



ST. TAMMANY PARISH

MICHAEL B. COOPER
PARISH PRESIDENT

October 13, 2023

Please find the following addendum to the below mentioned BID.

Addendum No.: 3

Bid#: 23-3-2

Project Name: Cross Gates Water System New Elevated Storage Tanks

Bid Due Date: October 18, 2023

GENERAL INFORMATION:

1. Specification Section 02450 "Driven Piles", Part 3, Execution, **add** paragraph C. as follows, "*Pre-Drilling – At the Willow Wood site, Contractor shall pre-drill to 70% of the pile cross section dimension, to a depth of 42 ft below ground, to penetrate the sand layer terminating at that depth.*"
2. Specification Section 02800 "Elevated Water Storage Tank".
 - a. **Clarification:** No roof hand rail is required.
 - b. **Add** paragraph 1.08 H. "Lightning Protection" as follows, "*Contractor shall provide lightning protection according to the drawings, or may submit alternate lightning protection measures complying with NFPA 780, for approval by Engineer. Provide NFPA 780 citations with submittal.*"
3. Specification Section 09970 "Coating of Steel Water Storage Tanks". **Clarification:** Paragraph 3.02 F (1), "Surface Preparation Debris Containment", requires full perimeter containment, partial containment shall not be accepted.
4. Specification Section 13423 "Analysis Instrumentation" (Addendum 1),
 - a. **Delete** all references to "*sc4500 Digital Controller*" and **replace** with "*200sc Digital Controller*".
 - b. **Clarification:** CL10 analyzer shall transmit pH and temperature to 200sc digital controller.



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- c. Paragraph 2.4.A.4, **delete** “Optional pH Sensor Flow Cell:PVC” and **replace** with “pH Sensor Flow Cell: PVC”.
5. **Delete** Drawing Sheets 3 and 5, and **replace** with attached Sheets 3-A3 and 5-A3, annotated “Addendum 3” in the revision block.

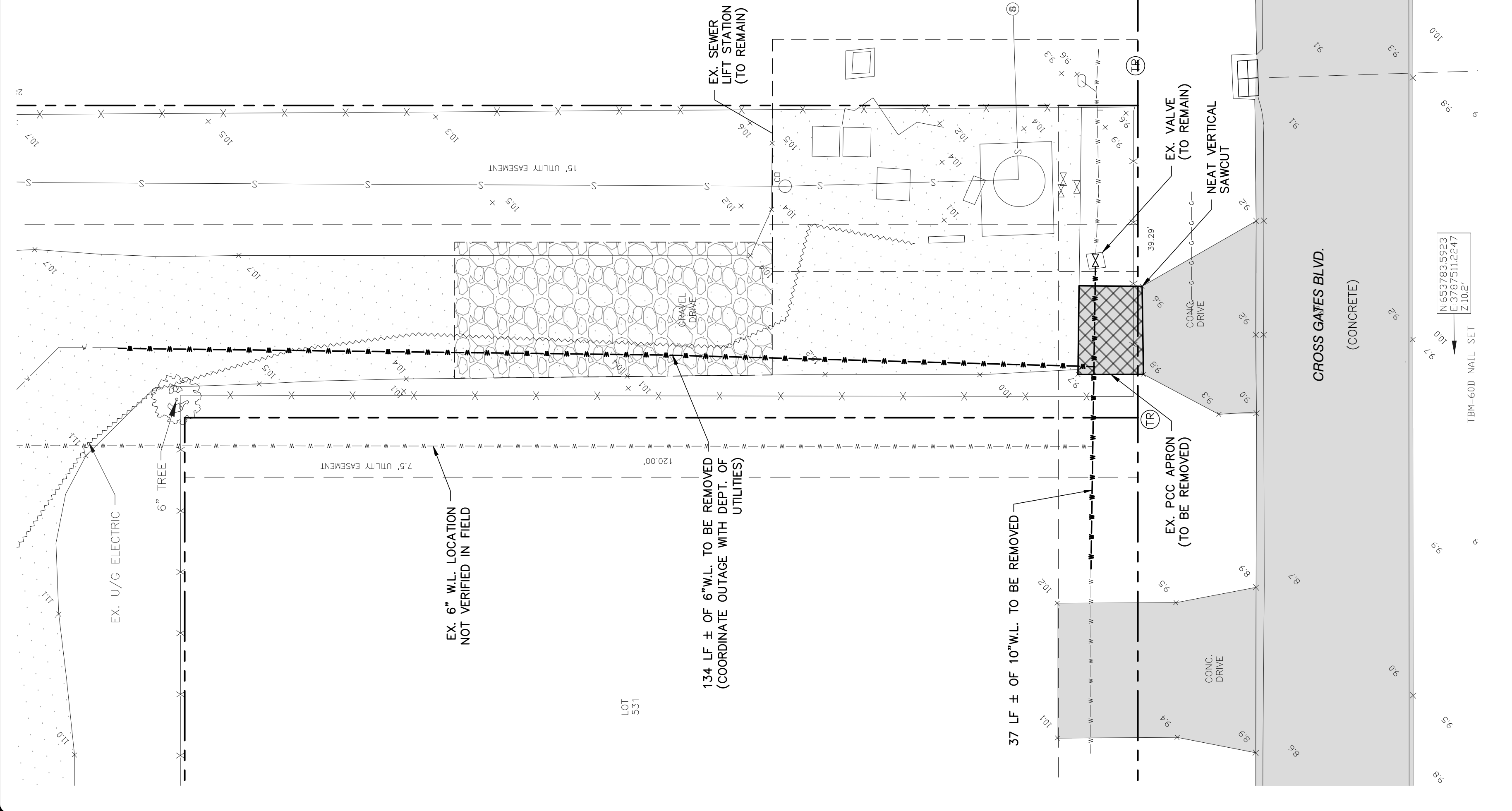
QUESTIONS & ANSWERS:

1. Question: What pile Factor of Safety does the client require? The geotech report calls for pile Factor of Safety = 2.0 if a pile load test is performed. It calls for a F of S = 2.5 if pda is preformed. Drawing Sheet 15 of 24 note 3 calls for F of S = 2.0 and implies PDA is OK. And to make it even more complicated AWWA D100 calls for something different. This will not effect pile design just testing method.
Answer: Drawing Sheet 15 governs.
2. Question: The spec specifically calls out a Big Wave Mixing System. Wanted to see if any alternative mixing systems would be considered such as SolarBee, Pax or our own FreshMix system (despite it being a passive mixing system it would be a significant cost savings).
Answer: No other mixers have been approved to date. Alternate products must comply with the specification, including active style, submergence near tank bottom, and control capability.

ATTACHMENTS:

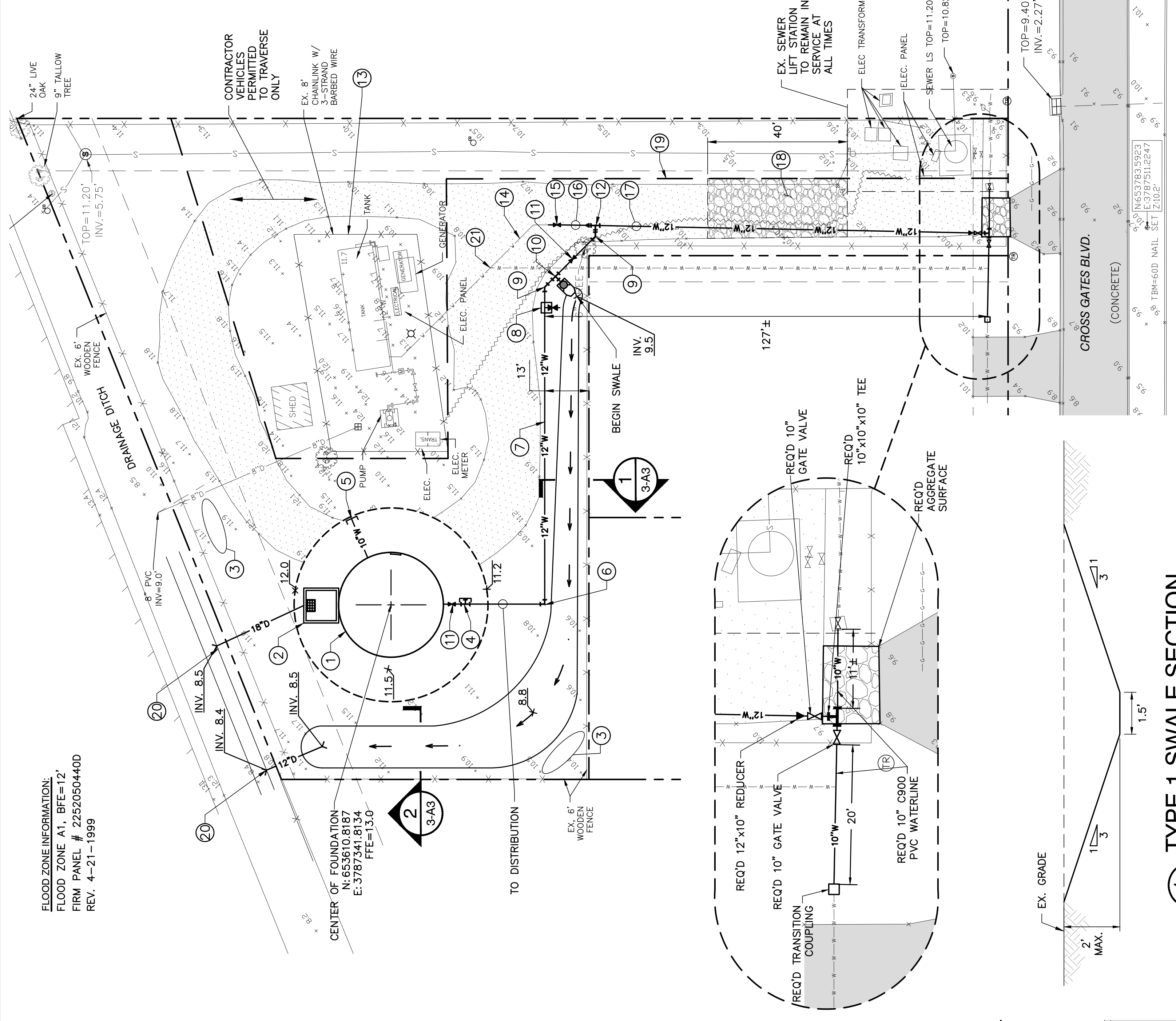
Drawing Sheets 3-A3 and 5-A3, (Addendum 3)

<< End of Addendum 3 >>

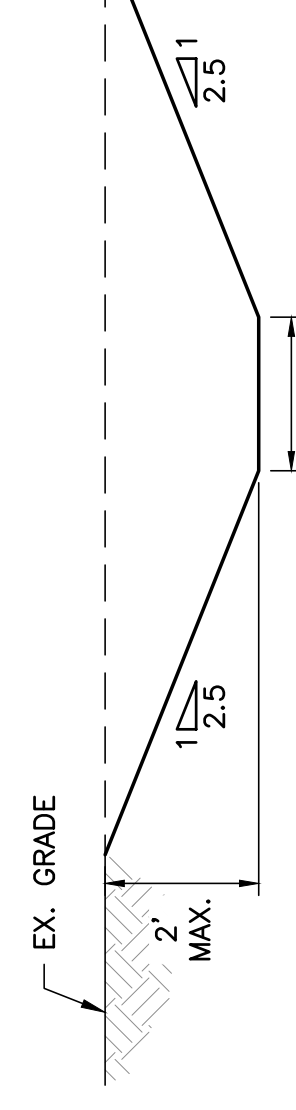


DEMOLITION PLAN
SCALE: 1" = 10'-0"

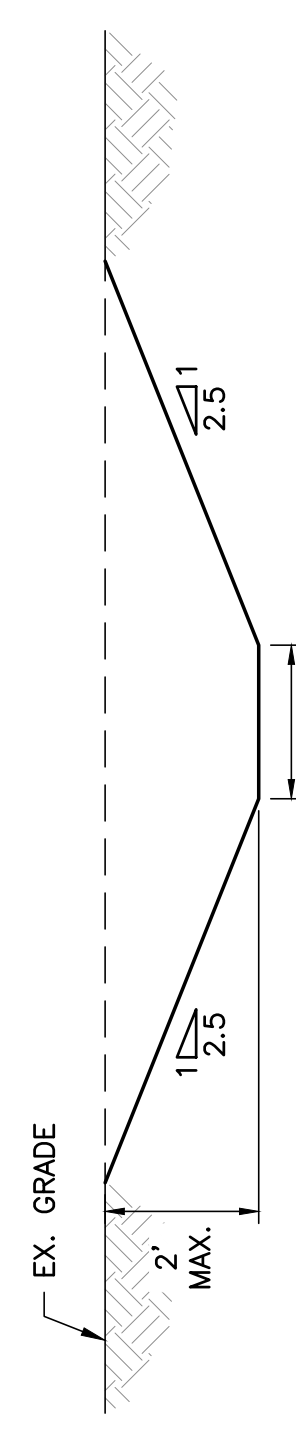
0 5 10
1" = 10 FEET



1
3-A3
TYPE 1 SWALE SECTION
SCALE: N.T.S.



2
3-A3
TYPE 2 SWALE SECTION
SCALE: N.T.S.



SITE PLAN
SCALE: 1" = 20'-0"

0 10 20
1" = 20 FEET

SITE PLAN KEY/NOTES:

- 1 REQ'D ELEVATED STEEL STORAGE TANK
- 2 REQ'D SPLASH BLOCK & CB-01
- 3 REQ'D VIBRATION MONITORING LOCATION
- 4 REQ'D 12"x12"x10" TEE (CAPPED)
- 5 REQ'D PVC FILL LINE (CAPPED)
- 6 REQ'D 12" 90° BEND
- 7 REQ'D 12" PVC C900 DR 18 WATER LINE
- 8 REQ'D WATER SAMPLE STATION AND APRON
- 9 REQ'D 12" 45° BEND
- 10 REQ'D 12"x12"x6" TEE, F.H., VALVE, & VALVE BOX
- 11 REQ'D 12" GATE VALVE
- 12 REQ'D 12"x12"x12" TEE, 6"x12" REDUCER, 12" SPOOL
- 13 EX. WELL SITE TO REMAIN
- 14 EX. 6" WATER LINE TO REMAIN
- 15 REQ'D CUT-IN SLEEVE AND 6" GATE VALVE
- 16 REQ'D 6" C900 DR 18 PVC WATERLINE
- 17 REQ'D 12" C900 DR 18 PVC WATER LINE
- 18 REQ'D TEMP. STONE CONSTRUCTION ENTRANCE
- 19 LIMITS OF WORK
- 20 FLAP GATE HANSON MODEL A
- 21 REQ'D CAP EX. 6" W.L. AFTER 12" W.L IS COMMISSIONED

NOTES:

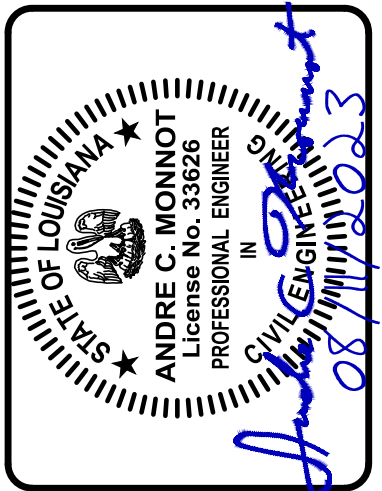
1. EXISTING WATER WELL AND SEWER LIFT STATION SHALL REMAIN IN OPERATION DURING CONSTRUCTION.
2. CONTRACTOR SHALL ALLOW ST. TAMMANY DEPARTMENT OF UTILITIES (DU) AND THE ENGINEER ACCESS TO THE SITE AT ALL TIMES.
3. CONTRACTOR SHALL COORDINATE ANY SHUTDOWNS OF THE WELL AND EQUIPMENT OR WATER MAIN WITH DU AND THE ENGINEER. ALL VALVES AND WELL EQUIPMENT SHALL BE OPERATED BY DU PERSONNEL.
4. CONTRACTOR SHALL BE ALLOWED A MAXIMUM OF 4 HOURS FOR TIE-IN OF EXIST. 6" W.L. TO NEW 12" W.L. FOR THE REPLACEMENT OF THE EXISTING 6" W.L. WITH THE 12" W.L., A MAXIMUM OF 2 WEEKS SHALL BE ALLOWED FOR WELL PRODUCTION OUTAGE.
5. ALL DRAINAGE PIPES SHALL BE REINFORCED CONCRETE PIPE
6. RESTRAIN ALL BURIED JOINTS ON WATERLINES.
7. CONTRACTOR SHALL EXPOSE AND CONFIRM LOCATION, SIZE, AND TYPE OF EXISTING WATERLINES BEFORE CONSTRUCTION.
8. ALL BURIED WATERLINES SHALL BE PVC-C900, DR18.
9. REMOVE, STORE, PROTECT, AND REINSTALL FENCE FOR DRAIN CONSTRUCTION.
10. CONTRACTOR SHALL MAINTAIN EXISTING AGGREGATE ACCESS LANE DURING CONSTRUCTION, RESTORE TO LEVEL & GRADED SURFACE AT COMPLETION OF CONSTRUCTION. MATERIAL SHALL BE MIN. 4" 610 CRUSHED LIMESTONE (GRAY).



DEPT. OF UTILITIES
ST. TAMMANY PARISH
GOVERNMENT
620 N. TYLER STREET
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No.	DESCRIPTION OF REVISION	DATE
1	ADDENDUM 3	10.11.23

DESIGNED BY: ACM	CHECKED BY: TMS	PROJECT No.: TU22000204	ISSUE DATE: AUG 2023	APPROVED BY: --	SHEET SIZE: ANSI D
DRAWN BY: LMR	SUBMITTED BY: PRINCIPAL ENG	TU22000209			



CROSS GATES WATER SYSTEM
NEW ELEVATED STORAGE TANK
SLIDELL, LOUISIANA
PROJECT No.: TU22000204
TU22000209
WILLOW WOOD SITE PLAN
(ELEVATED TANK)

