work desired by the County 3G. Compliance requirements of new laws and/or policies 3H. Cost savings opportunity discovered during construction 3I. Implementation of improved technology or better process 3J. Price adjustment on finished work (price reduced in exchange for acceptance) 3K. Addition of stock account or material supplied by state provision 3L. Revising safety work/measures desired by the County 3M. Other
4. Third Party Accommodation	4A. Failure of a third party to meet commitment 4B. Third party requested work 4C. Compliance requirements of new laws and/or policies (impacting third party) 4D. Other
5. Contractor Convenience	5A. Contractor exercises option to change the traffic control plan 5B. Contractor requested change in the sequence and/or method of work 5C. Payment for Partnering workshop 5D. Additional safety work/measures desired by the contractor 5E. Other
6. Untimely ROW/Utilities	6A. Right-of-Way not clear (third party responsibility for ROW) 6B. Right-of-Way not clear (County responsibility for ROW) 6C. Utilities not clear 6D. Other

Williamson County Road Bond Program

**FM3349 at US 79
Williamson County Project No. 22IFB139**

Change Order No. 18

Reason for Change

This Change Order compensates the Contractor for additional cost associated with changes to both, the open cut and jack & bore sections of the Jonah 36-inch steel encasement water line along Line A, located north and south of US 79. During construction, a newly installed gas line along the northside of US 79 was found to be in conflict with the proposed water line. To clear the conflict, the jacked & bored section of the water line under US 79 was lowered by 5 ft. This change created the need for additional shoring and material handling, and the installation of fittings to return the water line up to its original elevation before continuing with the open trench section. To mitigate the cost, Jonah SUD provided revised plan sheets reducing the length of the jacked & bored section and increasing the length of the open cut section. The unused steel casing and spacers were delivered to Jonah SUD for future use.

Following is summary of new items required for this Change Order.

ITEM	DESCRIPTION	QTY	UNIT
J106-64	EXTRA DEPTH CONST. (36" CASING – OPEN CUT)	352	LF
J106-65	EXTRA DEPTH CONST. (TRENCH SAFETY EQUIP.)	352	LF
J106-66	DEMOB/REMOV/HANDLE OF UNUSED MATERIAL/DEWATERING	1	LS
J106-67	36" STL CASING PIPE – PURCHASE UNUSED MATERIAL	346	LF
J106-68	CASING SPACERS – PURCHASE UNUSED MATERIAL	52	EA
999 WC17	BOND 1% MARK-UP	1	DOL

This Change Order results in a net increase of \$18,623.43 to the Contract amount, for an adjusted Contract total of \$84,094,103.07. The original Contract amount was \$81,941,038.13. As a result of this and all Change Orders to-date, \$2,153,064.94 has been added to the Contract, resulting in an 2.63% net increase in the Contract cost. No additional days will be added to or deducted from the Contract as a result of this Change Order.

HNTB Corporation

Oscar Salazar-Bueno, P.E.

Change Order Worksheet

Contract Name FM3349 at US79

Solicitation # 22IFB139

Date awarded 9/26/2022

Awarded Contract Amount \$81,941,038.13

Percentage Change

Change order #1	\$925,354.41	1.13%
Change order #2	\$82,000.00	0.10%
Change order #3	\$195,302.81	0.24%
Change order #4	-\$472,492.20	-0.58%
Change order #5	-\$5,274.97	-0.01%
Change order #6	\$130,053.00	0.16%
Change order #7	\$661,031.30	0.81%
Change order #8	\$327,321.48	0.40%
Change order #9	-\$368,749.53	-0.45%
Change order #10	\$67,965.30	0.08%
Change order #11	\$271,902.72	0.33%
Change order #12	\$64,791.00	0.08%
Change order #13	\$82,301.65	0.10%
Change order #14	\$101,248.22	0.12%
Change order #15	\$24,513.18	0.03%
Change order #16	\$35,324.07	0.04%
Change order #17	\$11,849.07	0.01%
Change order #18	\$18,623.43	0.02%

Total changes to date

\$2,153,064.94

2.63%

(Running totals here)

Adjusted contract amount

\$84,094,103.07

CHANGE ORDER PROPOSAL

Date: 6/19/2024

Invoice #



Bill To:
HNTB- WILLIAMSON COUNTY

RE:
FM3349
ASIF MIRZAZADA
3486-01-008

Qty	UM	Description	Unit Price	Total
1.00	LS	PRICE PROPOSAL- FM334- JONAH WL LOWERING AND CASING DEDUCT	\$ 18,623.43	\$18,623.43
		PREPARED BY: KYLE OLDHAM		
			Total	\$18,623.43

James Construction Group

PRICE PROPOSAL- FM334- JONAH WL LOWERING AND CASING DEDUCT

Date: 5/21/2024
CO Pricing Good For: 45 daysProject: FM3349
Control: 3486-01-008County: Williamson
Highway: FM3349

Description: PRICE PROPOSAL- FM334- JONAH WL LOWERING AND CASING DEDUCT

Estimated Qty: 1 LS
Estimated Change in Contract Sum: \$ 18,439.04

Narrative: PRICE PROPOSAL FOR CHANGES ACCORDING TO NEW JONAH SHEETS SENT ON 5/15/24 IN RESPONSE TO RFI 58.

Labor	Reg Hrs	OT Hrs	UM	Reg Rate	OT Rate (x1.5)	Extended
		0	HR		\$ -	\$ -
		0	HR		\$ -	\$ -
Subtotal						\$ -
55% Burdens						\$ -
15% Markup						\$ -
Total Labor						\$ -

Equipment	QTY	UM	Rate	Extended
		HR		\$ -
				\$ -
				\$ -
				\$ -
Subtotal				\$ -
15% Markup				\$ -
Total Equipment				\$ -

Subcontractors	QTY	UM	Price	Extended
EXISTING CONTRACT ITEMS				
J106-02 24" C-151/PC200 D.I. RESTRAINED JT PIPE/POLY	346.00	LF	\$ 256.00	\$ 88,576.00
J106-14 36" STEEL ENC. PIPE/OPEN CUT w/ 24" RESTRAINED JT	-346.00	LF	\$ 653.00	\$ (225,938.00)
NEW CONTRACT ITEMS				
EXTRA DEPTH CONST. (36" CASING- OPEN CUT)	352.00	LF	\$ 105.00	\$ 36,960.00
EXTRA DEPTH CONST. (TRENCH SAFETY EQUIP.)	352.00	LF	\$ 21.00	\$ 7,392.00
DEMOB/REMOB/HANDLE OF UNUSED MATERIAL/DEWATERING	1.00	LS	\$ 20,496.12	\$ 20,496.12
36" STL CASING PIPE- PURCHASE UNUSED MATERIAL	346.00	LF	\$ 199.84	\$ 69,144.64
CASING SPACERS- PURCHASE UNUSED MATERIAL	52.00	EA	\$ 419.39	\$ 21,808.28
Subtotal				\$ 18,439.04
Total Subcontract				\$ 18,439.04

Material	QTY	UM	Price	Extended
				\$ -
				\$ -
Subtotal				\$ -
25% Markup				\$ -
Total Material				\$ -

Miscellaneous	QTY	UM	Price	Extended
				\$ -
				\$ -
Subtotal				\$ -
15% Markup				
Total Miscellaneous				\$ -
SUBTOTAL				\$ 18,439.04
BOND @ 1%				\$ 184.39
TOTAL COST				\$18,623.43
UNIT PRICE (TOTAL COST/EST. QTY)				\$ 18,623.43



Patin Construction LLC

3800 W. Second Street

Taylor, TX 76574

Phone: (512) 269-1071

Fax: (512) 269-1072

CHANGE ORDER

May 20, 2024

JAMES CONSTRUCTION GROUP

Email: Gary Couch, Kyle Oldham

Project Name: FM 3349 at US 79- Water Line scope

Item No.	Qty.	Unit	Description	Unit Price	Total
1	346	LF	24" C-151, PC200 D.I. Restrained Joint Pipe, Polyethylene Tube Protection, and Fittings; w/ Tracer Wire; Installed	\$ 272.00	\$ 94,112.00
2	-346	LF	36" Steel Enc. Pipe, Open Cut; w/ 24" Restrained Joint C-151 PC200 D.I. Pipe; Installed	\$ 618.00	\$(213,828.00)
3	352	LF	Extra depth construction for deeper Water line (36" Steel Casing by Open Cut) after Bore was lowered due to gas line conflict- Labor, Equipment, Fuel	\$ 100.00	\$ 35,200.00
4	352	LF	Trench Safety- Additional boxes and rental fees for deeper construction on 36" Steel Casing by Open Cut	\$ 20.00	\$ 7,040.00
5	346	LF	36" Steel Encasement Pipe- Material already purchased and delivered, Supplier will not accept return of materials	\$ 199.84	\$ 69,144.64
6	52	EA	Casing Spacers- Material already purchased and delivered, Supplier will not accept return of materials	\$ 419.39	\$ 21,808.28
7	1	LS	Costs associated with unloading, reloading, handling and storage of 36" steel casing pipe material that is no longer needed for project- Labor and fuel	\$ 22,700.00	\$ 22,700.00
				Subtotal	\$ 36,176.92

TOTAL CHANGE ORDER #16 \$ 36,176.92

Subcontractor:

BY: *Jeff Birkhead*

Patin Construction, LLC

General Contractor

BY:

James Construction



REQUEST FOR INFORMATION FORM

RFI NO.: 58 DATE: 4/18/24
PROJECT: 3349 @ US-79 RESPONSE REQUESTED BY
TO: HNTB: ASIF DATE: ASAP

REFERENCE: Plan Sheets: Jonah Water Line Plan Sheet 14 & 15

PROBLEM:

See attached - See RFI - Patin is onsite a quick response when be appreciated.

Received

04/18/2024

HNTB CORPORATION
ROUND ROCK

RECOMMENDED SOLUTION:

Originator

Supervisor

RESPONSE:

Please see the attached revised plan sheets 14, 15, and 25. Only changes in quantities occurred on plant sheets 14 and 15. These changes in quantities occurred to items J106-2 and J106-14.


Responder

5/9/2024
Date

Sign, Date & Return to HNTB via e-mail or fax.

Mail original to: HNTB Corporation
101 E Old Settlers Blvd, Ste 225
Round Rock, Texas 78664

Attachments to RFI:
Cc:



5880 West Highway 190
LEWISVILLE, Texas 76513
Phone: 972-538-5300 Fax: 866-785-2025

Date: 04/18/2024

Request for Information # 058

Project FM 3349 @ SH 79

JCG Job# 10906

CSJ # 3486-01-008

To:	From:
ASIF MIRZAZADA	GARY COUCH JR
HNTB CORPORATION	JAMES CONSTRUCTION GROUP, LLC.
101 E. OLD SETTLERS BLVD. STE.225	5880 W. US HWY190
ROUND ROCK, TX 78664	BELTON, TX 76513
Phone: 512-987-9179	Phone: 254-346-1102
Fax:	Fax:
Email: AMIRZAZADA@HNTB.COM	Email: GCOUCH@PRIM.COM

Subject:	Status:	Response Required By:
Patin - Water Line - Open Cut Casing	RFI OPEN	ASAP

Submittal #:	Drawing #:	Addendum:	Spec Section:	Schedule #:
	JONAH 14 &15			

Please be advised that this document shall serve as notice pursuant to the terms of the Contract. The timeliness and/or content of the response may impose time and cost impacts to the project that could not have been reasonably or objectively contemplated at the time of the Bid, which may therefore merit an adjustment to the Contract.

RFI Detail:
Per our discussion at the meeting this morning, please submit a formal RFI to HNTB and Miles Whitney (Engineer) requesting that we move the location of the 45-degree bends and shallow up the Water line so that it's not 23' deep for roughly 250' LF on the south side of the bore and 448 LF on the north side of the bore. Attached is an Exhibit penciling in the requested change on Sheets 14 and 15 of the current approved plans. History of the change: A few months ago, due to the identification of an existing gas line at the bore pit for the Water line under Hwy 79, a plan revision was created that lowered the 36" Bore steel casing and 36" Open Cut steel casing by 5' from Station 104+55 to Station 115+76. The bore has already been installed per the revised plan; however, we are requesting that the Open Cut casing on the north and south side of the bore be eliminated and we install 45 degree bends immediately at each side of the Bore casing to bring the main 24" Ductile Iron line up to the meet the tie in grades that are shown at Station 104+34 and Station 116+07 of the plans. This revision would avoid a Change Order for additional depth construction and trench safety shoring due to the revision that lowered the depth of the full length of 36" Open Cut casing (698 LF) at this area of the project. We believe that revising the plans to 45-degree vertical bend the water line up to shallower grade immediately on each side of the Bore would avoid this potential change order increase and allow for more efficient and timely construction. Patin crews are currently on site working on the open cut casing. A quick response would be greatly appreciated to avoid demobilization.



5880 West Highway 190
LEWISVILLE, Texas 76513
Phone: 972-538-5300 Fax: 866-785-2025

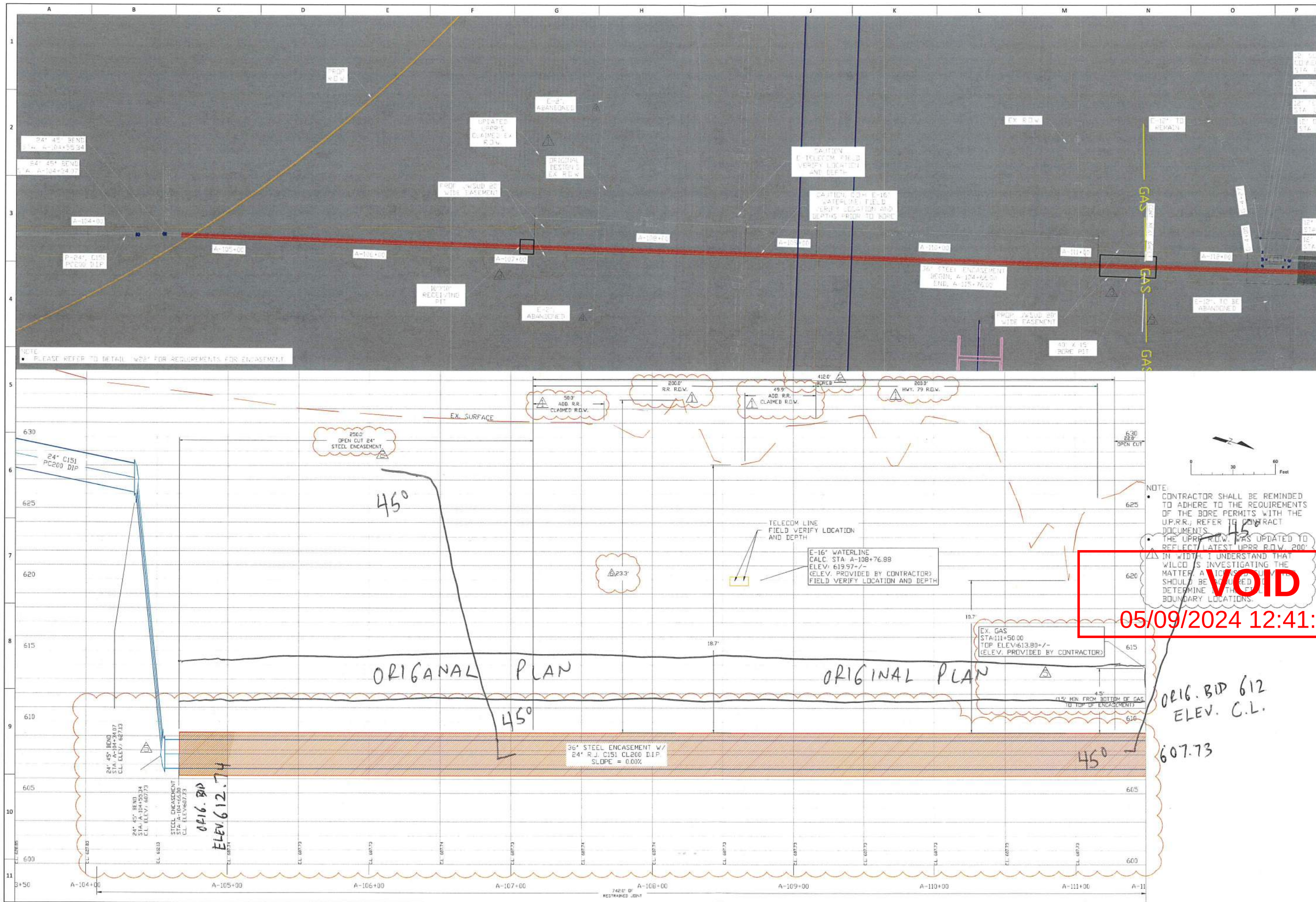
Date: 04/18/2024

Suggestion:

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Response:

Signature: _____ Date: _____



NO.	DATE	BY	REVISION DESCRIPTION
1	9/28/23	MWW	NOTE: REVISIONS RECAPITULATING UPRR ROW CHANGE TO BORE & OPEN CUT LENGTHS
2	9/28/23	MWW	ADDITION OF BORE W/ LOCATIONS
3	9/28/23	MWW	ADDITION OF 2" HOLE W/ AND NOTE REV.
4	11/16/23	MWW	REVISION DUE TO GAS CONFLICT
5	1/12/24	MWW	CORRECTED AND ADJUSTED NOTE

JONAH WATER S.U.D.

WILLIAMSON COUNTY, TEXAS

2021 - FM 3349, UTILITY ADJUSTMENTS

WATERLINE ALIGN. "A", STA. A-103+50 TO A-111+50

DESIGN: MWW

DRAWN: MWW

CHK: MWW

SEAL:

STATE OF TEXAS

MILES W. WHITNEY

REGISTERED PROFESSIONAL ENGINEER

NO. 12534

EXPIRATION DATE 12/31/2024

APPROVED:

DATE: 1/12/2024

AYOTE CONSULTING, LLC

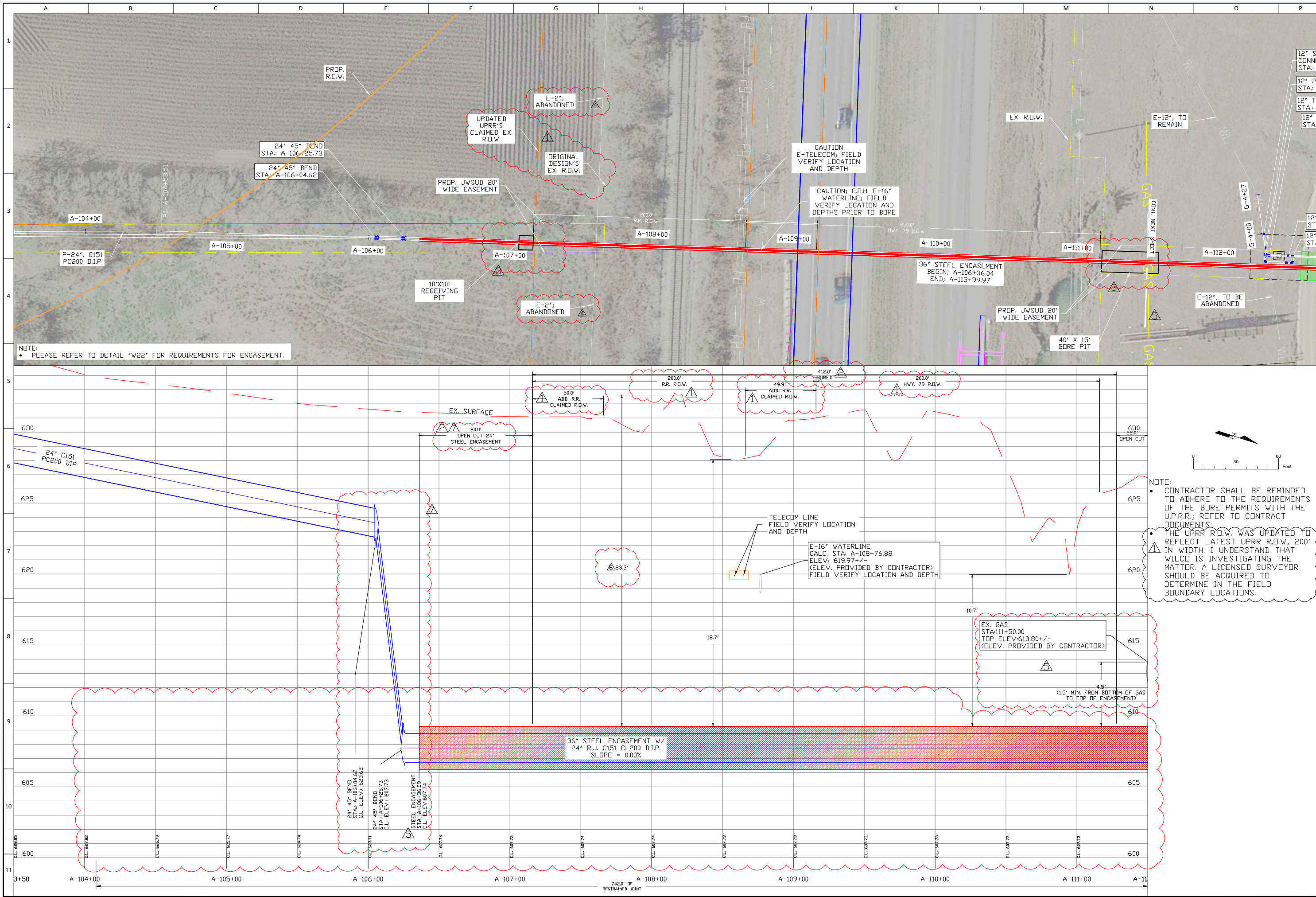
T.B.P.E. F-16387

P.O. BOX 24189

WACO, TX 76702

PH. 254-744-3439

SHEET 14



NOTE:
• PLEASE REFER TO DETAIL "W22" FOR REQUIREMENTS FOR ENCASEMENT.

NOTE:
• CONTRACTOR SHALL BE REMINDED TO ADHERE TO THE REQUIREMENTS OF THE BORE PERMITS WITH THE U.P.R.R.; REFER TO CONTRACT DOCUMENTS.
• THE UPRR R.O.W. WAS UPDATED TO REFLECT LATEST UPRR R.O.W., 200' IN WIDTH. I UNDERSTAND THAT WILCO IS INVESTIGATING THE MATTER. A LICENSED SURVEYOR SHOULD BE ACQUIRED TO DETERMINE IN THE FIELD BOUNDARY LOCATIONS.

REVISION	DESCRIPTION	DATE	BY	CHKD
1	NOTE REVISIONS REGARDING UPRR ROW	9/28/23	MWW	MWW
2	CHANGE TO BORE & OPEN CUT LENGTHS	9/28/23	MWW	MWW
3	ADDITION OF BORE PIT LOCATIONS	9/28/23	MWW	MWW
4	DELETION OF 2" PIPE WORK AND NOTE REV.	11/10/23	MWW	MWW
5	REVISION DUE TO GAS CONFLICT	1/12/24	MWW	MWW
6	CORRECTED AND ADJUSTED NOTE	1/19/24	MWW	MWW
7	SHORTEN ENCASEMENT & MOVE FITTINGS	5/3/24	MWW	MWW

JONAH WATER S.U.D.
WILLIAMSON COUNTY, TEXAS
2021 - FM 3349, UTILITY ADJUSTMENTS
WATERLINE ALIGN. "A"; STA. A-103+50 TO A-111+50

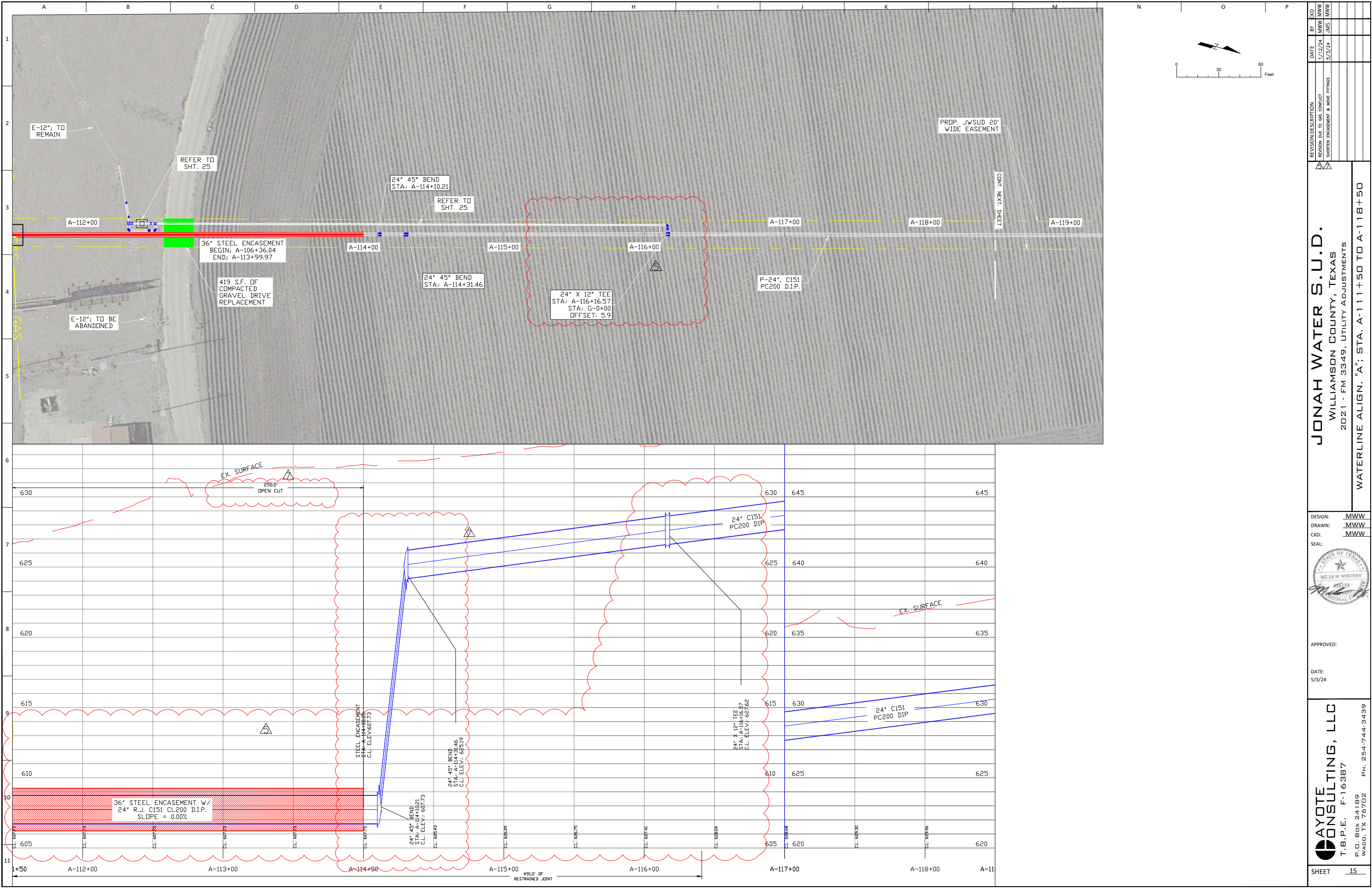
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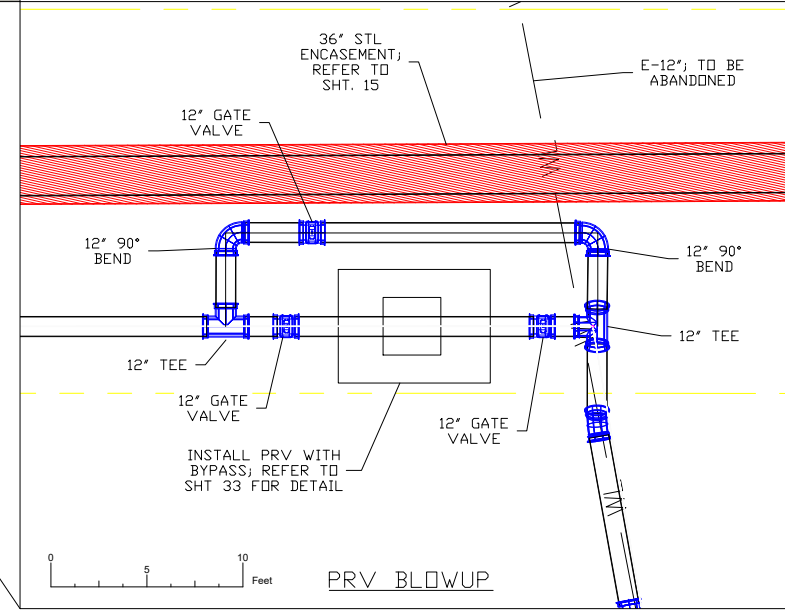
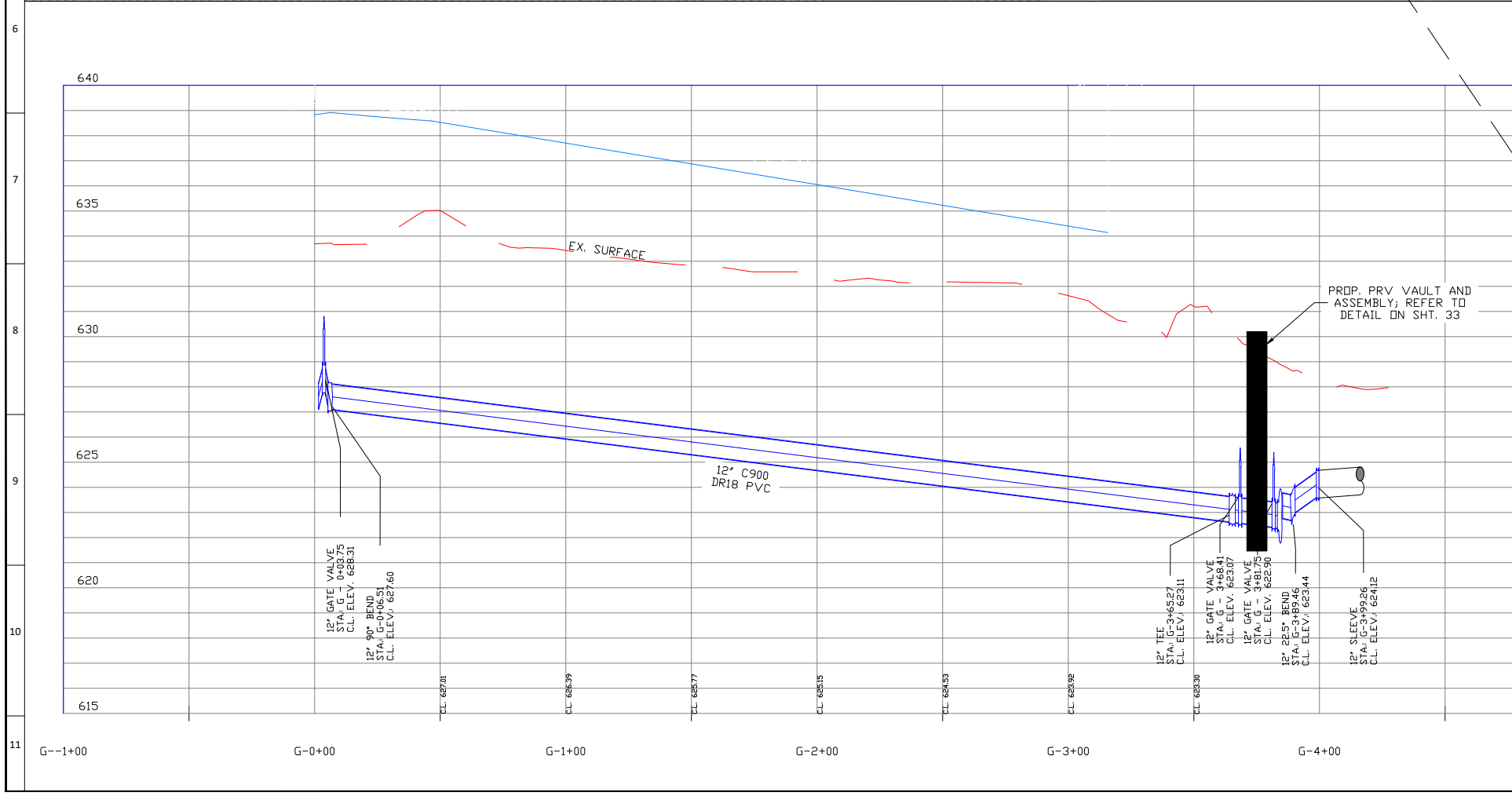
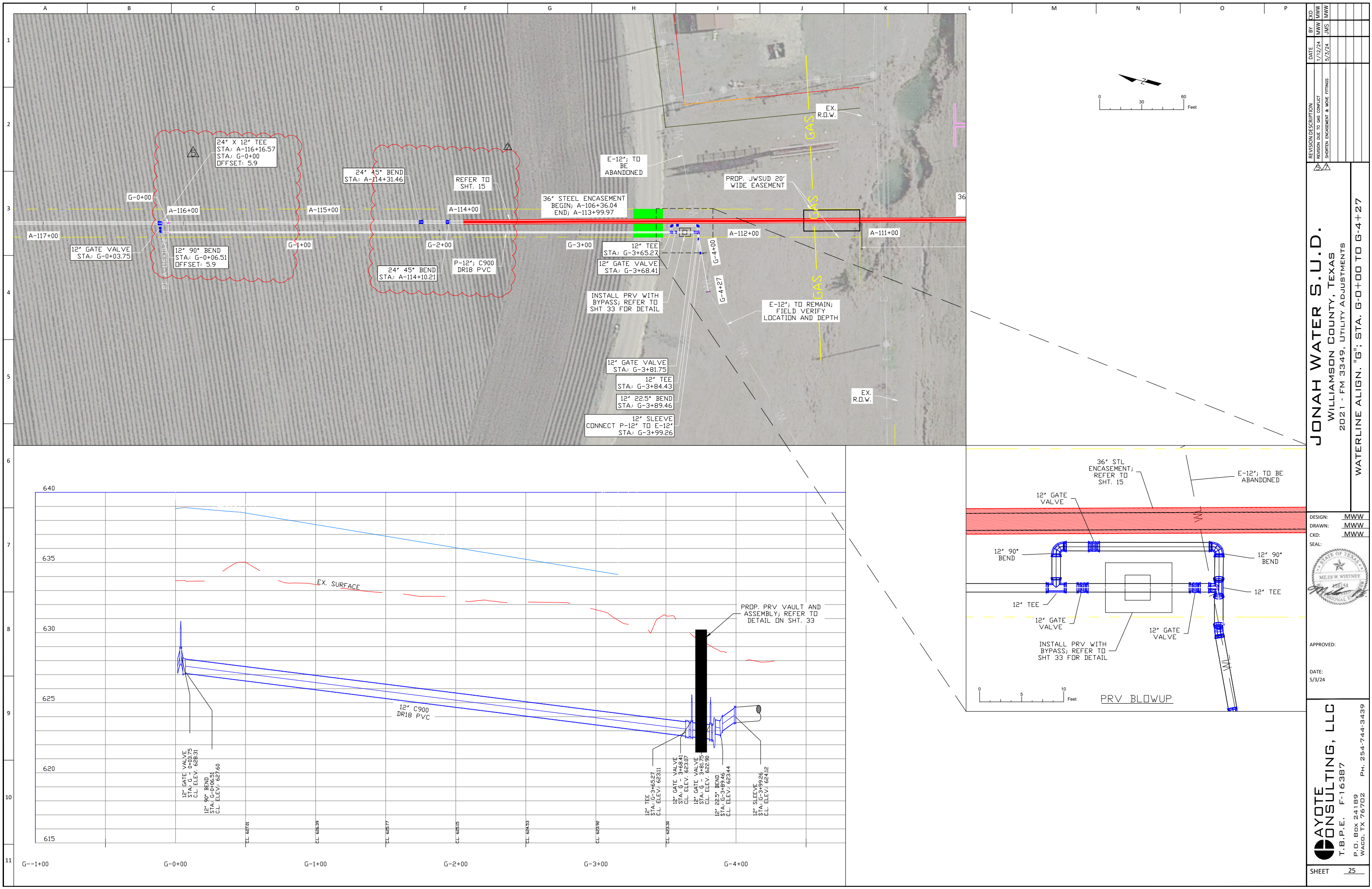


APPROVED:

DATE: 5/3/24

AYOTE CONSULTING, LLC
T.B.P.E. F-16387
P.O. BOX 24189
WACO, TX 76702
PH. 254-744-3439





NO BY DATE 1/12/24 MWW MWW JMS	REVISION DESCRIPTION REASON DUE TO GAS CONFLICT SHORTEN ENCASEMENT & MOVE FITTINGS	DESIGN: MWW DRAWN: MWW CKD: MWW SEAL:		APPROVED:	DATE: 5/3/24	AYOTE CONSULTING, LLC T.B.P.E. F-16387 P.O. BOX 24189 WACO, TX 76702 PH. 254-744-3439
JONAH WATER S.U.D. WILLIAMSON COUNTY, TEXAS 2021 - FM 3349, UTILITY ADJUSTMENTS WATERLINE ALIGN. "G"; STA. G-0+00 TO G-4+27			SHEET 25			