

## ADDENDUM NO. 1

TO:

ALL PLAN HOLDERS

RE:

Oak Street Sewer & WWTP Improvements - City of Keo, Arkansas

ADDENDUM DATE:

June 17, 2022

The Plans, Specifications and Contract Documents for the above referenced project are hereby modified as follows:

- 1. Bid Proposal: Remove and Replace Bid Proposal with attached.
- 2. Plan Set Remove and Replace Plan Set with attached.

ADDENDUM NO.1 ISSUED BY:

A.L. FRANKS ENGINEERING

Caleb Mudford, P.E.

**Project Manager** 

Secritoria de la constante de

6-17-22

# CTY OF KEO, ARKANSAS

#### OAK STREET SEWER AND WWTP IMPROVEMENTS

#### **BID PROPOSAL**

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	1	L.S.	Mobilization including preparatory work and operations, including but not limited to, movement of personnel, equipment, supplies, and incidentals to the project site for the lump sum price of the lu	\$	\$
2	1	L.S.	Videoing of existing abandoned sewer main, clearing of any obstructions encountered and locating existing service taps for the jump sum price of	\$	\$
			Dollars and Cents/L.S.		

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
3	1	L.S.	Removal and disposal of existing 2" bypass force main including the sealing of any connections to the bypass pump or manhole for the lump sum price of		\$
4	325	L.F.	Perform pipe bursting of 8" existing sewer w/8" solid wall HDPE including all fittings, connections, materials, labor, equipment, entry pits and all other items necessary forthe installation of sewer main by pipe bursting per the plans for the unit price of	S	\$
			Dollars and Cents/L.F.		

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
5	3	EA.	Provide and install sewer service connections including locating of connections and any necessary earthwork required, piping and fittings as described in the plans and specifications per each	\$	\$
6	1	L.S.	Provide and install asphalt streat ispair for any damages due to construction is cluding service connections and any entry pits required as described in the plans and specifications for the unit price of	\$	\$
			Dollars and Cents/L.S.		

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
7	1	L.S.	Provide and install traffic control for Oak Street and fall protection/warning signage for all excavated areas throughout construction for the lump sum price of	\$	\$
8	1	L.S.	Provide and install trench protection as equired in accordance with the plans and specifications for the lump sum price of	\$	\$
			Dollars and Cents/L.S.		

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
9	1	L.S.	Provide and install drop manhole connection as required in accordance with the plans and specifications for the lump sum price of	\$	\$
10	1	L.S.	Install & maintain erosion control measures as shown on the Oak Street erosion control pian including silt fencing, seeding, and other coursels as necessary to limit erosion throughout the project and establish a minimum of 70% permanent vegetation for the lumpsum price of	\$	\$
			Dollars and Cents/L.S.		

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
11	0.03	AC	Provide and install hydroseeding at all disturbed areas within the Oak Street project area as necessary to establish permanent vegetation in accordance with ARDOT seeding and fertilizer requirements for site soil type and season for the unit price of	\$	\$
12	210	L.F.	Provide and install leves repair including materials, fabric, rock, dewatering, labor, select fill and all other incidental items required for the unit price of	\$	\$
			Dollars and Cents/L.F.		

ITEM	QTY	UNIT	DESCRIPTION	UNIT PRICE	TOTAL PRICE
13	1542	S.Y.	Provide and install SB-2 gravel access road including subgrade preparation, minor grading and all other incidental items required for the unit price of	\$	\$
14	1	L.S.	Install & maintain erosion control measures as shown on the WWTP erosion control plan including silt fencing, rock berm, seeding, and other controls as necessary to limit erosion throughout the project and establish a minimum of 70% permanent vegetation for the lump sum price of	\$	\$
			Dollars and Cents/L.S.		
			SCHEDULE B: TOTAL OF ITEMS 1-14	\$	

NOTES: Contractor shall submit bids and hold price for a period of no more than 60 days from the bid opening. All work shall be done in accordance with ADEQ and ADH requirements and permits as provided in the specifications.

Items that are subsidiary to performing the work shall include all labor, equipment, and materials shall be supplied by the contractor. Existing utilities and improvements shall be protected during construction and contractor shall coordinate with City of Magnolia Utility Department for connections to existing sewer main. Protection measures shall be approved by the engineer prior to construction.

Haul routes approved designated by the city shall be restored to original conditions on completion of the work. This area is not included in seeding / revegetation and shall be considered subsidiary to be work.

\*\*Sam.gov Unique Entity Identifier Number MUST be listed here: **BID PROPOSAL DEDUCTIVE A** DESCRIPTION ITEM UNIT **TOTAL** QTY UNIT **PRICE PRICE** 210 Item #12: Deduct Provide and L.F e repair Including materials, fabric, pool, dewatering, labor, select fill and all other mode at thems required for the unit price of Dollars and Cents/L.F. TOTAL DEDUCTIVE ALERNATE #1 TOTAL BASE BID LESS DEDUCTIVE ALERNATE #1

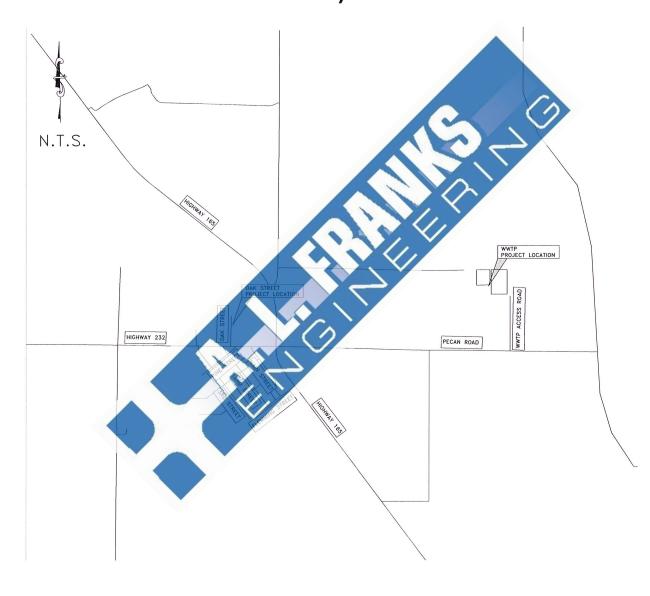
P-9

ITEM	QTY	UNIT	DEDUCTIVE ALERNATE #2 DESCRIPTION	UNIT PRICE	TOTAL PRICE
1	1542	S.Y.	Item #13: Deduct Provide and install SB-2 gravel access road including subgrade preparation, minor grading and all other incidental items required for the unit price of	\$	\$
2	1	L.S.	Item #14: Deduct Install & maintain erosion control measures as shown on the WWTP erosion control plan including silt fencing, rock berm, seeding, and other controls as necessary to limit erosion throughout the project and establish a minimum of 70% permanent vegetation for the lump sum price of	\$	\$
			Dollars and Cents/L.S		
			TOTAL DEDUCTIVE ALERNATE #2	\$	
		ТО	TAL BASE BID LESS DEDUCTIVE ALERNATE #1 AND #2 P-10	\$	

# CITY OF KEO OAK STREET SEWER & WWTP IMPROVEMENTS KEO, AR

#### INDEX TO SHEETS

DESCRIPTION	SHEET	NO.
COVER		1
OAK EXISTING CONDITIONS		2
OAK STREET SITE/UTILITY PLAN		3
OAK STREET EROSION & SEDIMENT CONTROL	PLAN	4
WWTP EXISTING CONDITIONS		5
WWTP SITE PLAN		6
WWTP EROSION & SEDIMENT CONTROL PLAN		7
TYPICAL DETAILS		8





BEFORE CONSTRUCTION BEGINS GIVE 48 HOURS NOTICE FOR UNDERGROUND UTILITY LOCATIONS CALL: THE ARKANSAS ONE-CALL SYSTEM 1-800-482-89-98



118 E. Broad Street Texarkana, Arkansas 71854 Phone (870) 216—1906 Fax (870) 216—1907

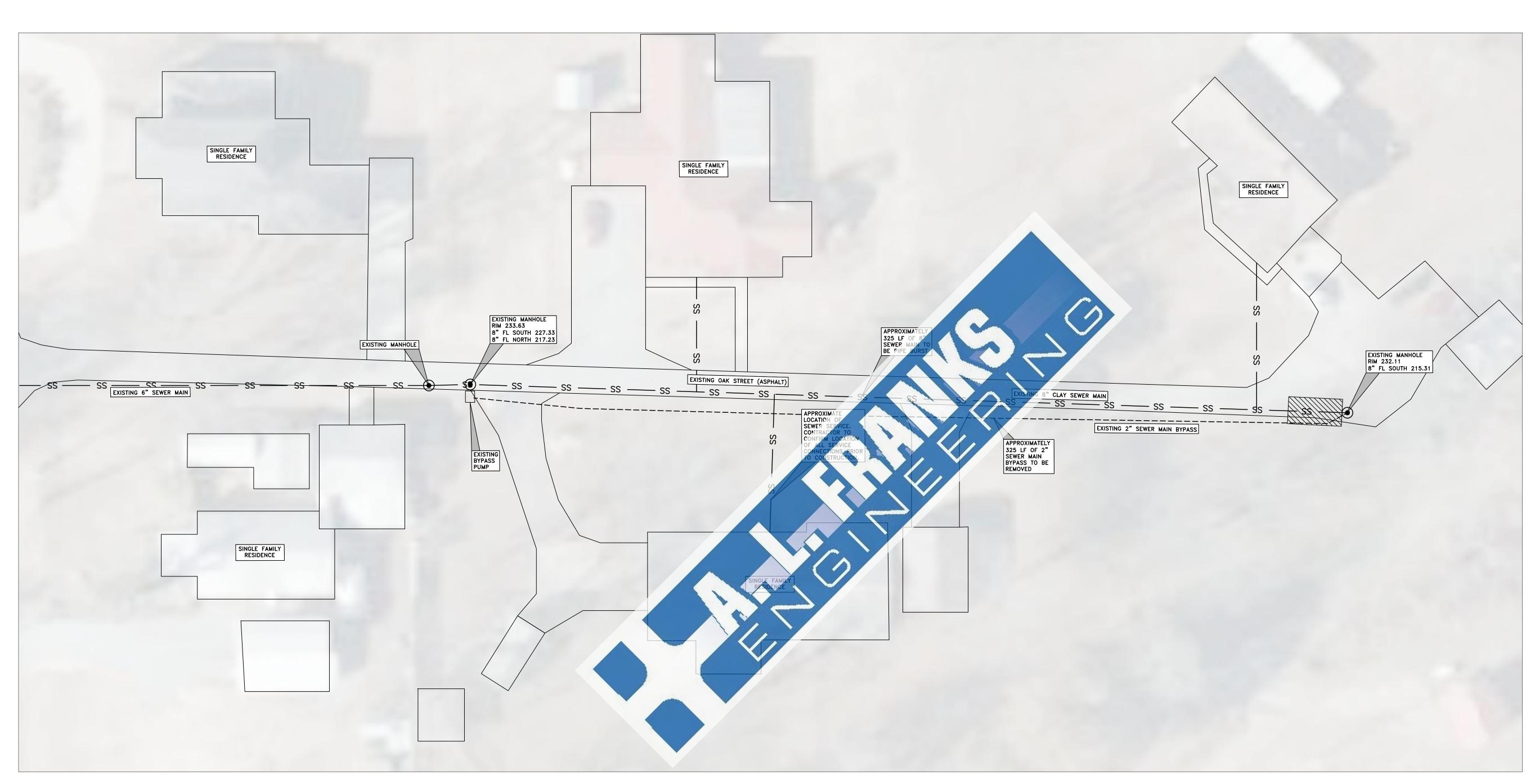




CALEB J. MXDFORD, P.E. PROJECT ENGINEER DATE

JASON C. HALEY, P. PROJECT REVIEWER DATE

CLIENT CITY OF KEO, AR





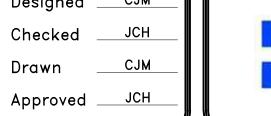
	LEGEND
SR-O	SIGNAL POLE
₽₽Ø	POWER POLE
LP <sub>C</sub>	LIGHT POLE
UR□	UTILITY RISER/TRANSFORMER
0	EX. WATER METER
WM	PROP. WATER METER
w∨	EX. WATER VALVE
FH #	EX. FIRE HYDRANT
co	EX. SANITARY SEWER CLEANOUT
۱	EX. SANITARY SEWER MANHOLE
STMH S	STORM DRAIN MANHOLE
•	GAS METER
GV⊗	GAS VALVE
TELE .	TELEPHONE BOX
	SIGN
——xxx——	EXISTING CONTOURS
—XXX	PROPOSED CONTOURS
— ss —	SANITARY SEWER
	SANITARY SEWER BYPASS
—sr——	SILT FENCE
	BUILDING LINE
—- ОНЕ	O.H. POWER LINE
	TOP OF BANK
	TOE OF SLOPE
	EDGE OF PAVEMENT

EXISTING CONDITIONS NOTES

EXISTING CONDITIONS ARE BASED UPON A TOPOGRAPHIC SURVEY PERFORMED
BY A.L. FRANKS ENGINEERING ON SEPTEMBER 5, 2021. CONTRACTOR SHALL NOTIFY
THE ENGINEER OF ANY INCONSISTENCIES BETWEEN SITE CONDITIONS AND
PLANS. NO SITE IMPROVEMENTS ARE SHOWN BEYOND THE SURVEY DATE. UNDERGROUND UTILITIES SHOWN ARE BASED UPON EXISTING DRAWINGS PROVIDED BY THIRD PARTY SOURCES AND FIELD OBSERVED MARKERS OR MANHOLES. THE SIZE, TYPE, MATERIAL AND PRESSURES OF ALL UNDERGROUND UTILITIES IN THE AREA ARE UNKNOWN AND UTILITY LOCATIONS SHOWN MAY DIFFER FROM THE EXACT LOCATION IN THE FIELD AND SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. UNDERGROUND UTILITIES WERE NOT PHYSICALLY LOCATED, BUT ARE SHOWN USING THE BEST AVAILABLE INFORMATION. CONTRACTOR SHOULD CALL ARKANSAS ONE CALL AT 811 BEFORE ANY EXCAVATION COMMENCES.

EXISTING SITE FEATURES ARE TO REMAIN UNLESS NOTED OTHERWISE.

4/29/22	1-CORRECTED SEWER SIZE	СЈМ
· ·		
Date	Revision	l Bv



Designed

Checked

Drawn



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OAK STREET SEWER & WWTP IMPROVEMENTS CITY OF KEO LONOKE COUNTY, ARKANSAS

OAK STREET EXISTING CONDITIONS



Job No.: ID Scale: 1"=20' Date: 4/2022





SR-O	SIGNAL POLE
PPØ	POWER POLE
LP <sub>C</sub>	LIGHT POLE
UR□	UTILITY RISER/TRANSFORMER
00	EX. WATER METER
WM	PROP. WATER METER
₩V	EX. WATER VALVE
FH 🛊	EX. FIRE HYDRANT
co	EX. SANITARY SEWER CLEANOUT
<b>©</b>	EX. SANITARY SEWER MANHOLE
STMH S	STORM DRAIN MANHOLE
<b>©</b>	GAS METER
c∨⊗	GAS VALVE
TELE .	TELEPHONE BOX
	SIGN
xxx	- EXISTING CONTOURS
<u>—</u>	- PROPOSED CONTOURS
— ss —	- SANITARY SEWER
	- SANITARY SEWER BYPASS
— SF ——	- SILT FENCE
	- BUILDING LINE
— ОНЕ—	O.H. POWER LINE
	TOP OF BANK
	- TOE OF SLOPE
	- EDGE OF PAVEMENT

SEQUENCE OF WORK
THE SEQUENCE OF WORK SHALL GENERALLY FOLLOW AS OUTLINED BELOW.

- 1. INSTALL BMPS AS NECESSARY AND AS SHOWN ON EROSION AND SEDIMENT CONTROL PLAN
- 2. INSTALL TRAFFIC CONTROL FOR OAK STREET 3. VIDEO EXISTING PIPE CHECKING FOR BLOCKAGES
  AND SAGS AS INDICATED IN SPECIFICATIONS
- 4. CORRECT ANY BLOCKAGES AND REPORT ANY ISSUES DISCOVERED BACK TO ENGINEER 5. INSTALL ENTRY AND RECEIVING PITS AS
- NECESSARY FOLLOWING ALL APPLICABLE TRENCH SAFETY PROTOCOLS 6. PIPE BURST EXISTING MAIN WHILE MAINTAINING
- BYPASS PUMPING 7. CONNECT TO EXISTING MANHOLES AND CONNECT
- EXISTING SERVICES TO SEWER MAIN

  8. VIDEO INSPECT INSTALLED MAIN AND PERFORM
- ALL REQUIRED TESTING 9. BACKFILL ALL PITS AND PERFORM MINOR GRADING

ALL APPLICABLE STATE REQUIREMENTS

IN ALL DISTURBED AREAS AND REVEGETATE 10. PERFORM ANY SITE CLEANUP NECESSARY TO RETURN PROJECT TO EXISTING CONDITIONS AND DISPOSE OF EXISTING BYPASS LINE FOLLOWING

UTILITY NOTES UNDERGROUND UTILITIES SHOWN ARE BASED UPON FIELD OBSERVATIONS, GIS SOURCES AND OTHER THIRD PARTY SOURCES. THE SIZE, TYPE, MATERIAL AND PRESSURES OF ALL UNDERGROUND UTILITIES IN THE AREA ARE UNKNOWN AND UTILITY LOCATIONS SHOWN MAY DIFFER FROM THE EXACT LOCATION IN THE FIELD AND SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. UNDERGROUND UTILITIES WERE NOT PHYSICALLY LOCATED, BUT ARE SHOWN USING THE BEST AVAILABLE INFORMATION. CONTRACTOR SHALL CALL ARKANSAS ONE CALL AT 811 BEFORE ANY EXCAVATION COMMENCES.

CONTRACTOR SHALL FIELD VERIFY LOCATION OF ALL UTILITIES BEFORE PERFORMING ANY GRADING ACTIVITIES AND NOTIFY THE ENGINEER OF ANY CONFLICTS.

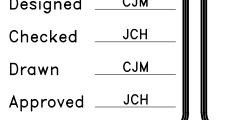
CONTRACTOR IS RESPONSIBLE FOR TRENCH SAFETY DURING CONSTRUCTION.

ALL UTILITY MATERIALS AND METHODS SHALL MEET OR EXCEED THE CITY OF KEO REQUIREMENTS AND ALL APPLICABLE STATE AGENCY REQUIREMENTS.

IN THE EVENT THAT A SEPTIC TANK OR FIELD LINES ARE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY.

CONTRACTOR TO FIELD VERIFY SEWER SERVICE CONNECTION LOCATIONS PRIOR TO CONSTRUCTION. SEWER SERVICE SHALL BE MAINTAINED AT ALL TIMES UNLESS GIVEN PRIOR APPROVAL FROM CITY OF KEO.

	1-SEQUENCE OF WORK ADDED	CJM	
5/10/22	2-EXISTING MANHOLE TO HAVE DROP	СЈМ	İ
Date	Revision	Ву	



DROP CONNECTION OF EXISTING SEWER MAIN TO BE ADDED PER ADH COMMENT LETTER DATED 5-9-22

Designed

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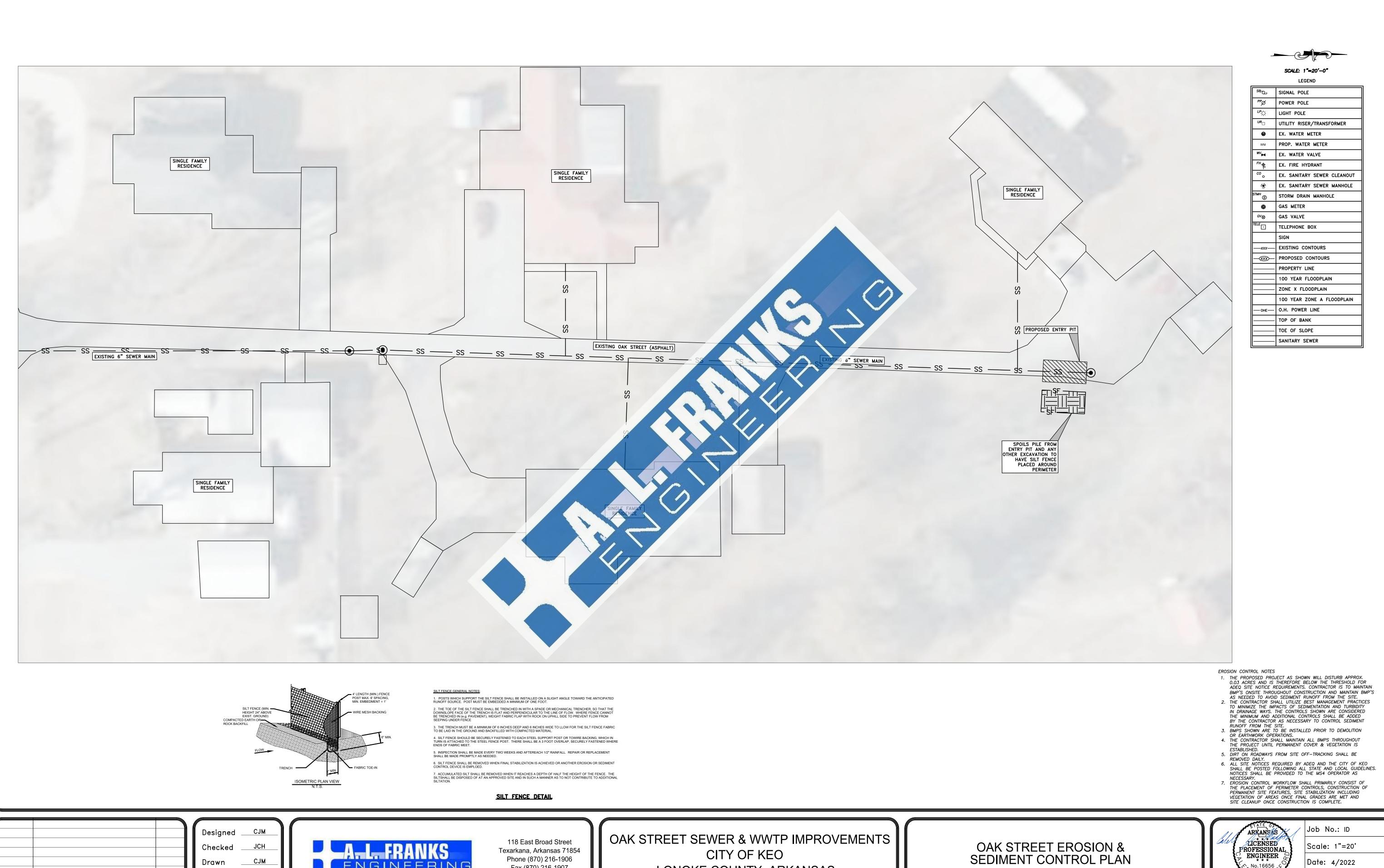
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OAK STREET SEWER & WWTP IMPROVEMENTS CITY OF KEO LONOKE COUNTY, ARKANSAS

OAK STREET SITE/UTILITY PLAN



Job No.: ID
Scale: 1"=20'
Date: 5/2022



CITY OF KEO

LONOKE COUNTY, ARKANSAS

Phone (870) 216-1906

Fax (870) 216-1907

Drawn

Revision

Approved <u>JCH</u>

LICENSED PROFESSIONAL ENGINEER

Scale: 1"=20' Date: 4/2022





	SCALE: 1"=20'-0"
	LEGEND
SR-O	SIGNAL POLE
₽₽Ø	POWER POLE
LP <sub>C</sub>	LIGHT POLE
UR□	UTILITY RISER/TRANSFORMER
•	EX. WATER METER
WM	PROP. WATER METER
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FH 💠	EX. FIRE HYDRANT
co	EX. SANITARY SEWER CLEANOUT
<b>©</b>	EX. SANITARY SEWER MANHOLE
sтмн ⑤	STORM DRAIN MANHOLE
<b>©</b>	GAS METER
cv⊗	GAS VALVE
TELE .	TELEPHONE BOX
	SIGN
xxx	EXISTING CONTOURS
—XXX—	PROPOSED CONTOURS
	PROPERTY LINE
	100 YEAR FLOODPLAIN
	ZONE X FLOODPLAIN
	100 YEAR ZONE A FLOODPLAIN
— ОНЕ—	O.H. POWER LINE
	TOP OF BANK
	TOE OF SLOPE
	SANITARY SEWER

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EXISTING SITE FEATURES ARE TO REMAIN UNLESS NOTED OTHERWISE.

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Date	Kevision		

Approved <u>JCH</u>



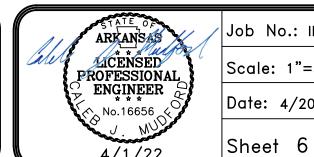
OAK STREET SEWER & WWTP IMPROVEMENTS 118 East Broad Street Texarkana, Arkansas 71854 CITY OF KEO Phone (870) 216-1906 Fax (870) 216-1907 LONOKE COUNTY, ARKANSAS

WWTP EXISTING CONDITIONS



Job No.: ID Scale: 1"=20' Date: 4/2022





Job No.: ID Scale: 1"=50'

Date: 4/2022

OAK STREET SEWER & WWTP IMPROVEMENTS 118 East Broad Street Texarkana, Arkansas 71854 CITY OF KEO Phone (870) 216-1906 Fax (870) 216-1907 LONOKE COUNTY, ARKANSAS

Designed

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Approved <u>JCH</u>

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Revision



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OAK STREET SEWER & WWTP IMPROVEMENTS
CITY OF KEO
LONOKE COUNTY, ARKANSAS

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Revision

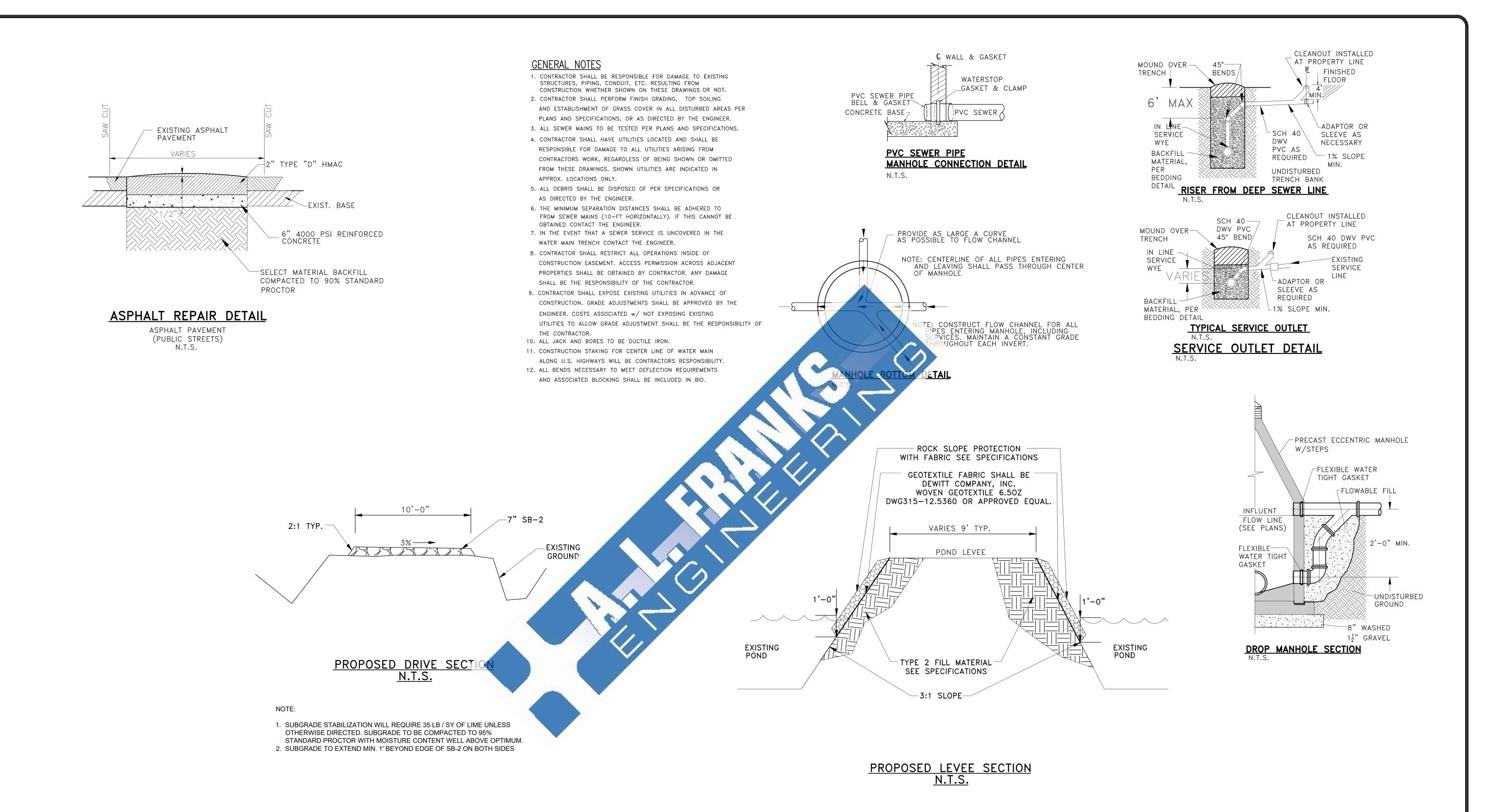
WWTP EROSION & SEDIMENT CONTROL PLAN



Job No.: ID

Scale: 1"=50'

Date: 4/2022



5/10/22	2-DROP	CONNECTION	DETAIL	ADDED	СЈМ	
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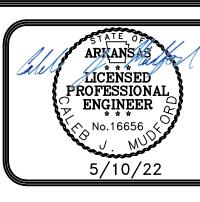
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CITY OF KEO
LONOKE COUNTY, ARKANSAS





Job No.: ID

Scale: 1"=20'

Date: 5/2022

Sheet 8