

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Contractor: Cash Construction NTP Required: ☒ Yes ☐ No

Project Name: Corridor H - Sam Bass Road

Change Order Work Limits: Sta. Varies to Sta. Varies

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

Reasons: 1A & 2G (3 Max. - In order of importance - Primary first)

Describe the work being revised:

1A. Design Error or Omission. Incorrect PS&E. & 2G. Differing Site Conditions. Unadjusted utility (unforseeable): This Change Order adds items to compensate the contractor for field adjustments on the BCMUD water line alignment to solve conflicts with existing utilities within the BCMUD water plant and the realignment of the proposed water line at the SW corner of Sam Bass Rd and Tonkawa Trail to remain inside the Right-Of-Way limits. This Change Order also compensates the Contractor for installing additional water services requested by BCMUD and for repairing several leaks on the existing water line to maintain service to BCMUD customers.

Work to be performed in accordance with Items: See attached

New or revised plan sheet(s) are attached and numbered: C-205, C-208, C-209, C-309, C-310, C-403

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 8-2-2024

By [Signature]

Typed/Printed Name

Hunter Drishell

Typed/Printed Title

Project Manager

The following information must be provided

Time Ext. #: N/A Days added on this CO: 0

Amount added by this change order: \$68,580.18

Original Contract Amount: 36,145,959.00

Total Change Orders To-Date: -2,212,340.46

Percent Change in Original Contract: -6.12%

RECOMMENDED FOR EXECUTION:

[Signature]
Senior Construction Engineer

8/6/2024

Date

RECOMMENDED FOR EXECUTION:

[Signature]
Department of Infrastructure
Williamson County

8/29/2024

Date

[Signature]
Program Manager

8/29/2024

Date

APPROVED:

N/A
3rd Party Signature

Date

Presiding Officer of the
Williamson County Commissioners Court

Date

WILLIAMSON COUNTY, TEXAS

CHANGE ORDER NUMBER: 5

Project # 23IFB8

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
BC-999-001	BCMUD YARD RETRENCH	LS	\$4,675.09	0.00	\$0.00	1.00	1.00	\$4,675.09	\$4,675.09
BC-999-002	BCMUD WATER LINE LEAK WORK	LS	\$54,755.79	0.00	\$0.00	1.00	1.00	\$54,755.79	\$54,755.79
BC-999-003	BCMUD (12") REALIGNMENT AT TONKAWA	LS	\$4,049.30	0.00	\$0.00	1.00	1.00	\$4,049.30	\$4,049.30
BC-510-001	BCMUD ADDED SERVICES	EA	\$2,550.00	0.00	\$0.00	2.00	2.00	\$5,100.00	\$5,100.00
TOTALS					\$0.00			\$68,580.18	\$68,580.18

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

Corridor H – Sam Bass Road Williamson County Project No. 23IFB8

Change Order No. 5

Reason for Change

This Change Order compensates the contractor for work related to the field adjustments on the BCMUD water line alignment to solve conflicts with existing utilities within the BCMUD water plant and the realignment of the proposed water line at the SW corner of Sam Bass Rd and Tonkawa Trail to remain inside the Right-Of-Way limits. This Change Order also compensates the Contractor for installing additional water services requested by BCMUD and for repairing several leaks on the existing water line to maintain service to BCMUD customers.

The following new items will be added by this Change Order.

ITEM	DESCRIPTION	QUANTITY	UNIT
BC-999-001	BCMUD YARD RETRENCH	1	LS
BC-999-002	BCMUD WATER LINE LEAK WORK	1	LS
BC-999-003	BCMUD (12") REALIGNMENT AT TONKAWA	2	EA
BC-510-001	BCMUD ADDED SERVICES	1	LS

This Change Order results in a net increase of \$68,580.18 to the Contract amount, for an adjusted Contract total of \$33,952,973.34. The original Contract amount was \$36,145,959.00. As a result of this and all Change Orders to-date, \$2,192,985.66 has been deducted from the Contract, resulting in a 6.07% net decrease in the overall Contract cost. No time will be added to the Contract for this Change Order.

HNTB Corporation

Oscar Salazar-Bueno, P.E.

Change Order Worksheet

Contract Name	Corridor H - Sam Bass Rd		Solicitation #:	23IFB8
Date awarded	1/13/2023			
Awarded Contract Amount	\$36,145,959.00		Percentage Change	
Change order #1	-\$2,394,078.12		-6.62%	
Change order #2	\$5,250.00		0.01%	
Change order #3	\$56,523.26		0.16%	
Change order #4	\$70,739.02		0.20%	
Change order #5	\$68,580.18		0.19%	
Total changes to date	(\$2,192,985.66)		-6.07%	(Running totals here)
Adjusted contract amount	\$33,952,973.34			

BC-999-001

CONTRACTOR: CASH CONSTRUCTION COMPANY, LTD.							
PROJECT:	1009 - Sam Bass Road						
ITEM:	CPR #10 - Trim and Remove Trees						
DATE:	12/12/2023						
				Prod. /	Additional	Unit	Bid
Item #	Description	Qty.	Unit	Day	Days	Bid	Amount
1	Realignment of BCMUD 12" Line	1.00	LS		2.00	\$4,675.09	\$4,675.09
	GRAND TOTAL						\$4,675.09
Notes:							
PRICES EXCLUDE: BONDS, IMPORTING TOPSOIL, STREET LIGHTS, ENGINEERING, REVEG, HAZARDOUS MATERIALS HANDLING, SLOPE RETENTION, ROCK BERMS, SOD, MAKE UP WELL AND ASSEMBLY, FOUNTAINS, AND ALL EROSION CONTROLS NOT LISTED.							

BREAKDOWN WORKSHEET

Item: CPR #11
Date: 1/3/2024

DESCRIPTION	QUAN	UNIT	UNIT PRICE	LABOR	MATERIAL	EQUIP	SUB
LABOR							
Superintendent	2	HR	\$63.94	\$127.88			
Forman (1)	2	HR	\$34.51	\$69.02			
Laborer (3)	0	HR	\$21.00	\$0.00			
Operator EX (1)	0	HR	\$23.00	\$0.00			
Operator LD (1)	2	HR	\$22.00	\$44.00			
Pipelayer (2)	0	HR	\$22.00	\$0.00			
Subtotal				\$240.90			
MATERIAL							
DI Fittings	0.03	TNS	\$28,650.00		\$859.50		
DI Pipe	0	LF	\$49.31		\$0.00		
Bedding	0	TNS	\$19.35		\$0.00		
Subtotal					\$859.50		
EQUIPMENT							
Deere 624K	2	HR	\$44.55			\$89.10	
CAT 320	0	HR	\$75.68			\$0.00	
Superintendents Truck	2	HR	\$8.00			\$16.00	
Subtotal	0					\$105.10	
SUB							
Chapman Trenching	87	LF	\$11.00				\$957.00
Survey - Restake	87	LF	\$1.25				\$108.75
Chapman Mobilization	1	LS	\$2,000.00				\$2,000.00
Subtotal							\$3,065.75
Subtotals				\$240.90	\$859.50	\$105.10	\$3,065.75
Burden on Direct Labor - 55%				\$132.50			
Direct Labor - 15%				\$56.01			
Material -15%							
Equipment - 15%						\$15.77	
Subcontracts -5%							\$153.29
Subtotals				\$429.40	\$859.50	\$120.87	\$3,219.04
Change Proposal Subtotal							\$4,628.81
Bond (1%)							\$46.29
Total Change Proposal							\$4,675.09

BC-999-002

CONTRACTOR: CASH CONSTRUCTION COMPANY, LTD.							
PROJECT: 1009 - Sam Bass Road							
ITEM: CPR #14 - T&M Work for BCMUD Leak							
DATE: 6/12/2024							
Item #	Description	Qty.	Unit	Prod. / Day	Additional Days	Unit Bid	Bid Amount
1	CPR #14 - T&M Work for BCMUD Leak	1.00	LS		16.00	\$54,755.79	\$54,755.79
GRAND TOTAL							\$54,755.79
Notes:							
PRICES EXCLUDE: BONDS, IMPORTING TOPSOIL, STREET LIGHTS, ENGINEERING, REVEG, HAZARDOUS MATERIALS HANDLING, SLOPE RETENTION, ROCK BERMS, SOD, MAKE UP WELL AND ASSEMBLY, FOUNTAINS, AND ALL EROSION CONTROLS NOT LISTED.							

BREAKDOWN WORKSHEET

Item: CPR#15 - T&M Work for BCMUD Leak
Date: 3/26/2024

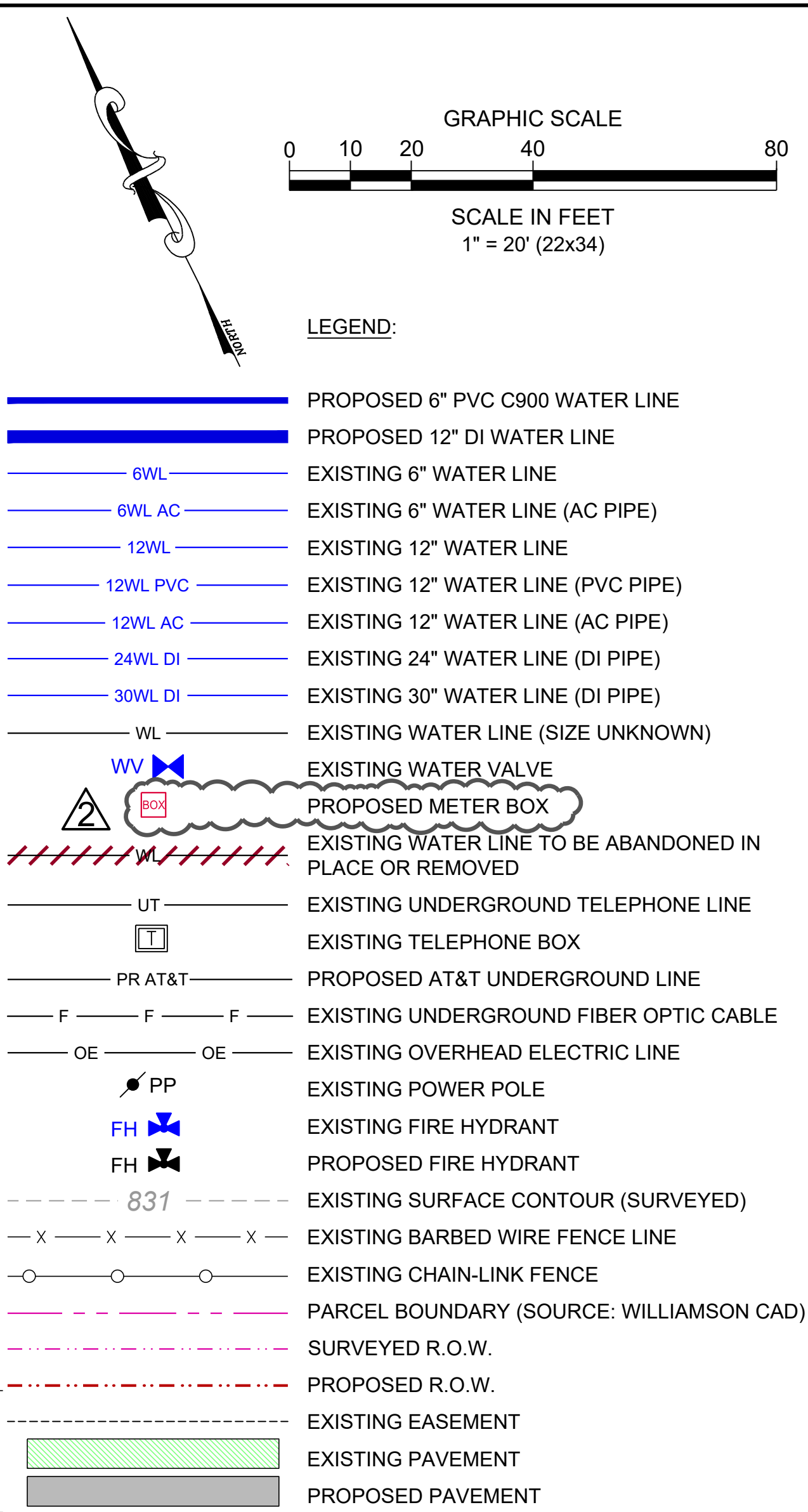
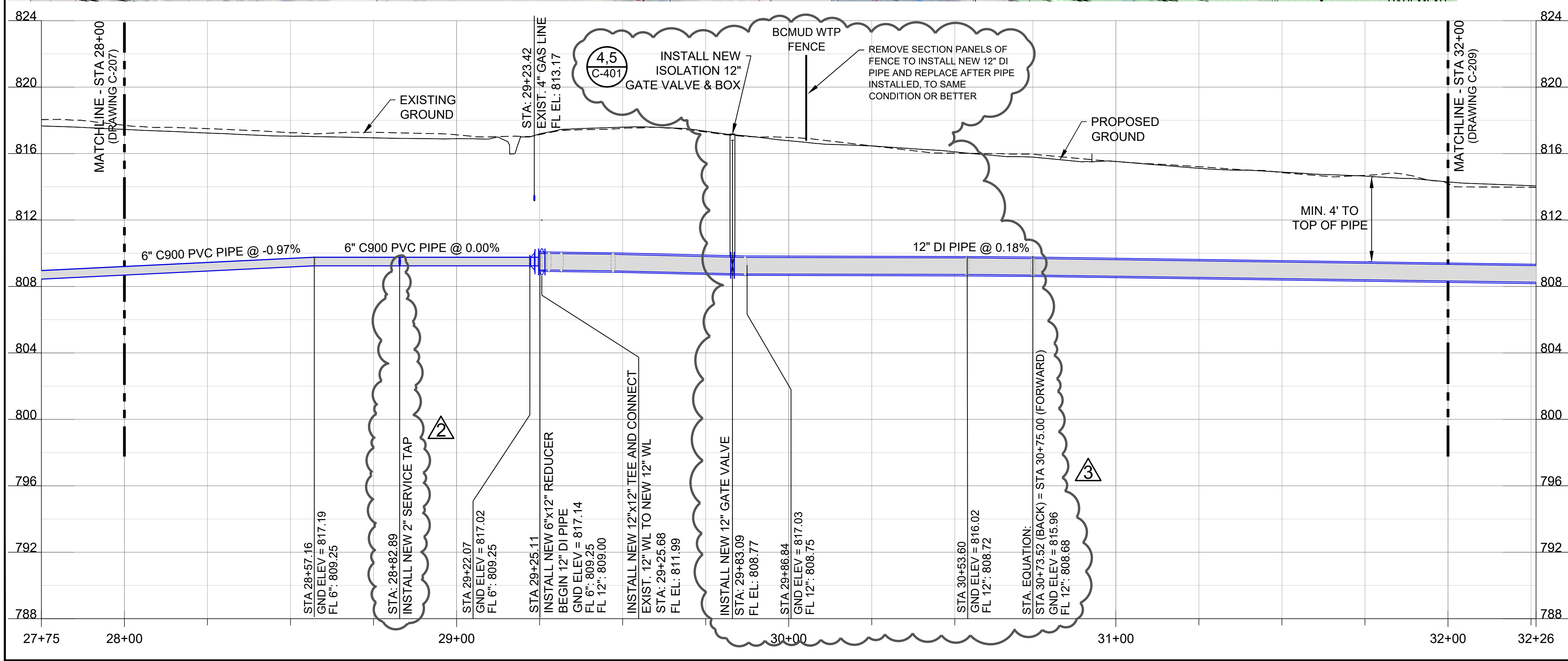
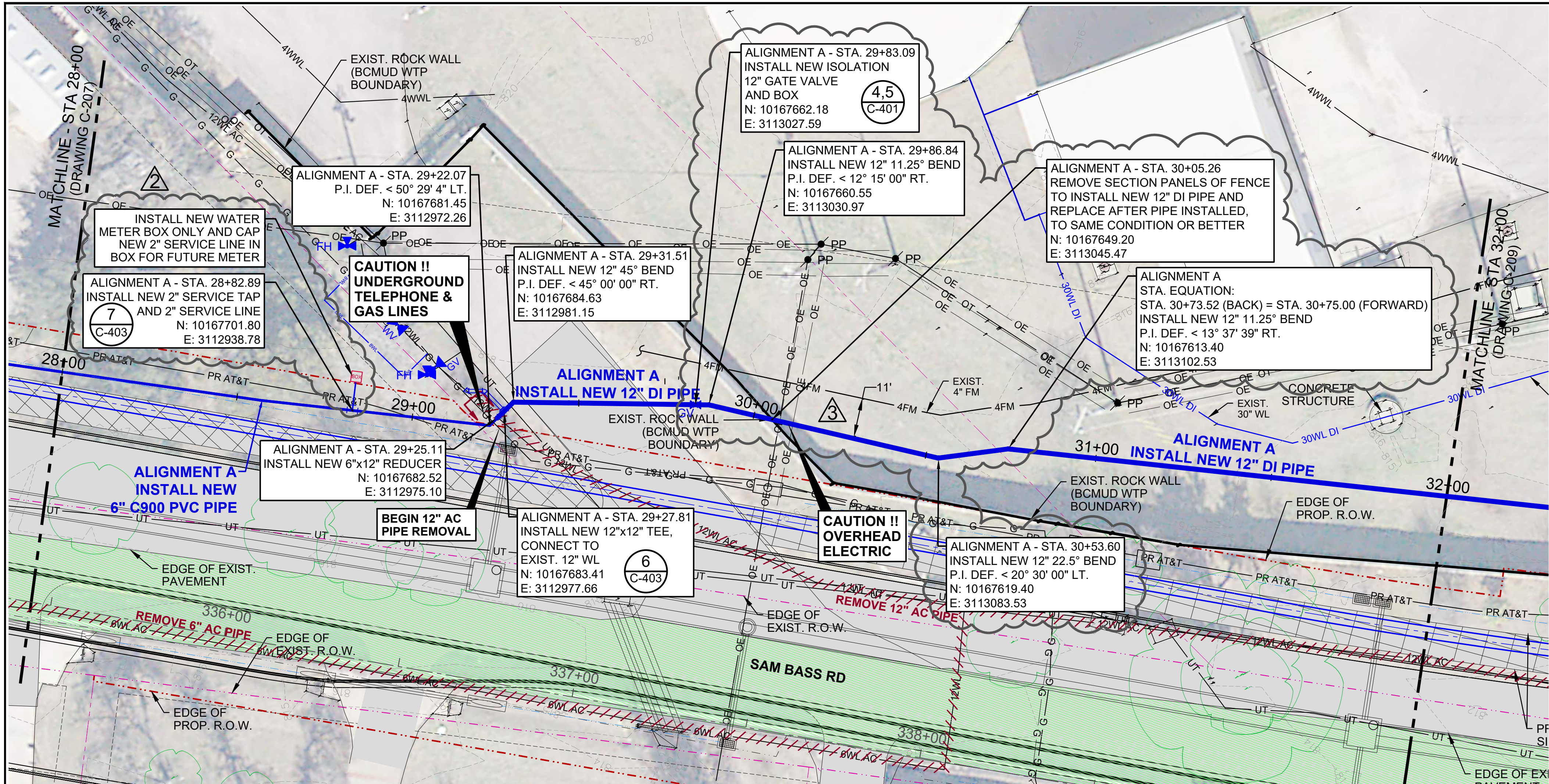
DESCRIPTION	QUAN	UNIT	UNIT PRICE	LABOR	MATERIAL	EQUIP	SUB
LABOR							
Superintendent 1	30	HR	\$63.94	\$1,918.20			
Superintendent 2	30	HR	\$28.85	\$865.50			
Forman (1)	75	HR	\$30.09	\$2,256.75			
Laborer (1)	146	HR	\$17.50	\$2,555.00			
Operator LD (1)	34	HR	\$24.48	\$832.32			
Operator LD (2)	60	HR	\$19.50	\$1,170.00			
Operator Blade	10	HR	\$34.75	\$347.50			
Operator Roller	18	HR	\$20.40	\$367.20			
Operator Backhoe	75	HR	\$20.91	<u>\$1,568.25</u>			
Subtotal				\$11,880.72			
MATERIAL							
Bedding	120	Tons	\$18.35		\$2,202.00		
Base	300	Tons	\$14.00		\$4,200.00		
Geogrid	1	Roll	\$1,002.25		<u>\$1,002.25</u>		
Subtotal					\$7,404.25		
EQUIPMENT							
Deere 624K	34	HR	\$103.08			\$3,504.72	
Cat 272D	60	HR	\$60.60			\$3,636.00	
Cat 416F2	75	HR	\$68.24			\$5,118.00	
Sakai SV540D	18	HR	\$117.45			\$2,114.10	
Water Truck	8	HR	\$24.20			<u>\$193.60</u>	
Subtotal						\$14,566.42	
SUB							
Alpha Remob	1	LS	\$6,500.00				\$6,500.00
Onsite Trucking	10	HR	\$90.00				<u>\$900.00</u>
Subtotal							\$7,400.00
Subtotals				\$11,880.72	\$7,404.25	\$14,566.42	\$7,400.00
Burden on Direct Labor - 55%				\$6,534.40			
Direct Labor - 15%				\$2,762.27			
Material -15%					\$1,110.64		
Equipment - 15%						\$2,184.96	
Subcontracts -5%							\$370.00
Subtotals				\$21,177.38	\$8,514.89	\$16,751.38	\$7,770.00
Change Proposal Subtotal							\$54,213.65
Bond (1%)							\$542.14
Total Change Proposal							<u>\$54,755.79</u>

CONTRACTOR: CASH CONSTRUCTION COMPANY, LTD.							
PROJECT: 1009 - Sam Bass Road							
ITEM: CPR#22 - Extra Work @ Tonkawa Tree							
DATE: 5/13/2024							
Item #	Description	Qty.	Unit	Prod. / Day	Additional Days	Unit Bid	Bid Amount
1	CPR#22 - Extra Work @ Tonkawa Tree	1.00	LS		1.00	\$4,049.30	\$4,049.30
GRAND TOTAL							\$4,049.30
Notes:							
PRICES EXCLUDE: BONDS, IMPORTING TOPSOIL, STREET LIGHTS, ENGINEERING, REVEG, HAZARDOUS MATERIALS HANDLING, SLOPE RETENTION, ROCK BERMS, SOD, MAKE UP WELL AND ASSEMBLY, FOUNTAINS, AND ALL EROSION CONTROLS NOT LISTED.							

BREAKDOWN WORKSHEET

Item: CPR#22 - Extra Work @ Tonkawa Tree
Date: 5/13/2024

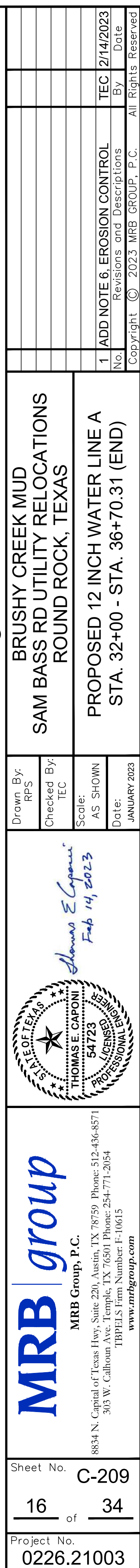
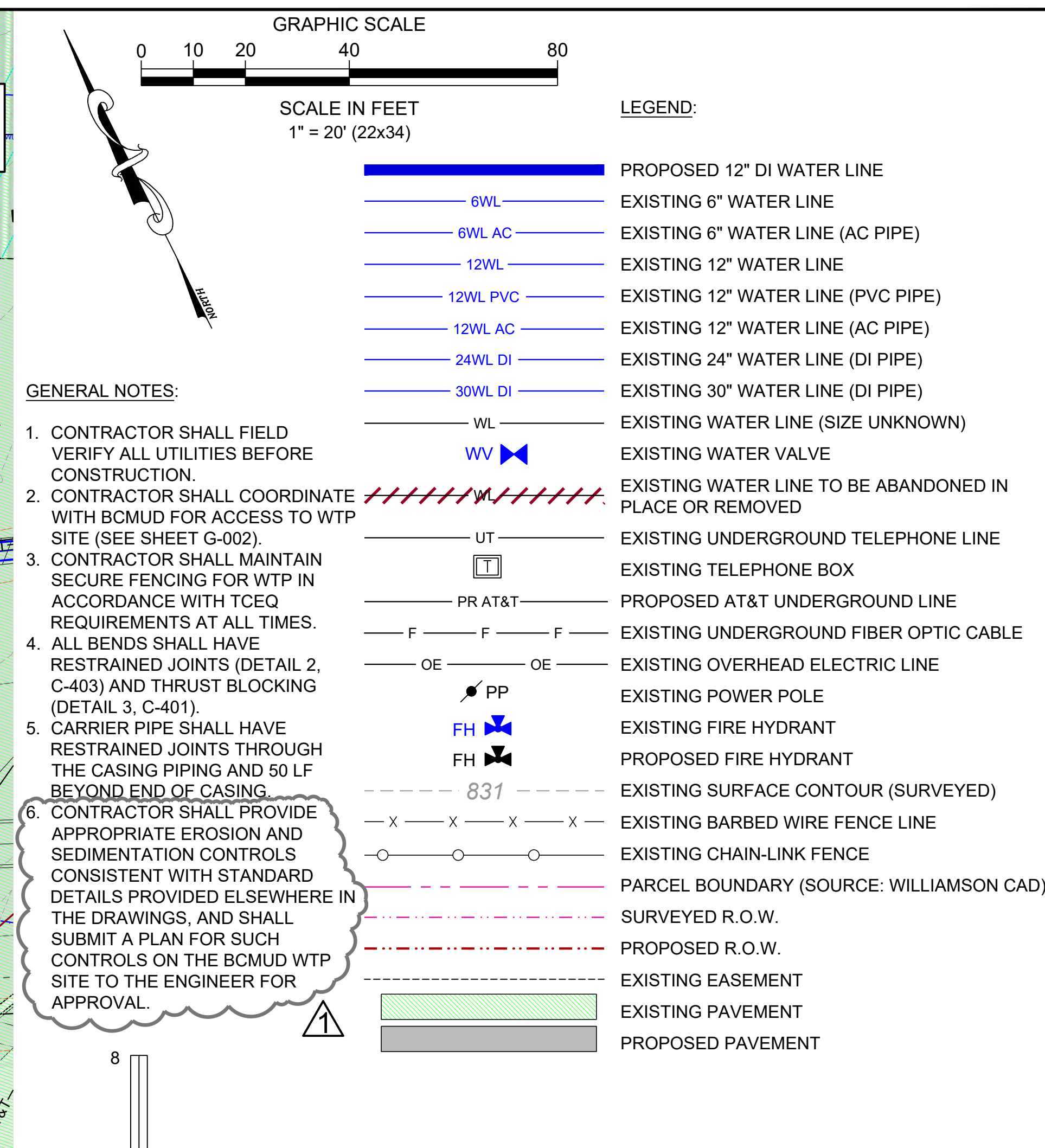
DESCRIPTION	QUAN	UNIT	UNIT PRICE	LABOR	MATERIAL	EQUIP	SUB
LABOR							
Superintendent 1	2	HR	\$63.94	\$127.88			
Foreman (1)	5	HR	\$42.42	\$212.10			
Laborer (1)	5	HR	\$22.00	\$110.00			
Laborer (2)	5	HR	\$19.00	\$95.00			
Pipelaye	5	HR	\$23.00	\$115.00			
Loader Operator(1)	0	HR	\$24.48	\$0.00			
Loader Operator (2)	0	HR	\$24.00	\$0.00			
Exc Operator	18	HR	\$27.00	\$486.00			
Subtotal				\$1,145.98			
MATERIAL							
					\$0.00		
					\$0.00		
Subtotal					\$0.00		
EQUIPMENT							
Deere 624K	0	HR	\$103.08			\$0.00	
Deere 544P	0	HR	\$57.83			\$0.00	
Cat 416F2	0	HR	\$68.24			\$0.00	
Cat 320	18	HR	\$95.00			\$1,710.00	
Water Truck	0	HR	\$24.20			\$0.00	
Subtotal						\$1,710.00	
SUB							
							\$0.00
Subtotal							\$0.00
Subtotals				\$1,145.98	\$0.00	\$1,710.00	\$0.00
Burden on Direct Labor - 55%				\$630.29			
Direct Labor - 15%				\$266.44			
Material -15%					\$0.00		
Equipment - 15%						\$256.50	
Subcontracts -5%							\$0.00
Subtotals				\$2,042.71	\$0.00	\$1,966.50	\$0.00
Change Proposal Subtotal							\$4,009.21
Bond (1%)							\$40.09
Total Change Proposal							\$4,049.30

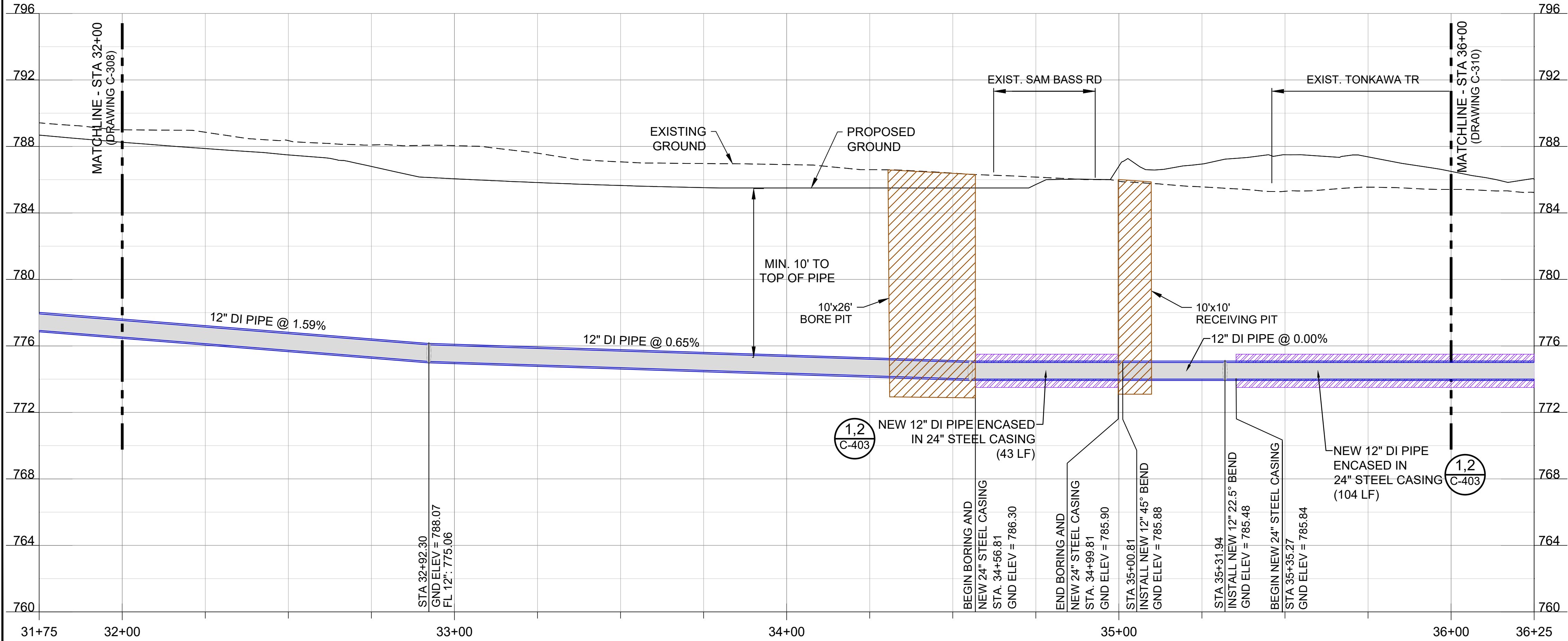
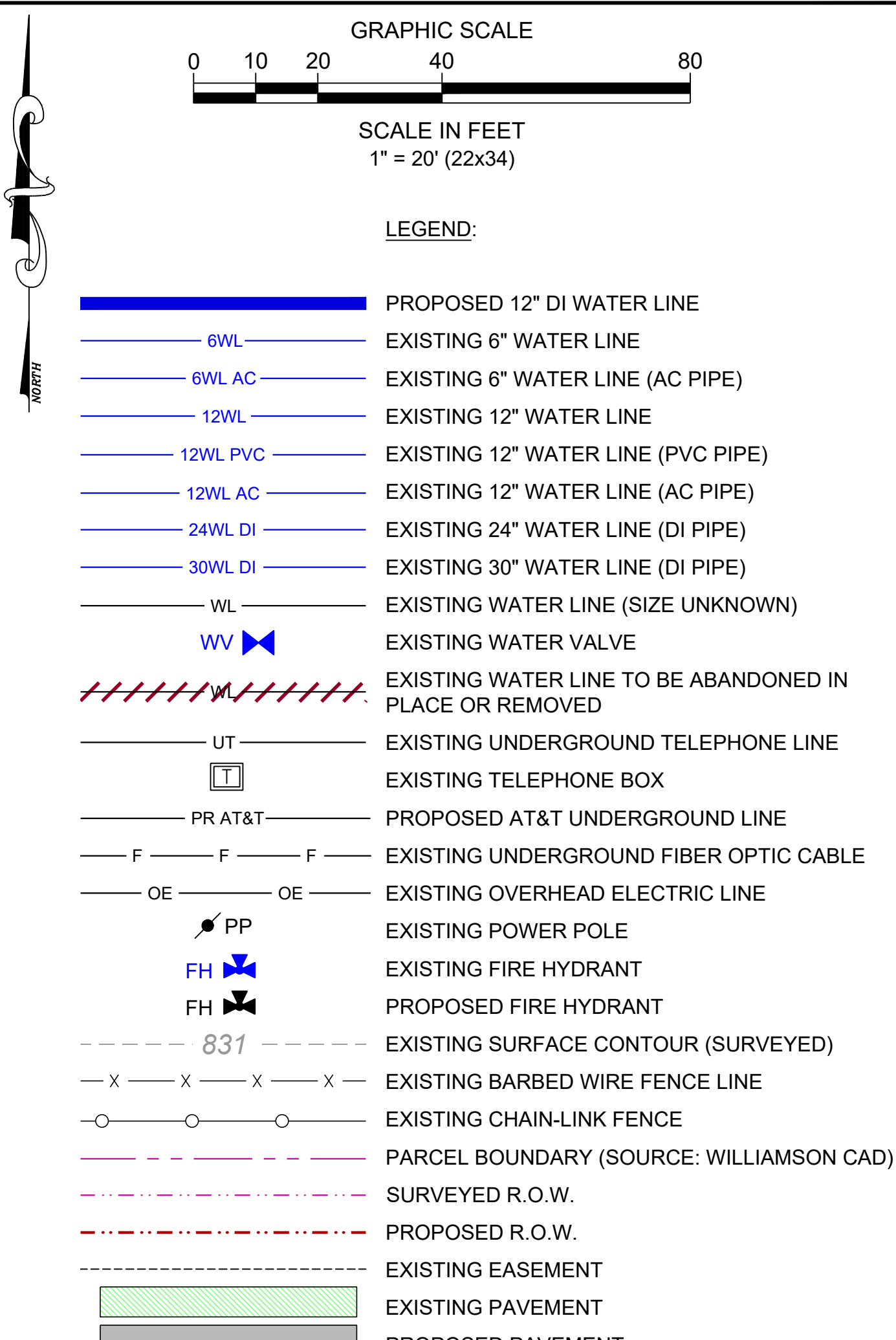
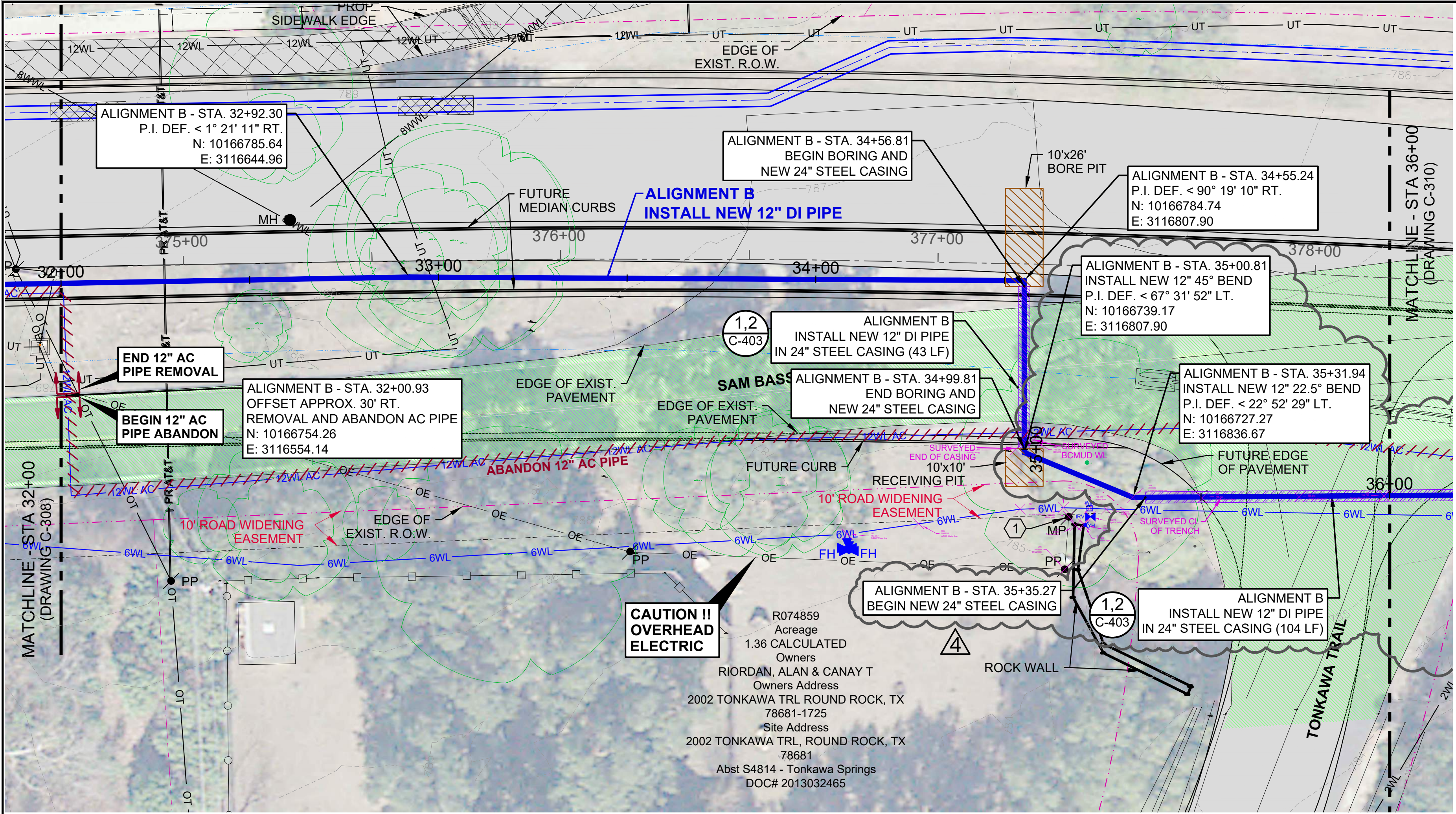


GENERAL NOTES:

- CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES BEFORE CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE WITH BCMUD FOR ACCESS TO WTP SITE (SEE SHEET G-002).
- CONTRACTOR SHALL MAINTAIN SECURE FENCING FOR WTP IN ACCORDANCE WITH TCEQ REQUIREMENTS AT ALL TIMES.
- CONTRACTOR SHALL RESTORE PAVEMENT FOR WTP WEST ENTRANCE IN ACCORDANCE WITH ROUND ROCK DETAIL WT-07 (DETAIL 3, C-403).
- ALL BENDS SHALL HAVE RESTRAINED JOINTS (DETAIL 2, C-403) AND THRUST BLOCKING (DETAIL 3, C-401).
- CONTRACTOR SHALL PROVIDE APPROPRIATE EROSION AND SEDIMENTATION CONTROLS CONSISTENT WITH STANDARD DETAILS PROVIDED ELSEWHERE IN THE DRAWINGS, AND SHALL SUBMIT A PLAN FOR SUCH CONTROLS ON THE BCMUD WTP SITE TO THE ENGINEER FOR APPROVAL.

BRUSHY CREEK MUD SAM BASS RD UTILITY RELOCATIONS ROUND ROCK, TEXAS		3 MODIFY 12" WL ALIGNMENT TEC 12/15/2023		2 INSTALL NEW SERVICE TAP, SERVICE TEC 8/4/2023		1 LINE AND METER BOX TEC 2/14/2023		ADD NOTE 6. EROSION CONTROL By Date	
Drawn By: RPS		Checked By: TEC		Scale: AS SHOWN		Date: JANUARY 2023		Copyright © 2023 MRB GROUP, P.C. All Rights Reserved	
THOMAS E. CAPONI 54723 LICENSED PROFESSIONAL ENGINEER STATE OF TEXAS		MRB Group, P.C. 8834 N. Capital of Texas Hwy, Suite 220, Austin, TX 78759 Phone: 512-436-8571 3003 W. Calhoun Ave. Temple, TX 76788 Phone: 254-771-2054 TBPELS Firm Number: 1-10615 www.mrbgroup.com		Sheet No. 15 of 34		Project No. 0226.21003		C-208	

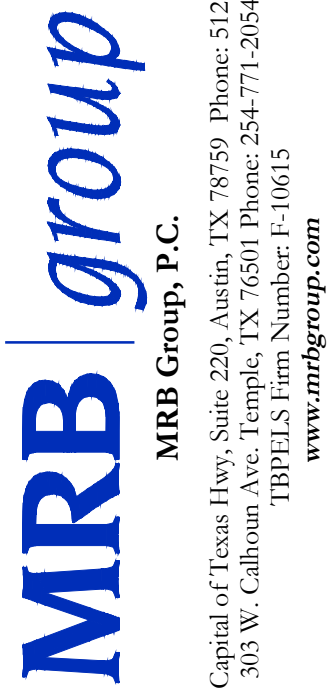
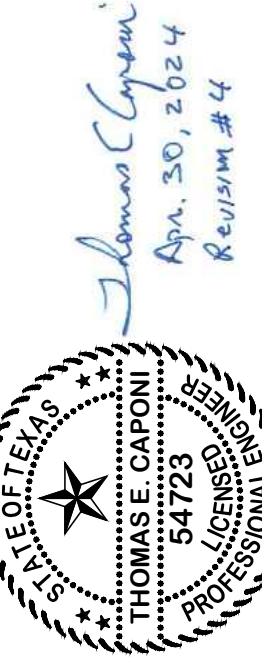
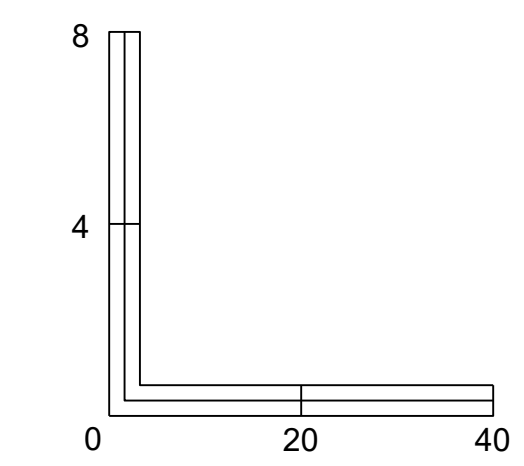


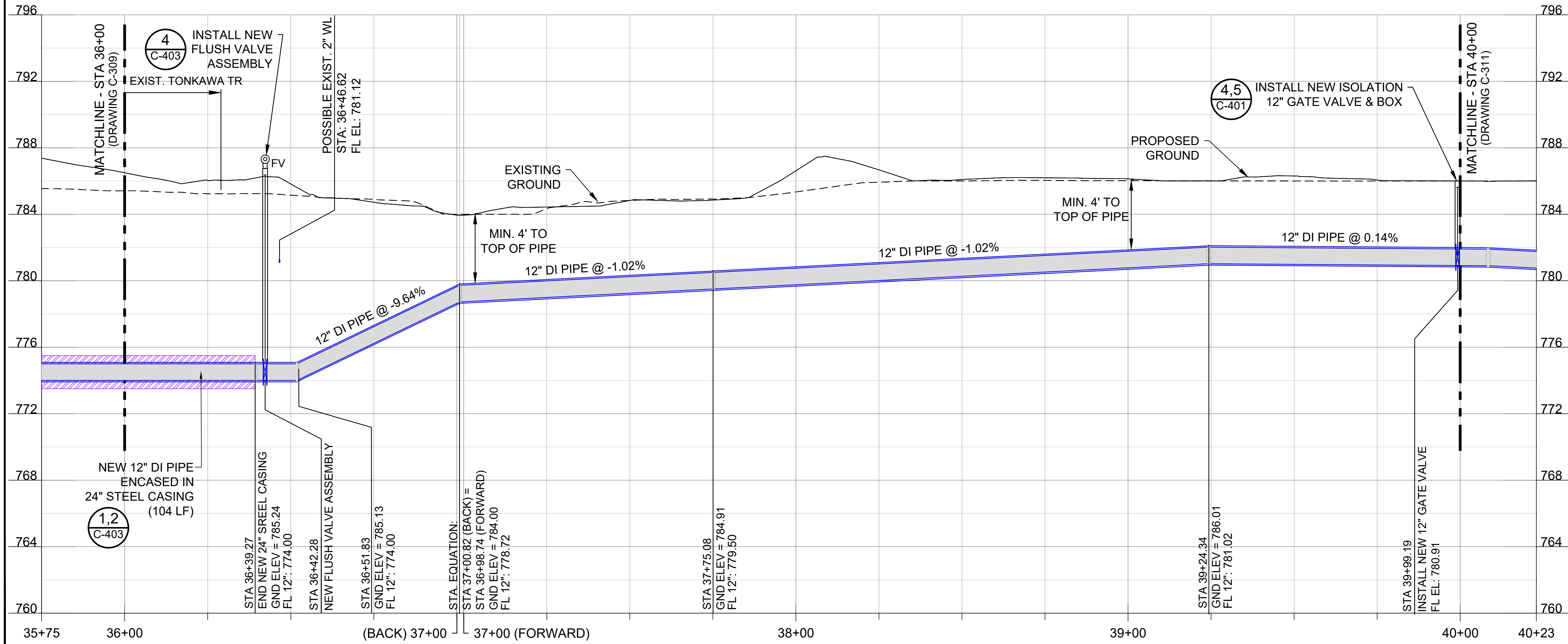
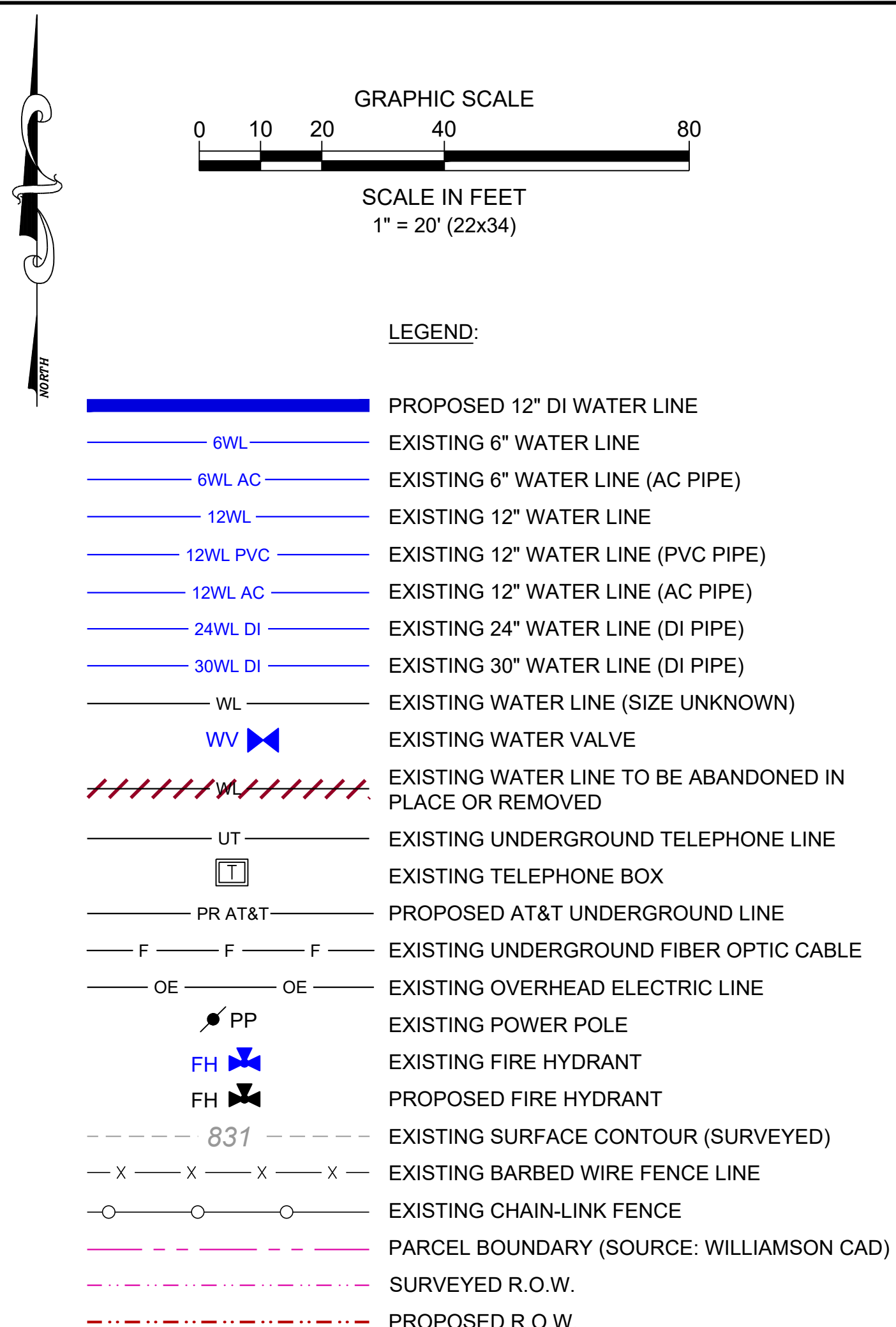
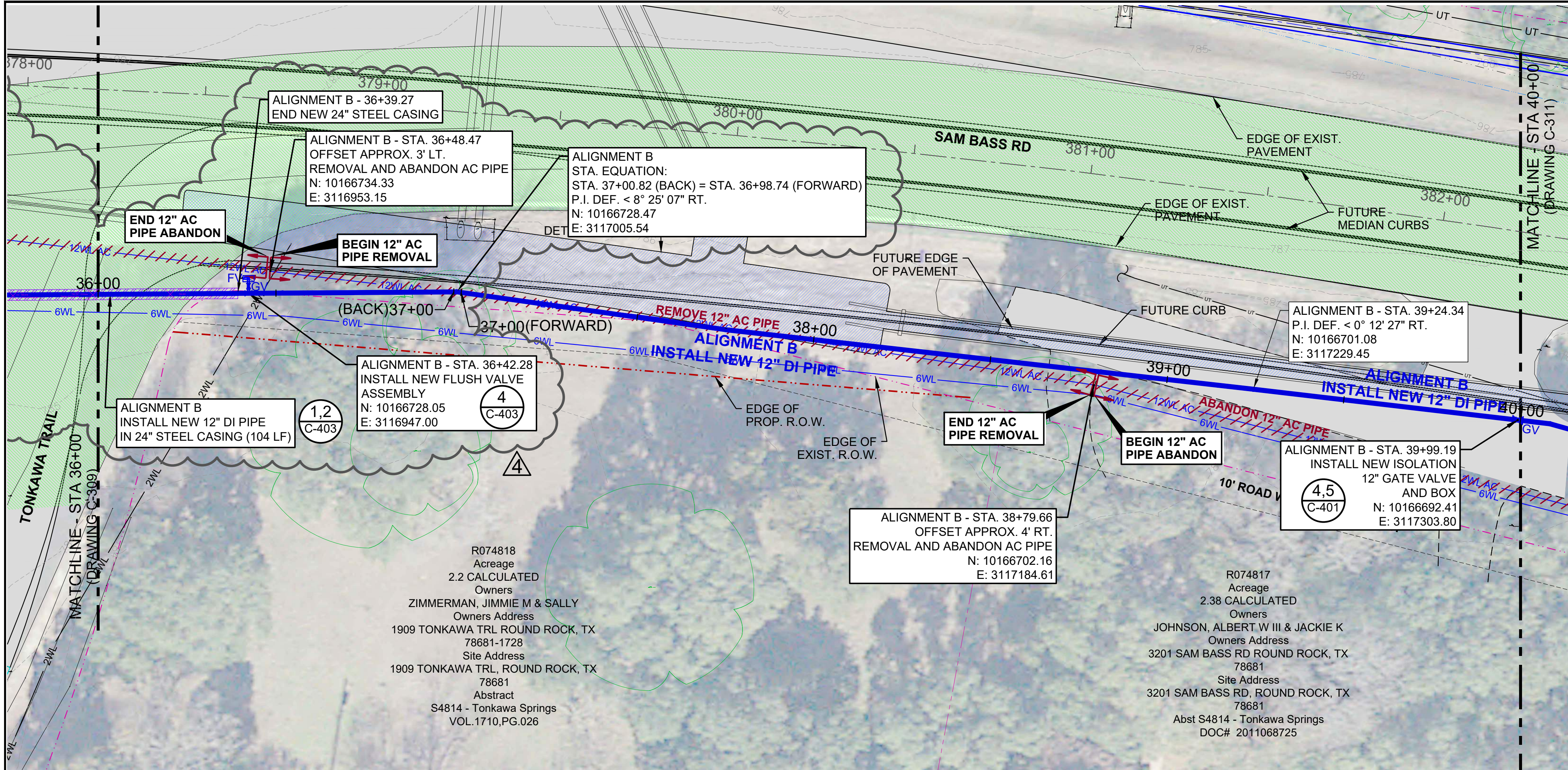


- GENERAL NOTES:
1. CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES BEFORE CONSTRUCTION.
 2. CONTRACTOR SHALL INSTALL A 6" Ø TEMPORARY BY-PASS WHERE THE EXISTING BCMUD 12" Ø WL MUST BE REMOVED FROM SERVICE. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK. CONTRACTOR SHALL MAINTAIN WATER SERVICE AT ALL TIMES EXCEPT AS REQUIRED FOR CONNECTIONS. PROVIDE BCMUD A MINIMUM OF TWO WEEKS ADVANCE NOTICE.
 3. ALL BENDS SHALL HAVE RESTRAINED JOINTS (DETAIL 2, C-403) AND THRUST BLOCKING (DETAIL 3, C-401).
 4. CARRIER PIPE SHALL HAVE RESTRAINED JOINTS THROUGH THE CASING PIPING AND 50 LF BEYOND END OF CASING.

KEY NOTE:

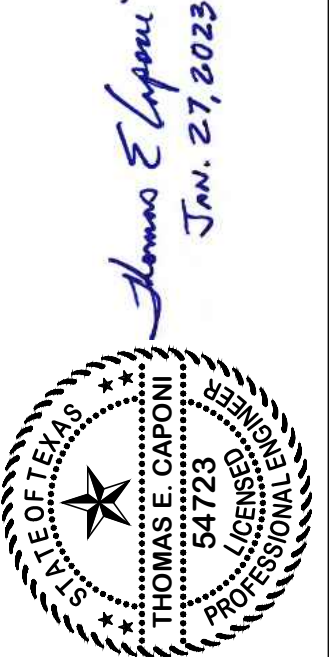
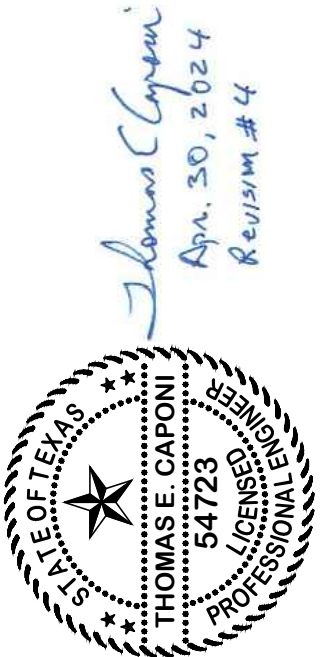
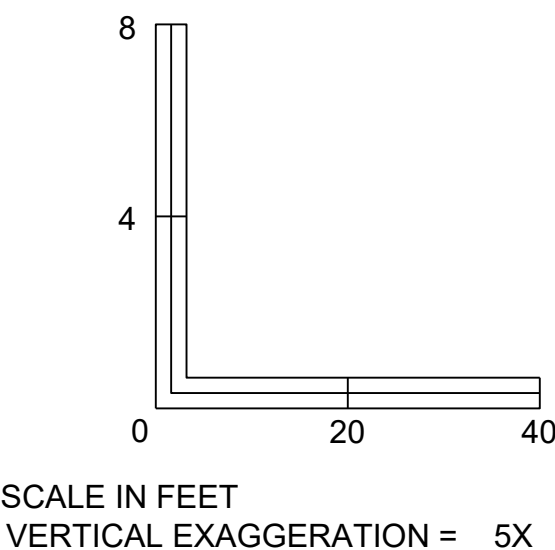
1 CONTRACTOR SHALL ARRANGE FOR SUPPORT OF METER POLE DURING CONSTRUCTION.





GENERAL NOTES:

- CONTRACTOR SHALL FIELD VERIFY ALL UTILITIES BEFORE CONSTRUCTION.
- CONTRACTOR SHALL INSTALL A 6" Ø TEMPORARY BY-PASS WHERE THE EXISTING BCMUD 12" Ø WL MUST BE REMOVED FROM SERVICE. THERE IS NO SEPARATE PAY ITEM FOR THIS WORK. CONTRACTOR SHALL MAINTAIN WATER SERVICE AT ALL TIMES EXCEPT AS REQUIRED FOR CONNECTIONS. PROVIDE BCMUD A MINIMUM OF TWO WEEKS ADVANCE NOTICE.
- ALL BENDS SHALL HAVE RESTRAINED JOINTS (DETAIL 2, C-403) AND THRUST BLOCKING (DETAIL 3, C-401).
- CARRIER PIPE SHALL HAVE RESTRAINED JOINTS THROUGH THE CASING PIPING AND 50 LF BEYOND END OF CASING.





NOTE:

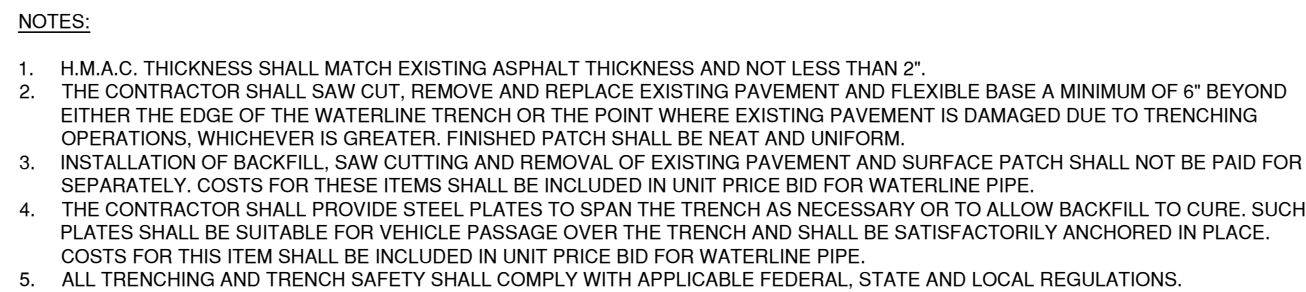
- RECOMMENDED RESTRAINED LENGTHS FOR STRAIGHT TEES ASSUME A MINIMUM 10' LENGTH OF PIPE ATTACHED TO EACH SIDE OF THE RUN.
- BR. ONLY INDICATES RESTRAINT AT TREE BRANCH ONLY.
- ALL BENDS (DEGREE CHANGES) ARE CALCULATED AS HORIZONTAL. DEAD-END SERVICE CONSTITUTES CAPS, PLUGS, VALVES AND HYDRANTS
- TABLE CALCULATIONS ARE BASED ON WORKING PRESSURE OF 150 psi. GRAVEL SOIL OF MEDIUM TO LOW PLASTICITY WITH LITTLE SAND AND CLAY, 4 FEET OF COVER, AND SAFETY FACTOR OF 1.5.

The diagram shows a bent pipe with four segments and three elbows. The horizontal segments have length L_{hs} , and the vertical segments have length L_{vs} . The elbows are labeled with 'L' and 'S' indicating length and slope.

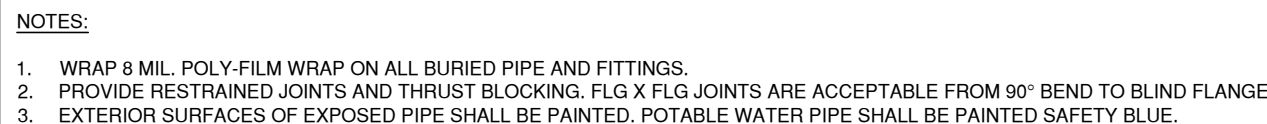
NOTE:

- ALL BENDS (DEGREE CHANGES) ARE CALCULATED AS VERTICAL. THE FIRST RESTRAINED LENGTH (FEET) IS FOR THE HIGH-SIDE BEND(S) AND THE SECOND RESTRAINED LENGTH (FEET) INDICATES THE LOW-SIDE BEND(S). THESE LENGTHS WERE CALCULATED USING A CONSISTENT 4 FOOT DEPTH OF COVER FOR THE WATERMAIN.

AL JOINT PIPE RESTRAINT TABLES



WATERLINE BEDDING AND SURFACE REPAIR DETAIL



FLUSH VALVE (DRAIN VALVE) DETAIL



6 WL ALIGNMENT A TIE-IN AT WEST WTP ENTRANCE DETAIL
6" PVC PIPE CONNECTION TO EXIST. 12" DI PIPE
NTS