



WATER AND SEWER
Engineering Design

DATE:
October 17, 2025

TO:
Plan Holders
Contractors

FROM:
Jenna Richardson
918-596-9637
jennarichardson@cityoftulsa.org

EMAIL TRANSMITTAL

ADDENDUM NO. 1

**PROJECT NO. TMUA-W 25-07 SPAVINAW STEM WALL
MAINTENANCE**

Number of pages: **9**

All addenda to the contract documents should be denoted on the
last page of the Proposal in the space provided.

Thank you,
Contract Administration



WATER AND SEWER
Engineering Design

DATE:

October 17, 2025

**ADDENDUM NO. 1
TO
PROJECT NO. TMUA-W 25-07 SPAVINAW STEM WALL MAINTENANCE**

This Addendum No. 1 consisting of (1) item, submitted by Keithline Engineering Group, PLLC is hereby made a part of the Contract Documents to the same extent as though it were originally included therein and shall supersede anything contained in the Plans and Specifications with which it might conflict. **All addenda to the contract documents should be denoted on the last page of the Proposal in the space provided.**

This Addendum No. 1 consists of the following:

1. The attached documents list the detailed items that have been modified in Addendum No. 1. These documents shall be inclusive and apply to this project.

All other provisions of the Plans and Specifications shall remain in full force and effect.

CITY OF TULSA

Eric Lee
Director

FOR

HAS/TGP/AL/JR/ma

1006 x 1000

TUL x USA



KEITHLINE ENGINEERING GROUP, PLLC

REG. PROFESSIONAL ENGINEERS, OKLAHOMA
Member of NSPE, ASCE, AWWA, ACI, OFMA, ASDSO, ACEC

8556 EAST 101ST STREET, SUITE C
TULSA, OKLAHOMA 74133
Main: 918.369.7911 / Fax: 364.3086 / C: 520.0069
Email: dan@KEngineering-US.com

TRANSMITTAL MEMORANDUM

To: All Plan Holders that Attended Pre-bid
From: Dan Keithline, PE SE
Keithline Engineering Group
Date: October 17 2025
Subject: **Addendum 1, dated October 17, 2025**
TMUA-W 25-07 – Spavinaw Stem Wall Maintenance

Transmitted herewith is the following item:

- Addendum 1, which contains miscellaneous modifications, deletions, additions and replacement plan sheets.

All Plan Holders (Contractors) please acknowledge receipt of Addendum 1 by signing and submitting with bid.

If you have any questions, please contact myself or Jim Umdenstock if I am not available.

Sincerely yours,
KEITHLINE ENGINEERING GROUP

Daniel A. Keithline, P.E. S.E.
Principal

DAK/ms

c: Cheryl Wilson, Water Department Manager
Sergio Valles, Water Department Project Manager
Jim Umdenstock, P.E.
KE file



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TMUA-W 25-07 SPAVINAW STEM WALL MAINTENANCE

CITY OF TULSA, OKLAHOMA WATER & SEWER DEPARTMENT



ADDENDUM 1, dated October 17, 2025

This Addendum 1, consisting of modifications hereby made part of the Contract Documents to the same extent as though they were originally included therein, and shall supersede anything contained in the Plans and Specifications with which they might conflict.

REPLACE SHEET 02 OF 15 WITH NEW SHEET WITH MODIFICATIONS LISTED BELOW:

- a. Add pay Item Note 4 – Not Used
- b. Pay Item Note 7(C) add “or in the lake” to end of the sentence.
- c. Pay Item Note 12 delete the letter E after “Owner Allowance”

REPLACE SHEET 05 OF 15 WITH MODIFICATIONS LISTED BELOW:

- d. Change Plan Note to read “BL Outer Face of Vinyl Sheet Pile”
- e. The decant line is shown on plan and elevations. Add note “Stop piling at elevation 679.5. Do not cut decant pipe.” Contractor to field verify all pipe elevations.

REPLACE SHEET 06 OF 15 WITH MODIFICATIONS LISTED BELOW:

- f. Add additional label of decant line in profile. Label “6” Decant Pipe - Do not cut”.

REPLACE SHEET 07 OF 15 WITH MODIFICATIONS LISTED BELOW:

- g. Add additional reference to Detail 2 – Replace (See Detail 1) with (See Detail 1 & 3) per City instructions.

REPLACE SHEET 14 OF 15 WITH MODIFICATIONS LISTED BELOW:

- h. Add additional note at decant line in cross sections, station 2+97. The notes read “Bottom of sheet pile to stop at El 679.50 which is 1-Ft above 6” Decant Pipe. Do not cut decant pipe”. Contractor to field verify all pipe elevations.

Bidders must acknowledge receipt of the Addendum by signing and submitting this document with the proposal submittal and by writing on the cover sheet of the proposal as follows:

“RECEIPT OF ADDENDUM NO. 1 IS HEREBY ACKNOWLEDGED”

Name and Title (Print)

PAY ITEM NOTES:

1. CONTRACTOR SHALL VERIFY EXISTING BURIED PIPING LOCATIONS.
2. CONTRACTOR SHALL INSURE ALL POLES WHICH ARE AFFECTED BY TRENCHING CONDITIONS ARE BRACED BY OWNERS. PAYMENT SHALL BE INCLUDED IN "RIGHT-OF-WAY CLEARING AND RESTORING". NO ADDITIONAL PAYMENT SHALL BE MADE.
3. CONTRACTOR SHALL REPAIR ANY IRRIGATION SYSTEMS, ROOF DRAINS, AND FENCING DAMAGED IN THE ZONE OF CONSTRUCTION DURING THE COURSE OF CONSTRUCTION TO SATISFACTION OF THE PROPERTY OWNER. PAYMENT SHALL BE INCLUDED IN RIGHT-OF-WAY CLEARING AND RESTORING. NO ADDITIONAL PAYMENT SHALL BE MADE.
- △ 4. NOT USED.
5. THE CONTRACTOR SHALL RESTORE ALL DISTURBED GRASS AREAS TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITION. THE CONTRACTOR SHALL REPLACE THE SOD TO MATCH IN-KIND AND QUALITY. ANY DISTURBANCE OUTSIDE OF GRADING SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. THIS PAY ITEM INCLUDES ALL MOWING WITHIN THE RIGHT-OF-WAY AS DIRECTED DURING CONSTRUCTION. NETTING SHALL BE REMOVED FROM SOD PRIOR TO PLACEMENT.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTROL AND MAINTENANCE OF THE STORM WATER DRAINAGE FROM THE CONSTRUCTION SITE. STORM WATER PONDING ON THE CONSTRUCTION SITE THAT IS THE RESULT OF CONSTRUCTION WILL NOT BE ALLOWED. ALL COST ASSOCIATED WITH STORM WATER MANAGEMENT, AS WELL AS REMOVAL OF ALL SILT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, STORM SEWER PIPES AND APPURTENANCES WITHIN THE PROJECT LIMITS AT END OF PROJECT, SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THIS ITEM.
7. EROSION PROTECTION SHALL BE PLACED AS FOLLOWS:
 - A) AROUND INLETS TO PREVENT INFLOW OF ERODED MATERIAL INTO STORM SEWER SYSTEM.
 - △ B) IN LOCATIONS THROUGHOUT PROJECT SITE, AS DETERMINED BY THE ENGINEER, TO PREVENT WASH OF ERODED MATERIAL ONTO ADJACENT PROPERTY OR IN THE LAKE.
 - C) FOR ENTIRE DURATION OF PROJECT, WITH MAINTENANCE AND REPLACEMENTS, AS DIRECTED BY THE ENGINEER.
 - D) WITH PERIODIC REMOVAL OF SEDIMENT IN ACCORDANCE WITH STORMWATER MANAGEMENT PLAN.

ALL COST FOR ITEMS A-D ABOVE SHALL BE INCLUDED IN UNIT PRICE BID FOR THIS ITEM.
8. ALL COSTS FOR REMOVING TREES, SHRUBS, STUMPS, POSTS, AND ALL OTHER DEBRIS AND/OR OBSTRUCTIONS NOT COVERED BY A SEPARATE PAY ITEM ARE INCLUDED IN THE PRICE BID.
9. THIS QUANTITY INCLUDES AN ADDITIONAL 15% ABOVE PLAN QUANTITY.
10. ESTIMATED QUANTITY IS BASED ON SODDING OF ALL DISTURBED AREAS WITHIN THE FINAL GRADING LIMITS AS INDICATED BY THE TOP-OF-CUT/TOE-OF-SLOPE LINE ON THE PLANS (EXCLUDING SURFACES OF STRUCTURES, FIXTURES AND APPURTENANCES). SOD SHALL BE OF LIKE-KIND TO EXISTING SOD. PRICE BID INCLUDES PLACEMENT AND COMPACTION OF SUITABLE BACKFILL. ANY EXISTING GRASSED AREAS BEYOND THE ABOVE STATED LIMITS THAT ARE DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS SHALL BE RE-SODDED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S SOLE EXPENSE.
11. WASTE MATERIAL TO BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE IN A MANNER APPROVED BY THE ENGINEER.
- △ 12. THE "OWNER ALLOWANCE CAN BE USED FOR VARIOUS WORK AND MISCELLANEOUS ITEMS NOT IDENTIFIED IN THE CONTRACT DOCUMENTS WITH THE FOLLOWING PROVISIONS:
 - A. THE ALLOWANCE SHALL BE USED FOR THE COST OF MATERIALS, LABOR, INSTALLATION, OVERHEAD, AND PROFIT FOR ADDITIONAL WORK AND MISCELLANEOUS ITEMS THAT ARE NOT IDENTIFIED IN THE CONSTRUCTION DOCUMENTS AND PLANS, AND NOT INCLUDED IN THE BID ITEMS OF THE CONTRACT. EXAMPLES INCLUDE, BUT ARE NOT LIMITED TO:
 - I. WATER SERVICE LINES OF UNKNOWN OR UNEXPECTED SIZE.
 - B. THE ALLOWANCE SHALL BE USED ONLY AT THE DISCRETION OF THE CITY. ANY ALLOWANCE BALANCE REMAINING AT THE COMPLETION OF THE PROJECT WILL BE CREDITED BACK TO THE CITY ON THE FINAL APPLICATION FOR PAYMENT SUBMITTED BY THE CONTRACTOR.
 - C. THE CONTRACTOR SHALL PROVIDE, TO THE CITY, A WRITTEN REQUEST FOR THE USE OF ANY ALLOWANCE, WITH A SCHEDULE OF VALUES, AND ALL ASSOCIATED BACKUP INFORMATION, INCLUDING ANY TIME EXTENSIONS REQUIRED TO PERFORM THE WORK.
 - D. THE CONTRACTOR SHALL PROCEED WITH THE WORK INCLUDED IN THE ALLOWANCE ONLY AFTER RECEIVING A WRITTEN ORDER FROM THE ENGINEER AND CITY AUTHORIZING SUCH WORK. PROCEEDING WITH WORK IN THE ALLOWANCE WITHOUT A WRITTEN ORDER FROM THE CITY WILL BE AT THE CONTRACTOR'S EXPENSE.
13. INCLUDES INSTALLING 6' HIGH CLASS B CHAIN-LINK FABRIC, NEW LINE POSTS, CORNER POSTS, NEW CLIMB BARRIER SYSTEM, BARBWIRE, AND MISCELLANEOUS COMPONENTS PER ODOT RWF3-3-2.
14. FOR MATERIAL/EQUIPMENT DELIVERIES AND WORK, A TRAFFIC & PEDESTRIAN CONTROL PLAN, SHALL BE DEVELOPED AND SUBMITTED FOR APPROVAL, FOR PARKING LOT AND WORK AREA.
15. THIS PAY ITEM INCLUDES REMOVAL OF ALL COMPONENTS OF EXISTING CHAINLINK FENCE, INCLUDING, THAT IS IDENTIFIED ON THE PLANS. ALL EXCESS WASTE MATERIAL TO BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR.
16. SHALL BE "DEWITT PRO-5 WEED BARRIER (5 OZ)", OR APPROVED EQUAL.
17. SHALL BE "PERMALOC CLEANLINE XL, BLACK ANODIZED", OR APPROVED EQUAL.
18. CONTRACTOR SHALL SUBMIT THREE SAMPLES OF CLEAN ROCK FOR CITY APPROVAL. THE SIZE SHALL BE 1/2" TO 3/4".
19. PRICE BID SHALL INCLUDE MAINTENANCE, SEDIMENT REMOVAL, DISPOSAL, AND REMOVAL OF FILTERS AT PROJECT COMPLETION.
20. CONTRACTOR SHALL REDLINE THE PLANS AND SUBMIT TO ENGINEER ON MODIFICATIONS TO PROPOSED WORK.
21. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). THIS ITEM SHALL BE PAID PER CALENDAR DAYS FOR ALL NECESSARY TRAFFIC CONTROL

PAY QUANTITIES						
BID ITEM NO.	ODOT SPEC NO.	COT SPEC NO.	DESCRIPTION	PAY NOTES	UNIT	QTY
1	202(E)2600	-	SELECT BORROW		9 CY	53
2	205(A)6200	-	TYPE A-SALVAGED TOPSOIL		CY	6
3	220 1100	SPECIAL	SWPPP DOCUMENTATION AND MANAGEMENT	6,7,19	LSUM	1
4	230(A)7200	-	SOLID SLAB SODDING	10	SY	214
5	601(A)1100	-	TYPE I PLAIN RIPRAP (SIZE=12")	9	TON	304
6	619(B)6352	-	REMOVAL OF FENCE	15	LF	245
7	624(E)3625	-	FENCE-STYLE CLF (6'HIGH, CLASS B)	13	LF	211
8	-	COT 102	PROJECT SIGN (CITY OF TULSA)		EA	1
9	-	COT 301	RIGHT OF WAY CLEARING AND RESTORING	1, 2, 3, 5, 8,11	SY	231
10	-	303	MOBILIZATION		EA	1
11	642	-	CONSTRUCTION STAKING		LSUM	1
12	-	SPECIAL	CONSTRUCTION TRAFFIC CONTROL	14,21	CD	90
13	-	334	CONSTRUCTION AS-BUILT	20	EA	1
14	-	SPEC 31 41 16	VINYL SHEET PILING		LF	182
15	-	SPEC 32 93 13	8" LANDSCAPING EDGING	17	LF	200
16	-	SPEC 32 91 19	HEAVY DUTY WEED BARRIER FABRIC	9, 16	SY	20
17	-	SPEC 32 05 16	LANDSCAPING CLEAN ROCK (1/2" TO 3/4")	9, 18	CY	2
18	-	SPECIAL	OWNERS ALLOWANCE	12	ALLOW	15,000

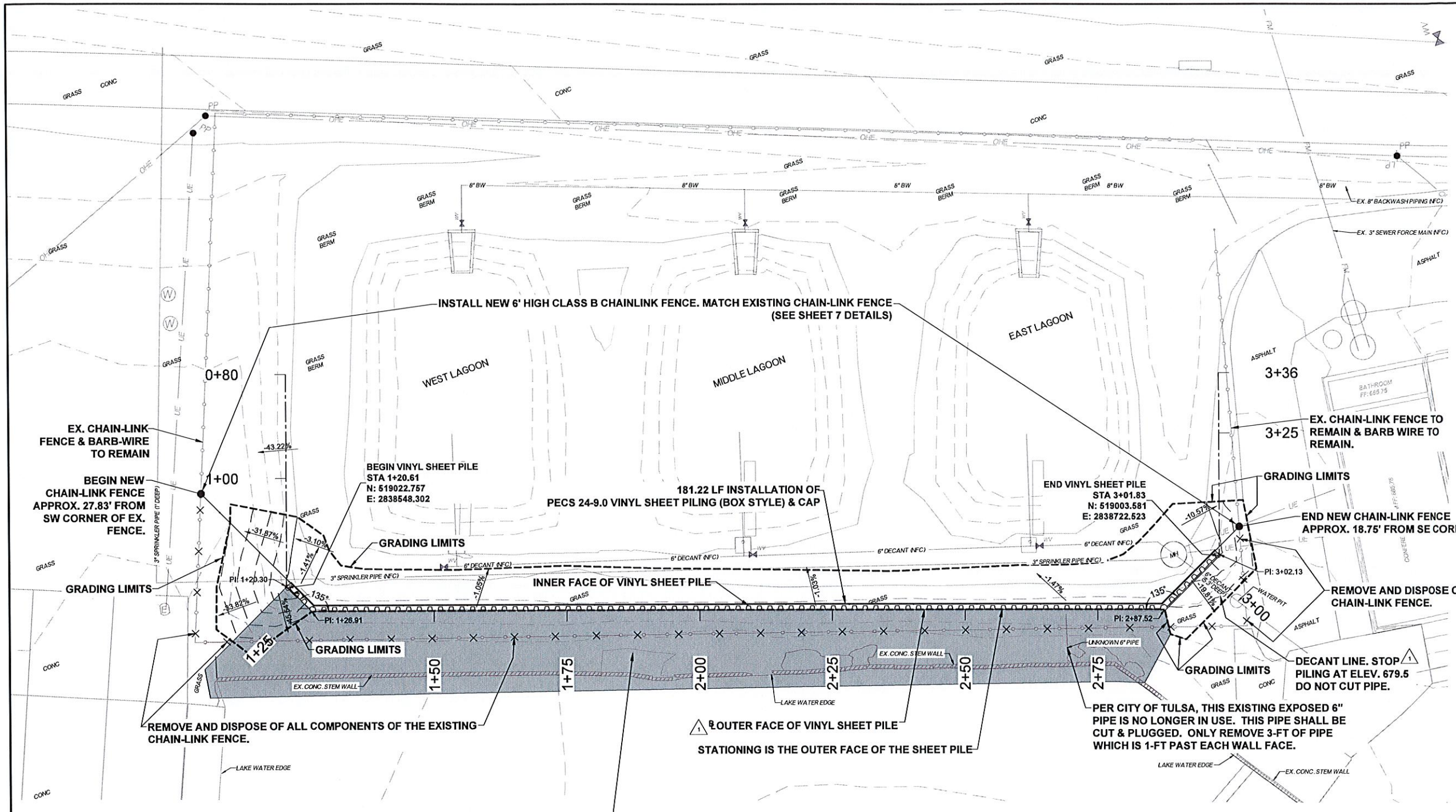
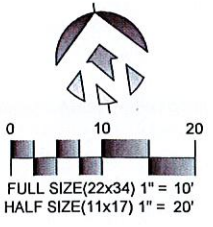


ALL SCALES SHOWN BELOW ARE FOR FULL-SIZE PLANS (34" X 22")

PAY ITEMS & NOTES	
TMUA-W-25-07	
SPAVINAW STEM WALL MAINTENANCE	
CITY OF TULSA, OKLAHOMA WATER & SEWER DEPARTMENT	
Plans and Estimates Prepared by: KEITHLINE ENGINEERING GROUP 8556 E. 101ST ST., STE C Tulsa, Oklahoma 74133 (918) 369-7911	

REVISION	BY	DATE	PLAN SCALE	DRAWN	ZLM	8-19-2025	APPROVED:
ADDENDUM 01	AK	10/25	--	DESIGNED	DAK	8-19-2025	DESIGNED MANAGER
			PROFILE SCALE	SURVEY	KE	4-30-2024	
			HORIZONTAL:	PROJECT MGR			
			VERTICAL:	LEAD ENGINEER			
				FIELD MGR			
			FILE:	DRAWING:			DATE: AUGUST 19, 2023
			ATLAS PAGE NO:	10628			SHEET 02 OF 15 SHEETS


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INSTALL 2' DEPTH OF 12" PLAIN RIPRAP ON TOP OF THE EXISTING SURFACE. RIPRAP TO EXTEND 3' PAST THE EXISTING STEM WALL AND 1' ABOVE THE EXISTING EXISTING STEM WALL. (SEE SHEET 7 DETAILS)

△ OUTER FACE OF VINYL SHEET PILE
STATIONING IS THE OUTER FACE OF THE SHEET PILE

PER CITY OF TULSA, THIS EXISTING EXPOSED 6" PIPE IS NO LONGER IN USE. THIS PIPE SHALL BE CUT & PLUGGED. ONLY REMOVE 3-FT OF PIPE WHICH IS 1-FT PAST EACH WALL FACE.

REVISION	BY	DATE	PLAN SCALE	DRAWN	ZLM	8-19-2025	APPROVED:
ADDENDUM 01	AK	10/25	1"=10'	DESIGNED	DAK	8-19-2025	 DESIGN MANAGER DATE: AUGUST 19, 2025
			PROFILE SCALE	SURVEY	KE	4-30-2024	
			HORIZONTAL:	PROJECT MGR			
			VERTICAL:	LEAD ENGINEER			
				FIELD MGR			
			FILE:	DRAWING:			
			ATLAS PAGE NO:	10628			SHEET 05 OF 15 SHEETS



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SITE PLAN

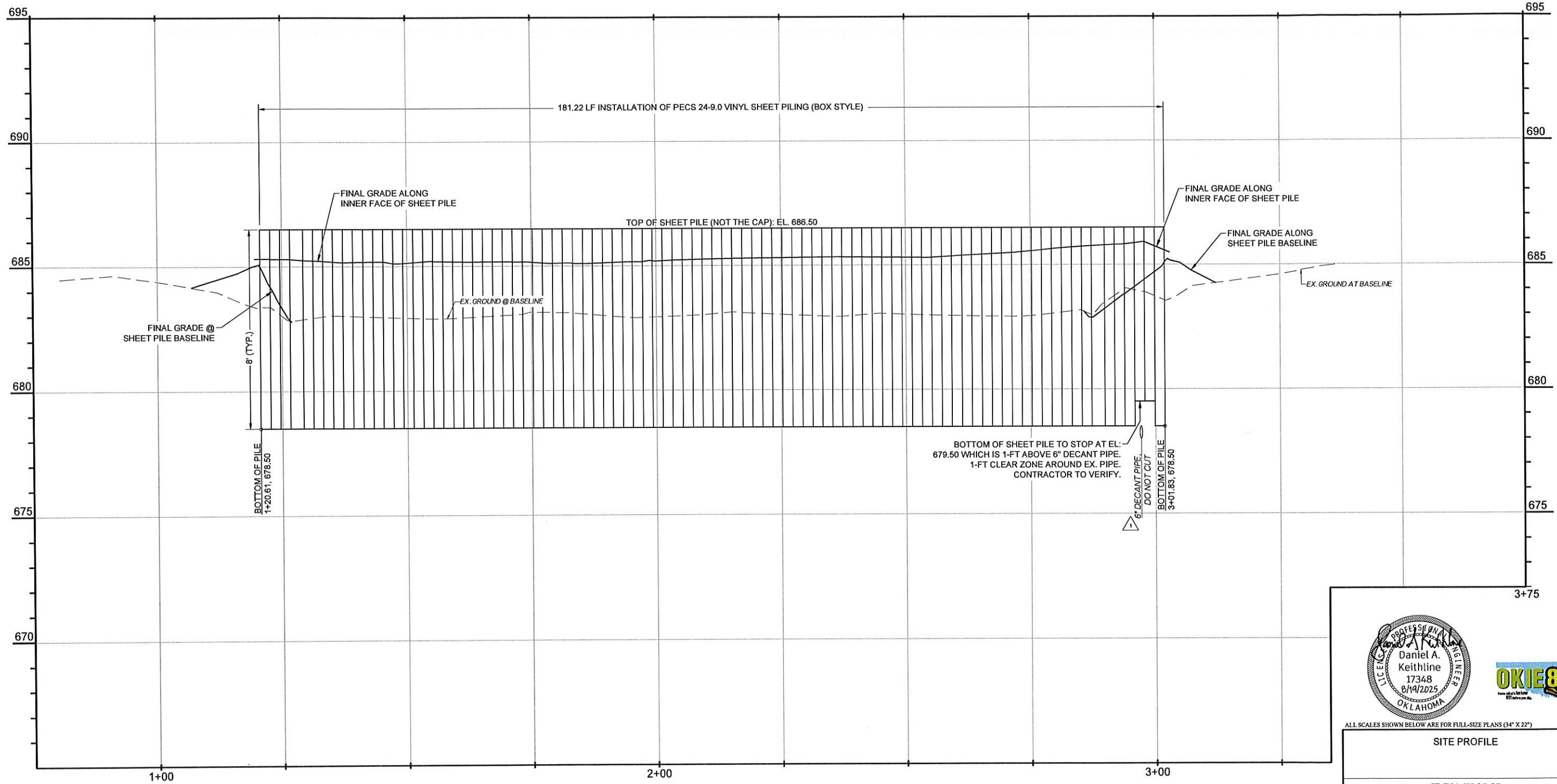
TMUA-W-25-07

SPAVINAW STEM WALL MAINTENANCE

CITY OF TULSA, OKLAHOMA
WATER & SEWER DEPARTMENT

Plans and Estimates Prepared by:
KEITHLINE ENGINEERING GROUP
8556 E. 101ST ST., STE C Tulsa, Oklahoma 74133 (918) 369-7911

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SITE PROFILE

TMUA-W-25-07

SPAVINAW STEM WALL
MAINTENANCE

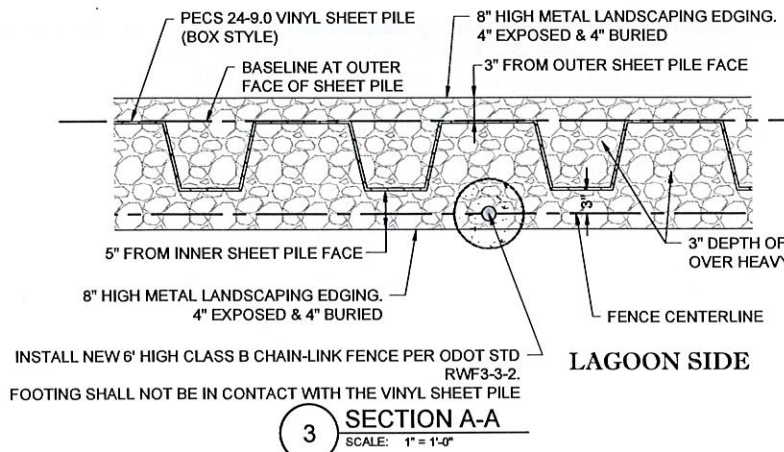
CITY OF TULSA, OKLAHOMA
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			FILE:	DRAWING:			DATE: AUGUST 19, 2025
			ATLAS PAGE NO. 10628				SHEET 06 OF 15 SHEETS

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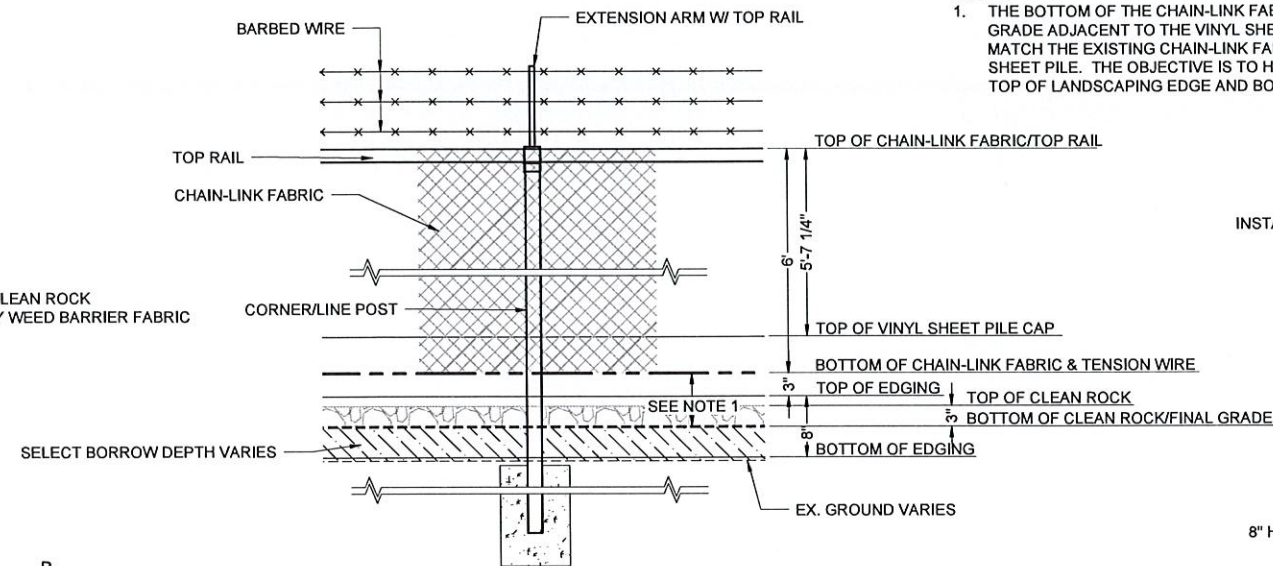
LAKE SIDE



3 SECTION A-A
SCALE: 1" = 1'-0"

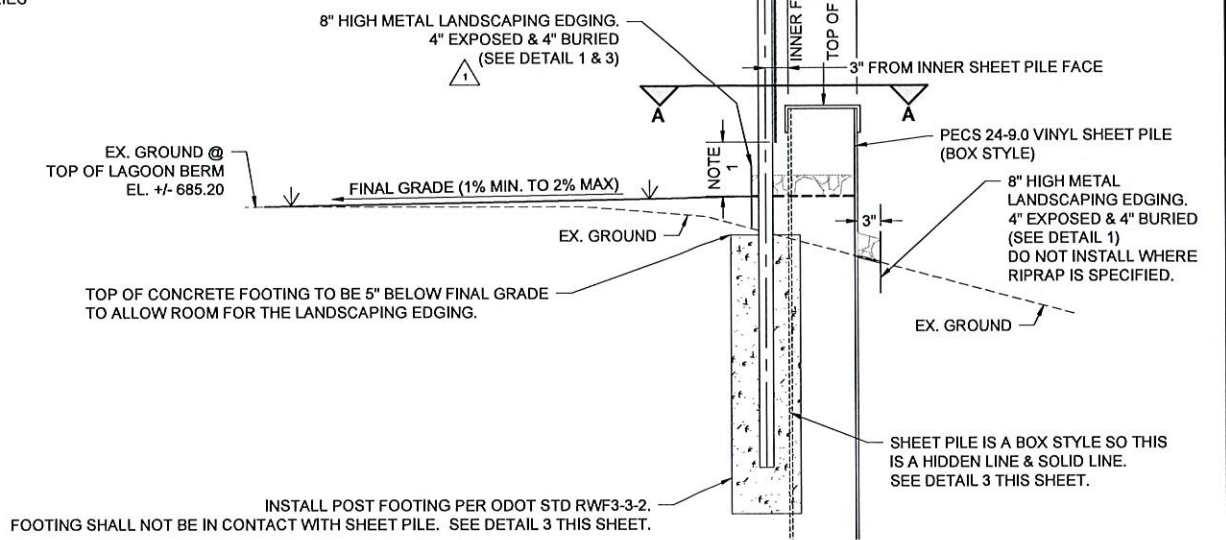
NOTES:

1. THE BOTTOM OF THE CHAIN-LINK FABRIC SHALL BE 7" ABOVE FINAL GRADE ADJACENT TO THE VINYL SHEET PILE THEN TRANSITION TO MATCH THE EXISTING CHAIN-LINK FABRIC LAYOUT AFTER THE VINYL SHEET PILE. THE OBJECTIVE IS TO HAVE A 3-INCH GAP BETWEEN THE TOP OF LANDSCAPING EDGE AND BOTTOM OF THE CHAIN-LINK FABRIC.



4 TYPICAL VERTICAL DIMENSIONS ALONG SHEET PILE
SCALE: NTS

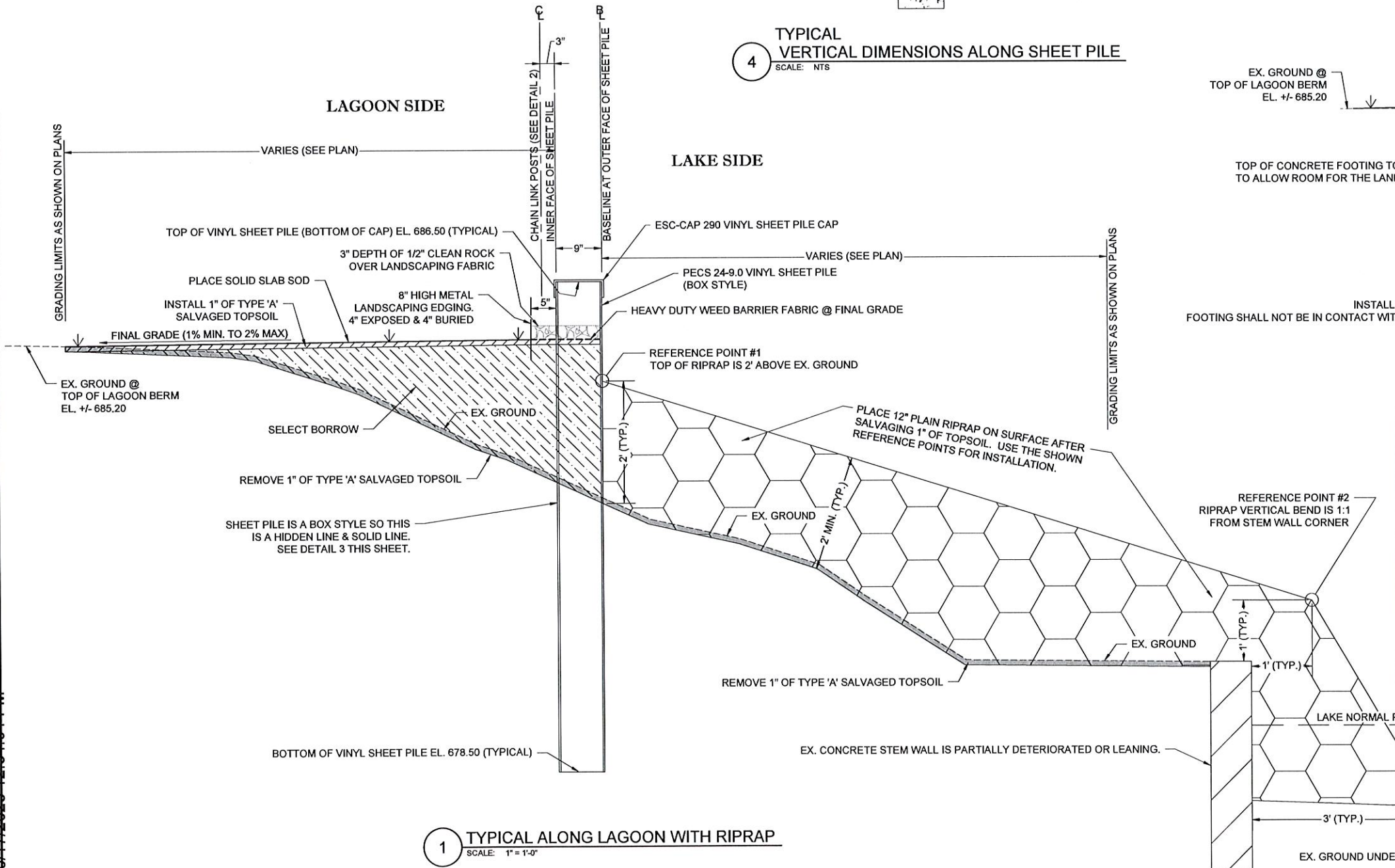
LAGOON SIDE



2 TYPICAL NEW CHAIN LINK POST AND NO RIPRAP
SCALE: 1" = 1'-0"

LAGOON SIDE

LAKE SIDE



1 TYPICAL ALONG LAGOON WITH RIPRAP
SCALE: 1" = 1'-0"

LEGEND (DETAILS 1, 2, & 3)

- 3" DEPTH OF 1/2" CLEAN ROCK OVER HEAVY DUTY WEED BARRIER FABRIC
- FENCE POST FOOTING PER ODOT RWF3-3-2
- SELECT BORROW
- REMOVE 1" OF TYPE 'A' SALVAGED TOPSOIL
- 1" OF TYPE 'A' SALVAGED TOPSOIL
- 12" PLAIN RIPRAP



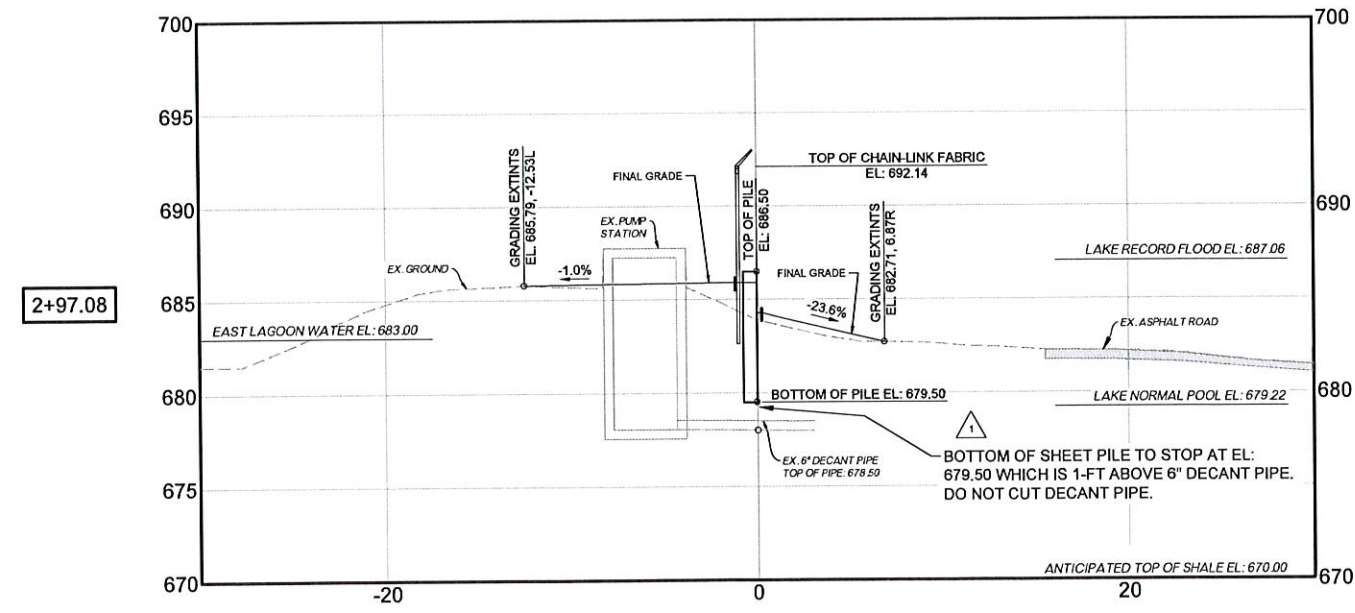
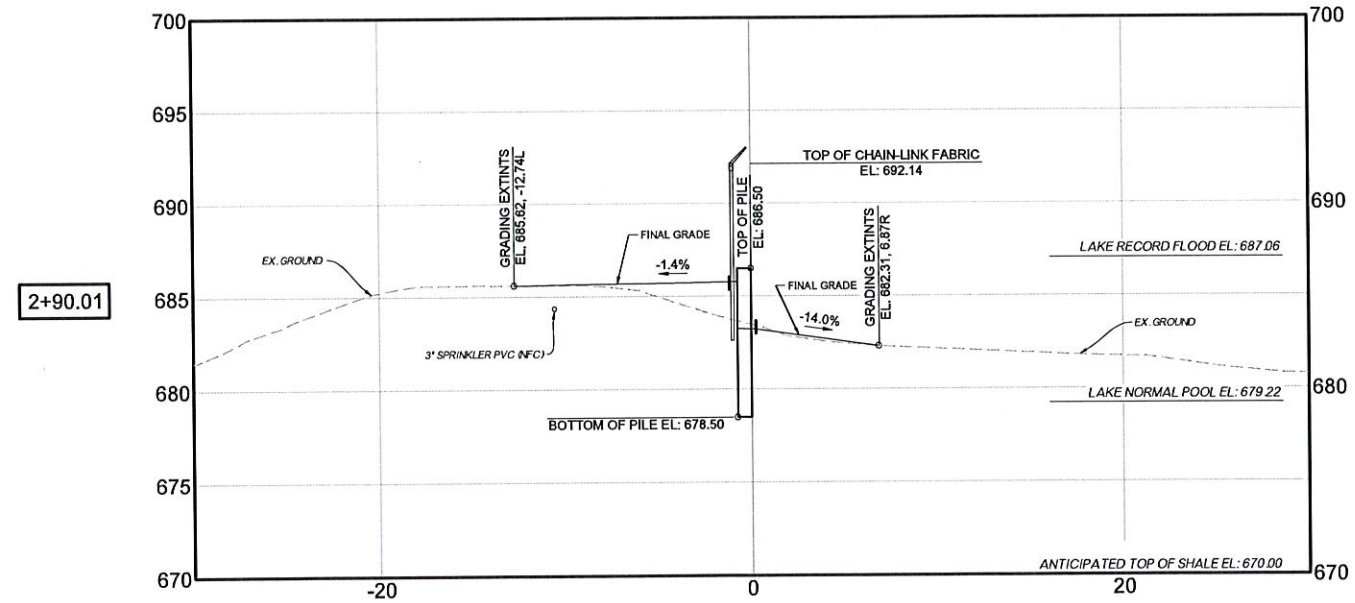
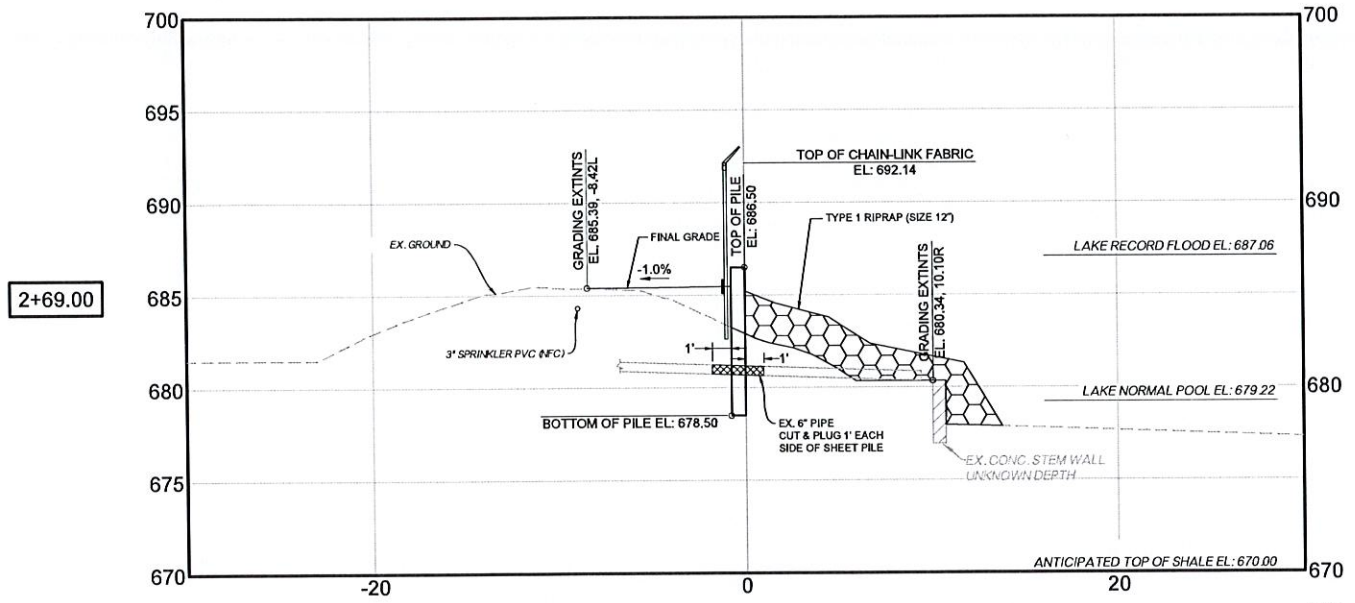
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DETAILS			
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			FILE:	DRAWING:			
			ATLAS PAGE NO:	10628			


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CROSS SECTIONS 2+75 TO 2+96.96	
TMUA-W-25-07	
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CITY OF TULSA, OKLAHOMA WATER & SEWER DEPARTMENT	
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