



CENTRALBIDDING
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Water Production System Renovations LaSalle Waterworks District No. 1
LAGC Plan Room - North

Project documents obtained from www.CentralBidding.com

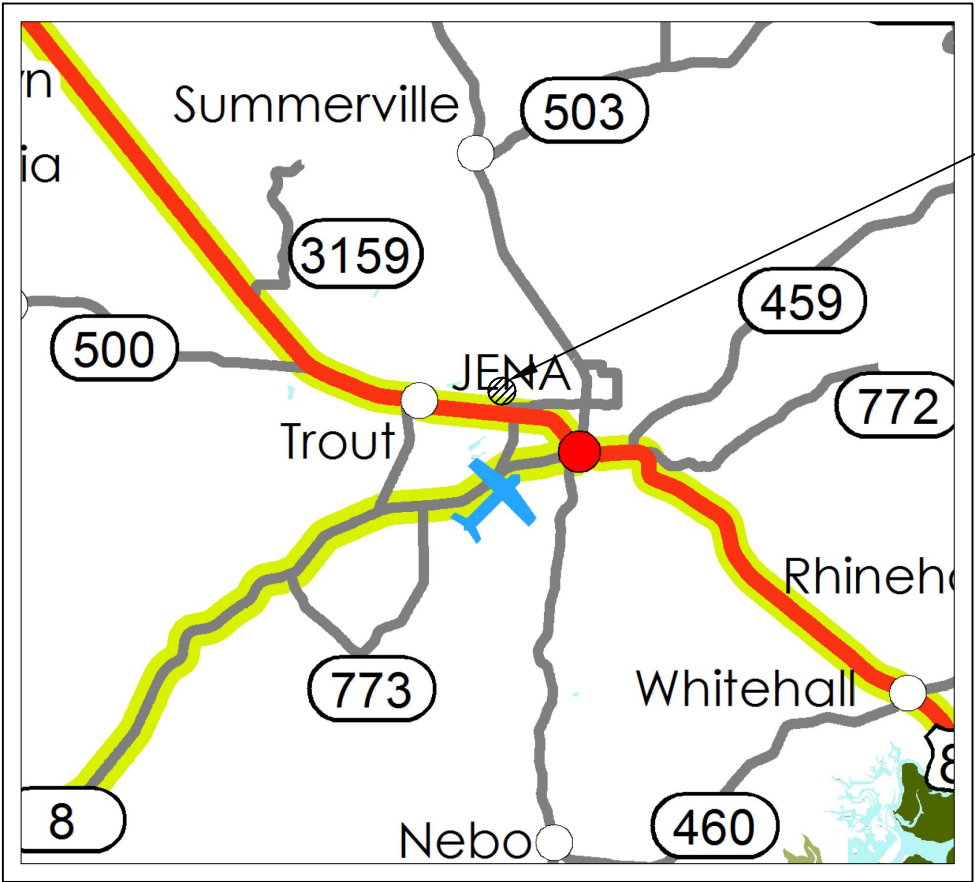
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PLANS
FOR CONSTRUCTION OF
WATER PRODUCTION SYSTEM RENOVATIONS
FOR THE
LASALLE WATERWORKS DISTRICT NO. 1
LASALLE PARISH, LOUISIANA

PROJECT CLASSIFICATION:
SPECIALTY: PAINTING, COATING AND BLASTING (INDUSTRIAL AND COMMERCIAL)

PLANS & SPECIFICATIONS APPROVALS:
APPROVED BY: SHULER CONSULTING COMPANY
THIS _____ DAY OF _____, 2025
BY _____
MR. HENRY SHULER, P.E., PRESIDENT

APPROVED BY: LASALLE WATERWORKS DISTRICT NO. 1
THIS _____ DAY OF _____, 2025
BY _____
MR. JOSH CORLEY, PRESIDENT



VICINITY MAP

PLAN INDEX	
SHEET NO.	DESCRIPTION
Co	TITLE SHEET & VICINITY MAP
C1	PROJECT INDEX MAP
C2	SITE PLAN - ELEVATED TANK SITE
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E1	ELECTRICAL SITE PLAN - ELEVATED TANK SITE
E2	ELECTRICAL RISER DIAGRAM



Call before you dig 1-800-272-3020



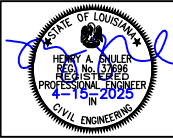
SHULER CONSULTING COMPANY
CIVIL ENGINEERING DESIGN & CONSULTING SERVICES
230 GRANDVIEW DRIVE
CHATHAM, LA 71226
PHONE: (318) 249-3030
FAX: (318) 249-3040

TITLE SHEET & VICINITY MAP

DESIGNED BY: HAS	REV. NO.	DATE
DRAFTED BY: LGO		
CHECKED BY: HAS		
SCALE: N/A		
PROJ. NO: 3472		
DATE: APRIL, 2025		

LASALLE WATERWORKS DISTRICT NO.1
WATER PRODUCTION SYSTEM RENOVATIONS

SHEET NO.
Co OF 5C



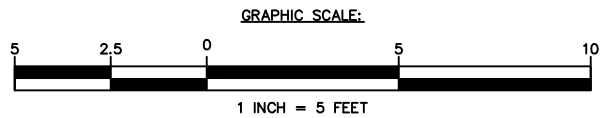
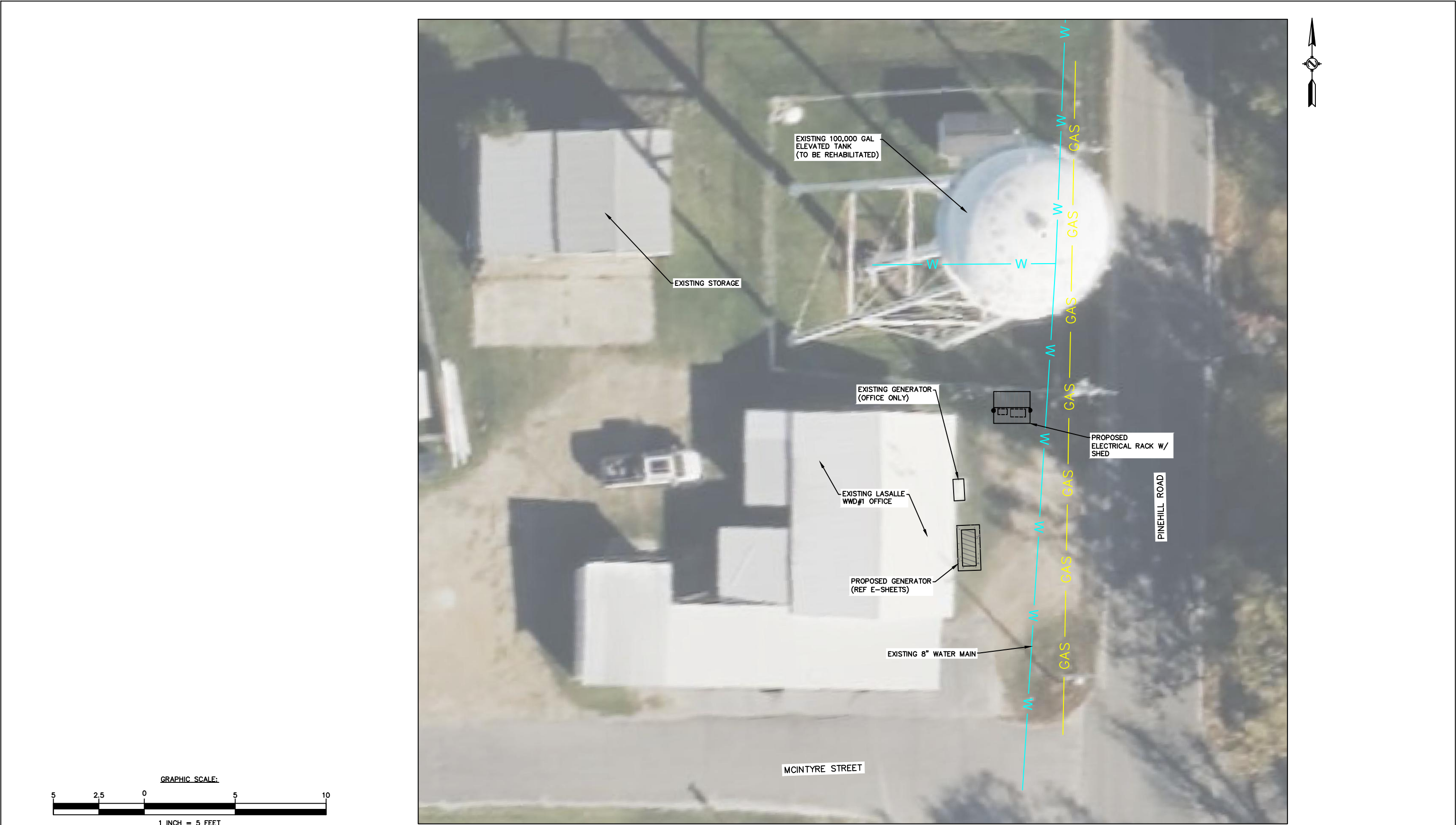
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PROJECT INDEX MAP

DESIGNED BY: HAS	REV. NO.	DATE
DRAFTED BY: LGO		
CHECKED BY: HAS		
SCALE: 1" = 400'		
PROJ. NO: 3472		
DATE: APRIL, 2025		

LASALLE WATERWORKS DISTRICT NO.1
WATER PRODUCTION SYSTEM RENOVATIONS

SHEET NO.
C1 OF 5C



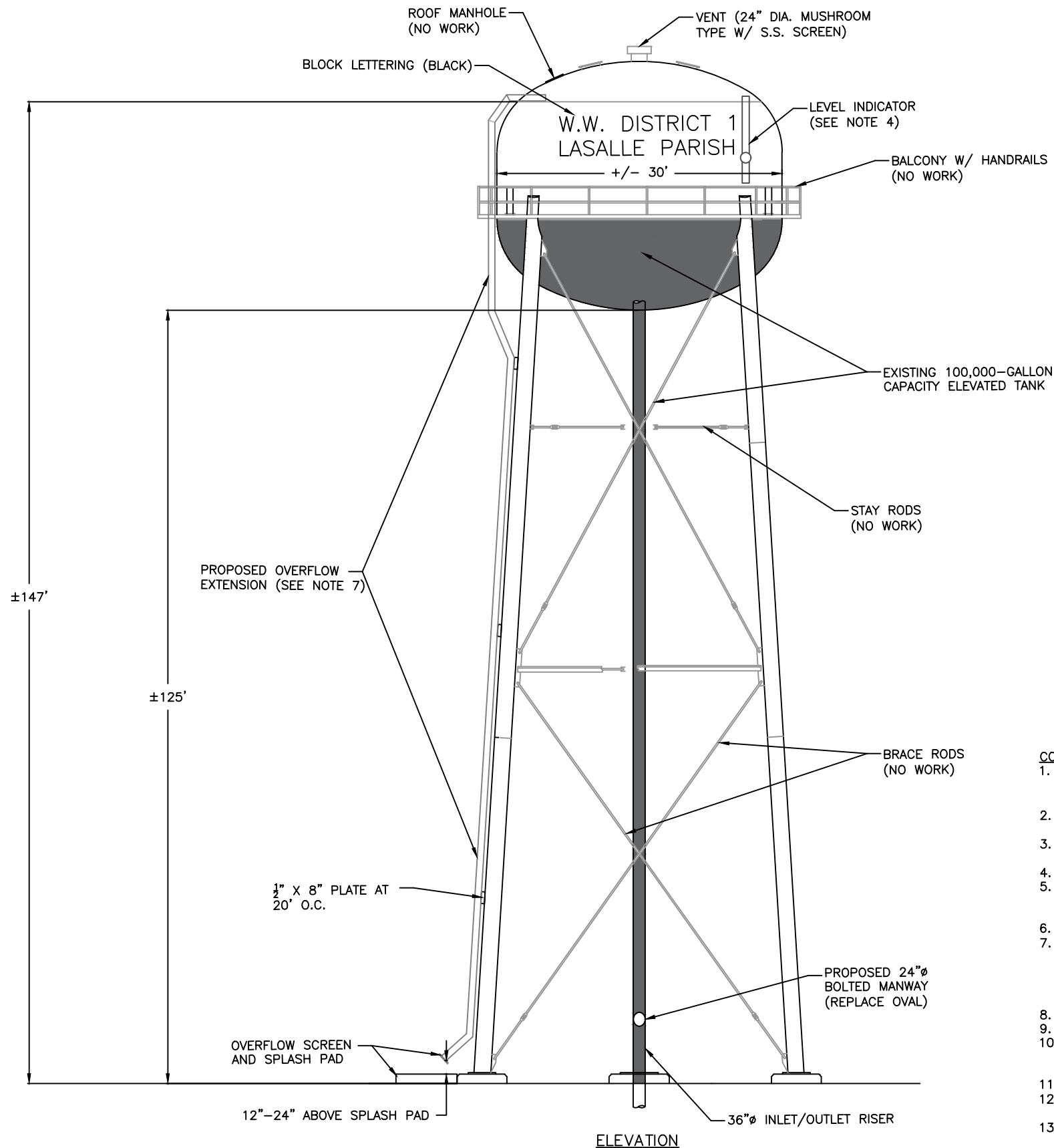
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SITE PLAN - ELEVATED TANK SITE

DESIGNED BY: HAS	REV. NO.	DATE
DRAFTED BY: LGO		
CHECKED BY: HAS		
SCALE: 1" = 20'		
PROJ. NO: 3472		
DATE: APRIL, 2025		

LASALLE WATERWORKS DISTRICT NO. 1
WATER PRODUCTION SYSTEM RENOVATIONS

SHEET NO.
C2 OF 5C



CONSTRUCTION NOTES:

1. ALL PAINTING SHALL BE IN ACCORDANCE WITH TECHNICAL SPECIFICATION 33 01 10.71. EXTERIOR SHALL BE WHITE WITH BLACK IN SELECT AREAS. THE UNDER SIDE OF THE BOWL (BENEATH THE CATWALK) SHALL BE BLACK. THE RISER SHALL BE BLACK.
2. ELEVATED TANK LAYOUT IS FOR PLANNING PURPOSES AND MAY NOT REPRESENT ACTUAL CONDITIONS. THE CONTRACTOR IS STRONGLY ENCOURAGED TO PERFORM A THOROUGH SITE VISIT.
3. CONTRACTOR SHALL REPAIR/REPLACE DAMAGED OR CORRODED SCREENS. SCREENS SHALL BE CORROSION RESISTANT MATERIAL. A 24 MESH SCREEN SHALL BE PROVIDED.
4. CONTRACTOR SHALL INSPECT LEVEL INDICATOR ASSEMBLY AND SHALL ENSURE PROPER FUNCTION.
5. FULL INTERIOR COATING REHABILITATION IS NOT REQUIRED. HOWEVER, THE CONTRACTOR SHALL REPAIR INTERIOR COATING DAMAGE CAUSED BY RIGGING. SPOT REPAIR OF SELECT AREAS PER INSPECTION REPORT IS REQUIRED.
6. FULL REHABILITATION OF THE EXTERIOR COATING IS REQUIRED.
7. THE CONTRACTOR SHALL EXTEND THE EXISTING 4" OVERFLOW TO GROUND LEVEL PER THIS SHEET. NEW PIPING SHALL BE SCH. 40, A36 STEEL. CONTRACTOR SHALL PREP AND COAT PIPING PER SPECIFICATIONS. A NEW S.S. 24 MESH SCREEN WITH FLANGE SHALL BE APPLIED TO THE OVERFLOW VENT. A 6' X 6' X 6" CONCRETE SPLASH PAD SHALL BE PROVIDED BENEATH THE OVERFLOW.
8. INSPECTION PHOTOS OF TANK INTERIOR ARE PROVIDED IN APPENDIX.
9. THE CONTRACTOR SHALL REFER TO INSPECTION REPORT FOR OTHER REQUIRED WORK.
10. CONTRACTOR IS RESPONSIBLE FOR FULL CONTAINMENT DURING CONSTRUCTION. IF ELECTRICAL OR FENCING REQUIRES TEMPORARY RELOCATION, THE CONTRACTOR SHALL ACCOUNT FOR SUCH WITH NO ADDITIONAL PAY.
11. CONTRACTOR SHALL DISPOSE OF BLAST MEDIA.
12. CONTRACTOR SHALL COORDINATE TEMPORARY REMOVE AND RE-INSTALLATION OF ANTENNA'S WITH SKYRIDER.
13. ADDITIVE ALTERNATE NO.1 SHALL PROVIDE FOR A CUSTOM DISTRICT LOGO FOR THE ELEVATED TANK IN LEIN OF THE BLOCK LETTERING.



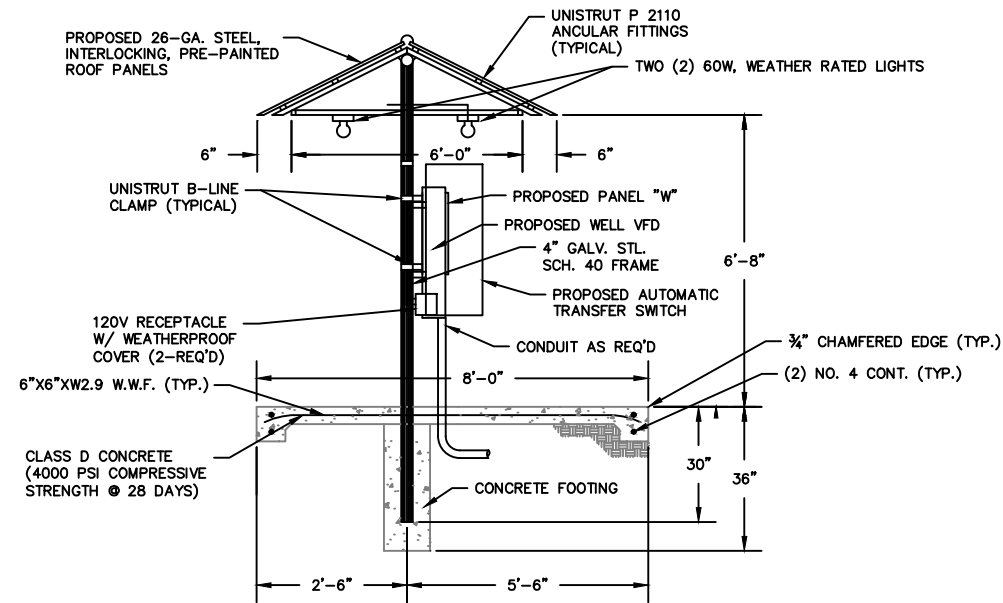
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ELEVATED TANK SUMMARY - ELEVATED TANK SITE

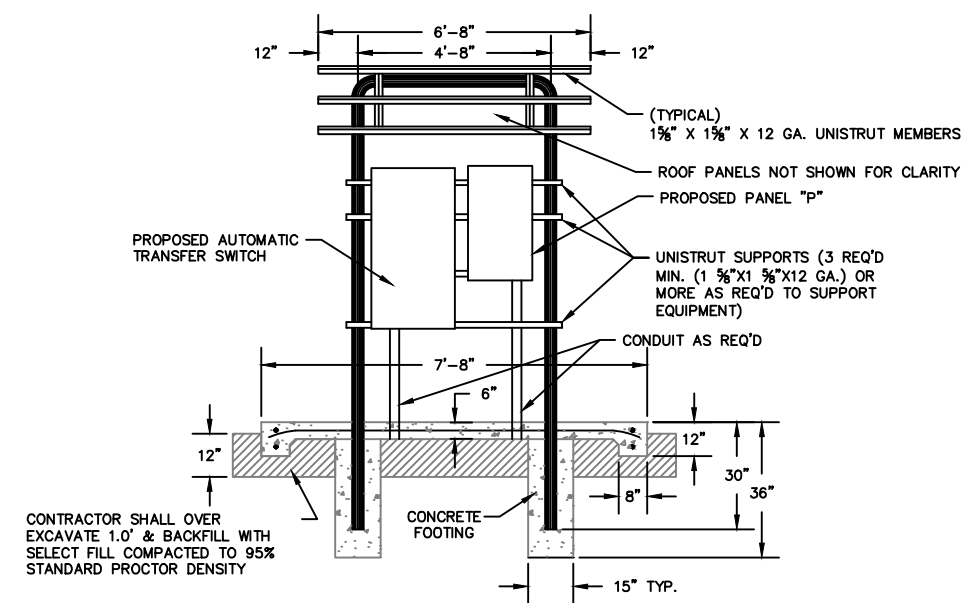
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**LASALLE WATERWORKS DISTRICT NO. 1
WATER PRODUCTION SYSTEM RENOVATIONS**

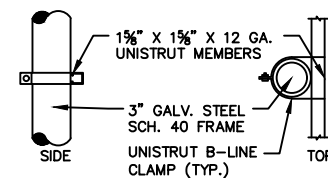
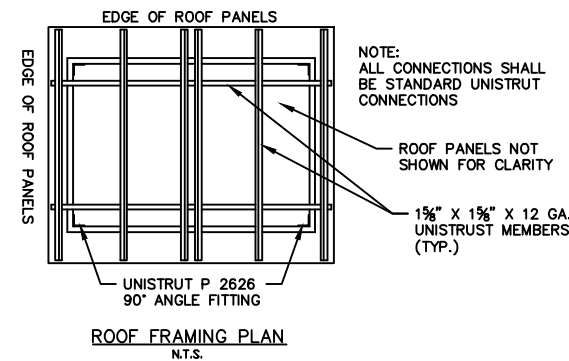
SHEET NO.
C3 OF 5C



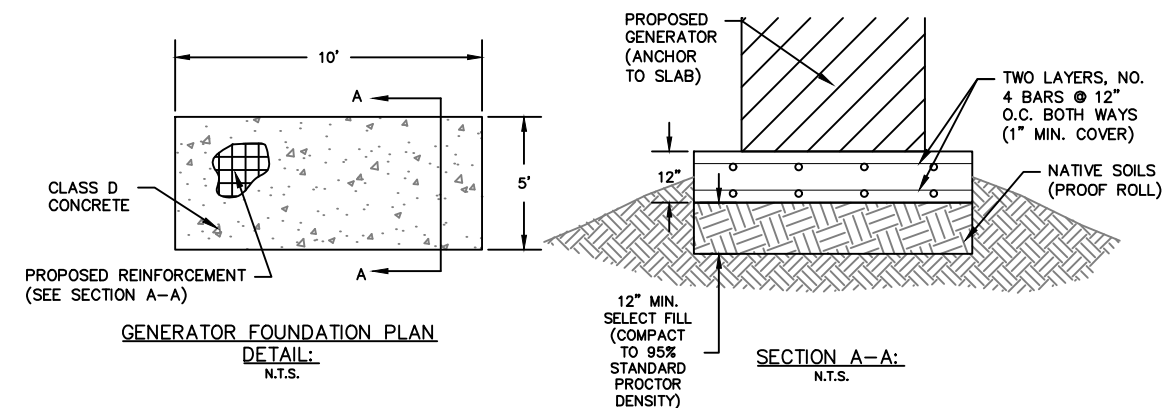
SIDE ELEVATION
ELECTRICAL CONTROL PANEL SHED
N.T.S.



FRONT ELEVATION
ELECTRICAL CONTROL PANEL SHED
N.T.S.



CLAMP TO POST CONNECTION
N.T.S.



- FOUNDATION NOTES:
- CONTRACTOR TO STRIP EXISTING VEGETATION AND TOPSOIL FROM FOUNDATION AREA. AT A MINIMUM, 12" OF SELECT FILL SHALL BE PLACED AND COMPACTED. CONTRACTOR SHALL PROVIDE FOR AND PAY ASSOCIATED TESTING FEES. CONTRACTOR SHALL ADVISE ENGINEER IF SUBSOIL IS UNSUITABLE AT SPECIFIED DEPTH.
 - CONCRETE SHALL BE CLASS D PER SECTION 03 00 00.



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MISCELLANEOUS DETAILS

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LASALLE WATERWORKS DISTRICT NO. 1
WATER PRODUCTION SYSTEM RENOVATIONS

SHEET NO.
C4 OF 5C

GENERAL NOTES:

1. The Engineer does not warrant the plans to be complete or accurate with respect to the location of existing underground utilities. Locations of existing utilities on these drawings are approximate based on information furnished by the Owner, utility representative, and by site visit. Existing underground utilities and telephone cables indicated herein for the convenience of the Contractor have not been field located. The Contractor shall be responsible for field locations of existing utilities as necessary during the layout and construction phase of the project. The Contractor shall contact DOTTIE and coordinate with all existing utility representatives when working in the area of any of their lines. It is the Contractor's responsibility to verify existing utility locations ahead of construction to avoid damage or disruption. The Contractor shall be responsible for all costs incurred due to the damage. No additional compensation will be considered for any required relocation, temporary support, protection or other costs involved with or about these utilities.
2. N.I.C.—When used on the drawings, means Not In Contract. N.S.P. — No Separate Pay. U.O.S. — Unless otherwise specified on the plans proposal forms and/or spec. provisions.
3. The Contractor shall notify all owners of livestock which may be affected by the temporary removal of fences, gates, and cattle guards. The Contractor shall maintain temporary fence and gate openings. Fences, gates, and cattle guards disturbed by the Contractor shall be repaired to the condition existing prior to construction immediately after completing the line installation for which the fence was disturbed.
4. The contractor shall receive no extra pay for fence crossings, cattle guard crossings, or removal and replacement of any culvert pipe. The price of such shall be included in other bid items. A fencing material pay item is provided for replacement of fencing materials damaged through no fault of the Contractor.
5. The Contractor shall maintain drainage through all drainage structures, culverts, ditches, water courses, etc. affected by the installation of the work. The Contractor shall restore all such drainage structures, culverts, ditches, etc. to their original condition at no separate pay.
6. The Contractor shall restore to their original condition any signs, mail boxes, culverts, Posted or No Trespassing signs, etc. disturbed by him.
7. The Contractor shall adequately brace all power poles, service poles, etc. in the vicinity of the construction.
8. The Contractor shall provide all temporary utilities such as electricity and water necessary to test and complete his various items.
The Owner will pay for any permanent utility meter deposits; however, the Contractor shall be responsible for any utility bills incurred until the facility is turned over to the Owner for use.
9. The Contractor shall not stockpile excavated materials on any portion of the roadway surface. If necessary, the Contractor will haul off the excavated materials and haul it back in to backfill. No separate pay will be allowed for hauling off the excavated material and hauling it back in when backfilling. The cost of the haul off and haul in shall be included in the price bid for the applicable item of work.
10. All unusable materials resulting from the work shall become the property of the Contractor and shall be removed from the job site and disposed of as approved by the State of Louisiana. Compensation for this work shall be included in various unit prices or lump sum items of the Bid Schedule.
11. The Contractor shall coordinate his construction schedule with the Owner's representative, that an inspector will be on the job at critical times during construction.
12. The Contractor shall provide for and maintain local traffic at all times during construction. He shall erect all necessary temporary barricades, warning signs, lights, and flag men needed during construction.

13. Water for construction or testing purposes is available to the Contractor(s) from the Owner at specifically designated locations in limited quantities at a charge of \$6.00/1000 gallons. The Contractor shall make his arrangements with the Owner. All other utility requirements shall be furnished by the Contractor at his expense. The Contractor shall provide the means and equipment as approved by the Engineer, to obtain and measure the water used.
14. The Contractor alone shall be solely and completely responsible for conditions of the job site, including safety of all persons and property during performance of the work. This requirement will apply continuously and not be limited to normal working hours.
15. SITE MAINTENANCE: The contractor shall keep the site clean of debris. Materials shall be stored and protected against the damage.
16. RIGHT—OF WAY: The right—of—way herein referred to is understood to mean only the permission to use and pass through the location, street or highway or through any public or private property. The Contractor is responsible for relocation of any wires, lamps, or other overhead, surface or underground obstruction which may interfere with the operation or movement of the Contractor's equipment. The Contractor is advised that private right—of—way along the highways and roads will be obtained by the Owner when possible. Where right—of—way cannot be obtained, the Contractor shall install utility mains in the highway right—of—way. No additional compensation will be paid the Contractor for moving from private to highway right—of—way or from highway to private right—of—way.
17. CLEARING AND GRUBBING: The Contractor shall clear and grub as required for the construction of required facilities but shall not clear or grub beyond site, easement, or right—of—way boundaries. No special payment shall be made for clearing and grubbing on highway right—of—way.
18. CONCRETE: All structural and paving concrete shall be Class D, 4000 psi average compression strength at 28 days.
19. MOBILIZATION: This work consists of preparatory work and operations, including those necessary for movement of personnel, equipment, supplies, buildings, and other facilities necessary for work on the project; the cost of bonds and required insurance; and other pre—construction expenses necessary for start of the work, excluding the cost of construction materials.

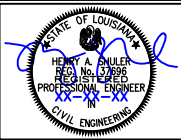
No price adjustment will be made for this item due to changes in the work, and any increased mobilization cost incurred by the Contractor due to additional work occasioned by such changes will be considered incidental to the additional work.

If the contract is canceled by the Owner, the Contractor will be paid for the actual cost incurred for mobilization at the time of cancellation, which cost will not exceed the total bid under the mobilization item.
20. RECORD DRAWINGS: The Contractor must maintain, on the job site, a complete set of plans and specifications corrected to the actual location, sizes, depth, etc. of all facilities constructed. This information shall be provided to the Engineer as Record Drawings before acceptance of the project work. If provided by Engineer, a CD file of the construction plans shall be modified to reflect as—built conditions in compliance with final acceptance requirements.

21. START—UP AND OPERATION: The Contractor shall be required to demonstrate that all components installed operate and function satisfactorily. Personnel for start—up shall be furnished by the Contractor for sufficient time to verify the operational acceptability. Personnel from the Owner and the Engineer may be present for familiarization. Start—up will be a prerequisite to substantial completion.
22. UTILITY NOTIFICATION: Before beginning construction, contractor shall contact LA. One Call (800—272—3020) to advise all local utilities.

The Contractor shall also be required to notify the customers at least 24 hours prior to disrupting service.
23. TEST PITS:
- A. When ordered and at the location directed by the Engineer and before any lines or grades are given by the Engineer, test pits shall be dug by the Contractor where necessary throughout the various streets or rights—of—way in which the work is to be constructed or in the immediate adjacent areas and a determination shall be made of the actual location of the existing underground structure.
- B. No direct payment shall be made for required test pits.

N.I.C. 17, 18 & 23



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GENERAL NOTES

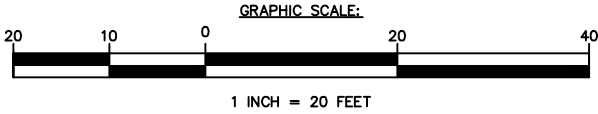
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SCALE: N/A		
PROJ. NO: 3472		
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LASALLE WATERWORKS DISTRICT NO.1
WATER PRODUCTION SYSTEM RENOVATIONS

SHEET NO.

C5 OF 5C

ITEM NO.	ITEM DESCRIPTION & NOTES
1	EXISTING 120/240V 1Ø TRANSFORMER BANK
2	EXISTING METER IN STORAGE ROOM & RISER THROUGH ROOF FOR 120/240V 1Ø OFFICE SERVICE
3	EXISTING OFFICE BLDG 120/240V PANEL "A" IN BREAK ROOM
4	EXISTING OFFICE GENERATOR
5	EXISTING SINGLE PHASE TRANSFER SWITCH
6	EXISTING 480V 3Ø DELTA TRANSFORMER BANK
7	EXISTING 480V 3Ø SERVICE POLE TO REMAIN
8	EXISTING 120/240V OPEN DELTA TRANSFORMER BANK
9	EXISTING 120/240V SERVICE POLE FOR TELECOM EQUIPMENT ON ELEVATED TANK
10	EXISTING 120/240V PANEL "B" IN STORAGE ROOM
11	EXISTING WELL STARTER IN STORAGE ROOM
12	REPLACE EXISTING 50A-20 ENCLOSED BREAKER WITH NEW PANEL "C"
13	EXISTING SUBMERSIBLE WELL
14	EXISTING 120/240V 1Ø SERVICE TO STORAGE BUILDING
15	NEW GENERATOR ON 5' X 10' CONCRETE PAD
16	NEW ELECTRICAL RACK WITH PANEL "P", SPD & ATS



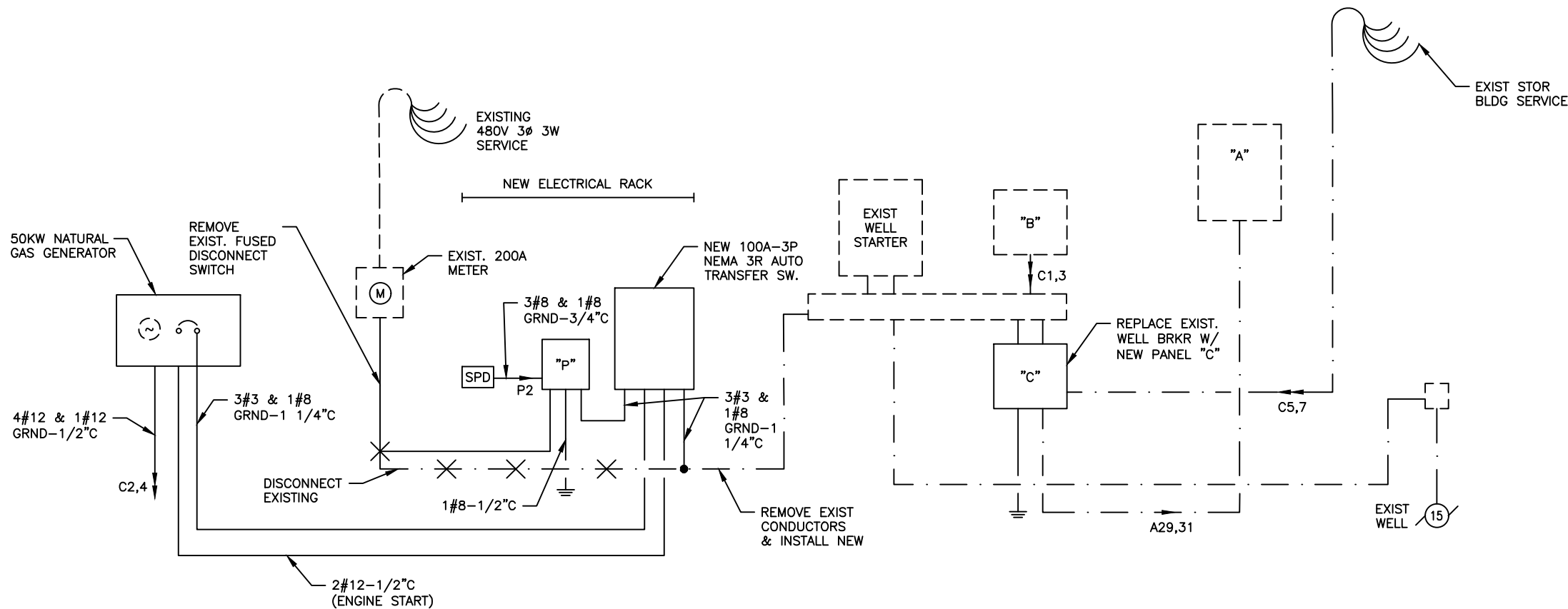
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ELECTRICAL SITE PLAN - ELEVATED TANK SITE

DESIGNED BY: RJD	REV. NO.	DATE
DRAFTED BY: LGO		
CHECKED BY: RJD		
SCALE: 1" = 20'		
PROJ. NO: 3472		
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LASALLE WATERWORKS DISTRICT NO. 1
WATER PRODUCTION SYSTEM RENOVATIONS

SHEET NO.
E1 OF 2E



PANEL P									
NEMA 3R 125A MLO PANEL FOR 480V 3Ø 3W SERVICE INTERRUPTING RATING: 14,000 AMPS									
CKT NO.	TRIP AMPS	NO. POLES	LOAD SERVED	PHASE LOAD VA			LOAD SERVED	CKT NO.	TRIP AMPS
				A	B	C			
1	100	3	WELL STARTER	5,600			SPD	2	40
3	-	-	-		5,600		-	4	-
5	-	1	-			5,600	-	6	-
7	-	-	SPACE ONLY	-	-	-	SPACE ONLY	8	-
9	-	-	SPACE ONLY	-	-	-	SPACE ONLY	10	-
11	-	-	SPACE ONLY	-	-	-	SPACE ONLY	12	-

PANEL C									
NEMA 3R 125A MLO PANEL FOR 120/240V 1Ø 3W SERVICE INTERRUPTING RATING: 10,000 AMPS									
CKT NO.	TRIP AMPS	NO. POLES	LOAD SERVED	PHASE LOAD VA		LOAD SERVED	CKT NO.	TRIP AMPS	NO. POLES
				A	B				
1	50	2	EXIST PNL B	2,700		GEN BTRY CHGR	2	-	-
3	-	-	-	500	2,200	GEN HTR	4	-	-
5	50	2	STORAGE BLDG	1,000	1,000	SPARE	6	-	-
7	-	-	-	-	1,000	SPARE	8	-	-
9	-	-	SPACE ONLY	-	-	SPACE ONLY	10	-	-
11	-	-	SPACE ONLY	-	-	SPACE ONLY	12	-	-



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ELECTRICAL RISER DIAGRAM

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LASALLE WATERWORKS DISTRICT NO. 1
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E2 OF 2E