



LIFT STATIONS REHABILITATION - PHASE 5
Solicitation Number: CO-00483
Job No.: 16-2502

ADDENDUM 1
November 12, 2021

To Respondent of Record:

This addendum, applicable to work referenced above, is an amendment to the price proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the Respondent Questionnaire.

CHANGES TO THE PLANS

1. Sheet C-331-2 (104 of 150) REMOVE and REPLACE in its entirety.
2. Sheet E-4 (140 of 150) REMOVE and REPLACE in its entirety.
3. Sheet E-5 (141 of 150) REMOVE and REPLACE in its entirety.

CHANGES TO THE SPECIFICATIONS

1. Special Conditions, SC11. REMOVE and REPLACE in its entirety.

SC11. Work Restrictions: Contractor is responsible for coordination to gain access to the lift station sites and be given acceptable work hours to perform construction activities within JBSA-Lackland AFB, Port San Antonio, and Boeing facility. Contractor shall obtain all security clearances/badges well in advance prior to construction. Allocate a minimum of 60 days for process and approval after submitting applications for security clearances. Contractor to include this activity and its duration on the Baseline Schedule for the project. Refer to the General Conditions for work hours and weekend work.

JBSA-Lackland: Contractor will need to coordinate with commercial gate personnel for acceptable work hours and adhere to them if they differ from typical hours. Contractor may work at multiple sites at once, with the exception of LS #324, as long as they are not affecting or restricting any base personnel or operations. Contractor must solely work at LS #324 first before construction can commence at other lift stations at JBSA-Lackland. Construction work at LS #324 near the taxiway area will be strictly scheduled and must have a flight line escort at all times. Contractor must coordinate with Lackland Air Force Base Engineer to perform construction work at LS #324 in advance prior to construction. The Contractor must work consistently to complete the work at the site in as short a time period as possible.

Contractor may be granted an extension of time of up to 60 days due to delays associated with circumstances outside SAWS' control related to site access during the course of construction activities within JBSA-Lackland. Contractor shall provide documentation to SAWS justifying any requests for such delays.

Port San Antonio: Contractor will need to notify security if any work outside of typical work hours is anticipated prior to commencing work. Contractor may work at multiple sites at once. Contractor must coordinate with Boeing facility to obtain contractor clearance badges to perform work at LS #322. If Air Force One is present at this facility, Contractor will not be allowed on premises to perform construction activities at this lift station. Contractor shall include in the Price Proposal the costs associated with having to vacate the LS #322 site upon notice from SAWS, JBSA, or Boeing and leave equipment, materials, and tools in place.

Contractor must continue construction work at other lift stations for the duration Air Force One is present at Boeing facility. Contractor must provide adequate equipment, materials, tools, and labor to continue working at other locations without relying on any equipment, materials, and tools that were left at LS #322. No additional compensation will be given.

Contractor may be granted an extension of time of up to 60 days due to delays associated with the presence of Air Force One during the course of construction activities at LS #322. Contractor shall provide documentation to SAWS justifying any requests for such delays.

Once Air Force One departs Boeing facility, construction activities can resume at this lift station. Contractor is responsible for obtaining contact information (phone number, e-mail address, etc.) from Boeing facility security department to stay informed about Air Force One.

Auto dialer shall remain in service until new SCADA cellular communication system has been fully operational for at least 30 days or until the Owner authorizes the removal. Lift stations within JBSA-Lackland shall be in a "SCADA-ready" state for owner transference as stated in the drawings.

2. Insert the following to Special Conditions as SC28:

SC 28. Contractor must be able to meet requirements established by the Department of Defense, including but not limited to Force Health Protection Guidance (Supplement 23) Revision 1, and any subsequent revisions, regarding vaccination status and consent to testing for COVID-19. See link below.
<https://www.defense.gov/News/Releases/Release/Article/2814253/force-health-protection-guidance-supplement-23-revision-1-department-of-defense/>

The remaining sections shall remain the same.

RESPONSE TO QUESTIONS

1. **Question:** Is there a design for the electrical canopies (sheet 140)?

Response: Yes, basic layout is shown on sheet 140, but contractor shall provide the following:

1. Contractor shall be responsible for designing the equipment rack/canopy and the equipment rack/canopy foundation for all lift stations requiring equipment rack/canopy and/or rack/canopy foundation. Contractor shall be required to have a Professional Structural Engineer licensed in the State of Texas design the foundation for the equipment rack/canopy and rack/canopy foundation, costs associated with the rack/canopy and rack/canopy foundation design and installation shall be included in the base bid.
2. All structural members of canopy shall be welded.
3. Install gutters to drain storm water.
4. Canopy structure shall withstand winds of up to 115 mph (ultimate).

2. **Question:** Detail E-02 on sheet 141 says to refer to structural drawings for the light pole base piers. The structural drawings do not show any pier design.

Response: Contractor shall be responsible for designing the light pole foundations for all lift stations requiring area light. Contractor shall be required to have a Professional Structural Engineer licensed in the State of Texas design the foundation for the pole light, and costs associated with the foundation design shall be included in the base bid. Contractor shall refer to changes/revisions on Sheet E-5 (141 of 150).

3. **Question:** Can concrete paving (detail 1 or 2 sheet 118) be utilized around lift stations in lieu of asphalt detail 4?

Response: Yes, concrete pavement, Detail 2 Sheet 118, may be utilized around lift stations in lieu of asphalt Detail 4.

4. **Question:** Since LS#324 must be the first lift station completed before any others and construction waiver approval may take up to 60 days by the 502 Air Base Wing Commander, will contract time be suspended until the waiver is obtained?

Response: Refer to Changes to the Specifications #1, part of this Addendum.

5. **Question:** Who will maintain/monitor the bypass pumps at LS #322 if Air Force One is present?

Response: In the event Air Force One is present during construction at this lift station, Contractor, SAWS and Boeing/JBSA will need to coordinate on how to best perform required bypass operation, maintenance, and monitoring activities.

6. **Question:** Will the contractor be compensated for the delays (extended bypass rent, other equipment rent, etc.), for Air Force One being present?

Response: See Changes to the Specifications #1, part of this Addendum.

7. **Question:** In regard to submitting the proposal, is any email address able to submit a proposal into the SAWS secured File Transfer Protocol (FTP) site?

Response: The Contractor may submit any valid email address to submit their Proposal. So long as that email address can receive emails, the recipient will receive a direct link to the FTP site so that they may submit a Proposal. The FTP site does require a web browser.

8. **Question:** Are we able to have the person submitting the proposal documents be different than the person listed as our recipient?

Response: The Respondent may allow anyone within their firm to submit their proposal by sharing the link and password with that individual.

9. **Question:** Will a form provided by the surety be sufficient to use when submitting a bid bond for this project?

Response: Yes, a bid bond form provided by the surety will be sufficient to use when submitting a bid bond for this project.

10. **Question:** Will there be a bid form and other bid forms published for the new project?

Response: The Bid Line Items form is in pdf and can be found on page 83 of the Contract Documents (Specifications).

11. **Question:** Could ETL be added to ALL wastewater treatment plant specifications in your listing of PVC coated conduit standards?

Response: ETL will not be added to the list of coated conduit standards. No change will be currently made to the acceptance of PVC coated conduit or standards. Material shall comply with manufacturers and conduit specifications as per the Contract Documents for the project.

12. **Question:** Would it be possible for our company to walk the 4 sites with asbestos removal on Wednesday, November 10, 2021?

Response: SAWS will not be conducting site visits for this project. The lead and asbestos reports for the lift stations are posted on the SAWS website for informational purposes, and Respondents are encouraged to review these reports.

13. **Question:** I was wondering if Henry Pratt can be an approved manufacturer for the check valves. Henry Pratt model 8001 is identical to the Mueller model listed in specification 02081 (Mueller owns Henry Pratt).

Response: No changes will be made to the SAWS Approved Products List. Products shall comply with specifications as per the Contract Documents for the project.

14. **Question:** Would the engineer be willing to approve Vent-O-Mat for the air valves/combination air valves on this project? They are on the SAWS approved manufacturers list in the Stand Specification (Page 6). Vent-O-Mat Air valves are available in and will operate as described in the specification.

Response: The Vent-O-Mat 316 ss for the air valves/combination air valves are approved by SAWS Product Standards Committee (PSC) and it is acceptable to be used on the project. Air valves/combination air valves must be made of **316 Stainless Steel** material.

END OF ADDENDUM

This Addendum, including these four (4) pages, is seven (7) pages with attachments in its entirety.

Attachments:

- C-331-2 Proposed Improvements notes
- E-4 Electrical Notes
- E-5 Electrical Notes



 11/12/21

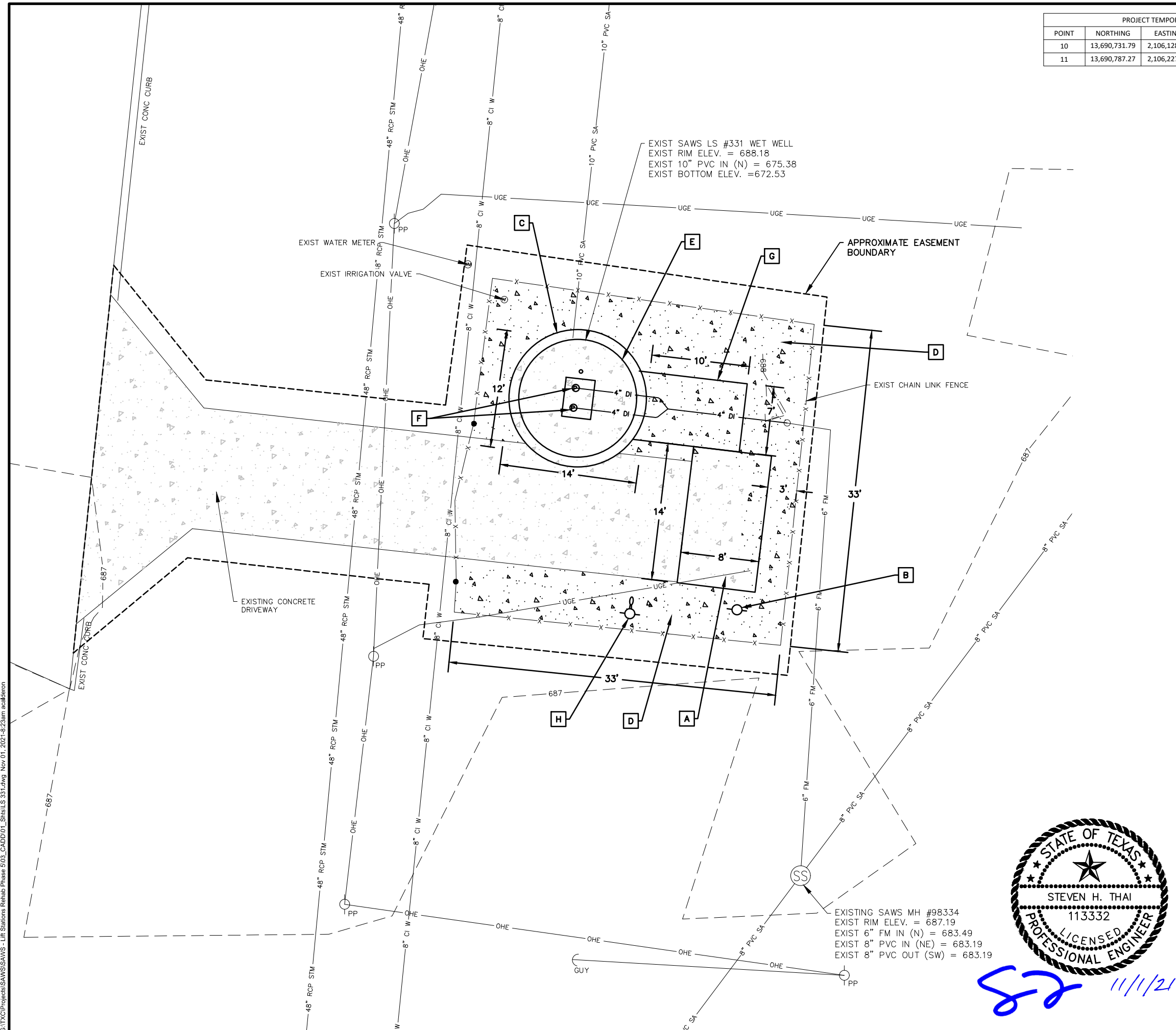
Steven H. Thai, P.E.
BGE, Inc.
TBPE Registration No. F-1046

BGE INC. C:\Users\jshelton\OneDrive\Documents\Projects\SAWS\SAWS - Lift Stations Rehab Phase 5\03_CADD\01_ShtLS_331.dwg Nov 01, 2021 12:23am acalderon

PROJECT TEMPORARY BENCHMARKS				
POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
10	13,690,731.79	2,106,128.67	687.29	NAIL
11	13,690,787.27	2,106,227.14	687.57	NAIL

PROJECT INFORMATION
 LIFT STATION NO.: LS #331
 BUILDING NO. (LOCATION): TRIPLE "S" KELLY USA
 ADDRESS: 738 RAYMOND MEDINA, 78241
 LATITUDE: 29.39296, LONGITUDE: -98.56766
 SAWS BLOCK MAP: 136566
 LOCATED WITHIN 100-YR FLOODPLAIN?: NO

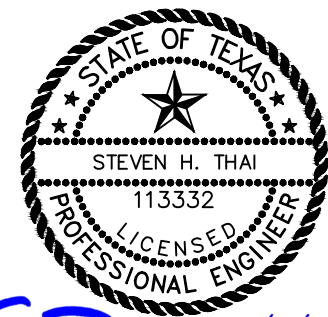
- PROPOSED IMPROVEMENTS**
- [A] INSTALL ELECTRICAL AND SERVICE RACK WITH CONCRETE FOUNDATION, CANOPY, CONTROL PANEL, AND CELLULAR COMMUNICATION.
 - [B] INSTALL METER POLE.
 - [C] INSTALL CONCRETE TOP SLAB WITH ACCESS HATCH AND SAFETY GRATE ON TOP OF WET WELL.
 - [D] INSTALL CONCRETE PAVEMENT (REFER TO DETAIL 11 AND 13 ON SHEET 118).
 - [E] COMPLETE WET WELL REHABILITATION.
 - [F] INSTALL SUBMERSIBLE PUMPS AND DISCHARGE CONNECTIONS.
 - [G] INSTALL CONCRETE PAD FOR ABOVE GROUND PIPING, VALVES, FITTINGS, AND SUPPORTS.
 - [H] INSTALL AREA LIGHT.



LEGEND

- EXIST. WATER MAIN - 8" PVC
- SANITARY SEWER - 6" CP SA
- GAS MAIN - C
- UTILITY POLE LINE - OHE
- OVERHEAD ELECTRIC - OHE
- UNDERGROUND ELECTRIC - UGE
- UNDERGROUND CABLE - UGC
- CONTOUR - 687
- CHAIN LINK FENCE - X
- STORM MAIN - 48" RCP STM
- UNDERGROUND TELE - UT
- SITE PAVEMENT - [Symbol]
- DEMO/REMOVE - [Symbol]

0 5' 10'
 SCALE: 1" = 10'



SH 11/1/21

BGE BGE, Inc.
 7330 San Pedro, Suite 202 San Antonio, Tx 78216
 Tel: 210-581-3600 • www.bgeinc.com
 TBPE Registration No. F-1046

No.	Revision	Drawn	Approved	Date
ADDENDUM NO.1		AJC	SHT	11/01/2021

REVISIONS

LIFT STATIONS REHABILITATION - PHASE 5
 LS #331 - TRIPLE "S" KELLY USA
 PROPOSED SITE PLAN

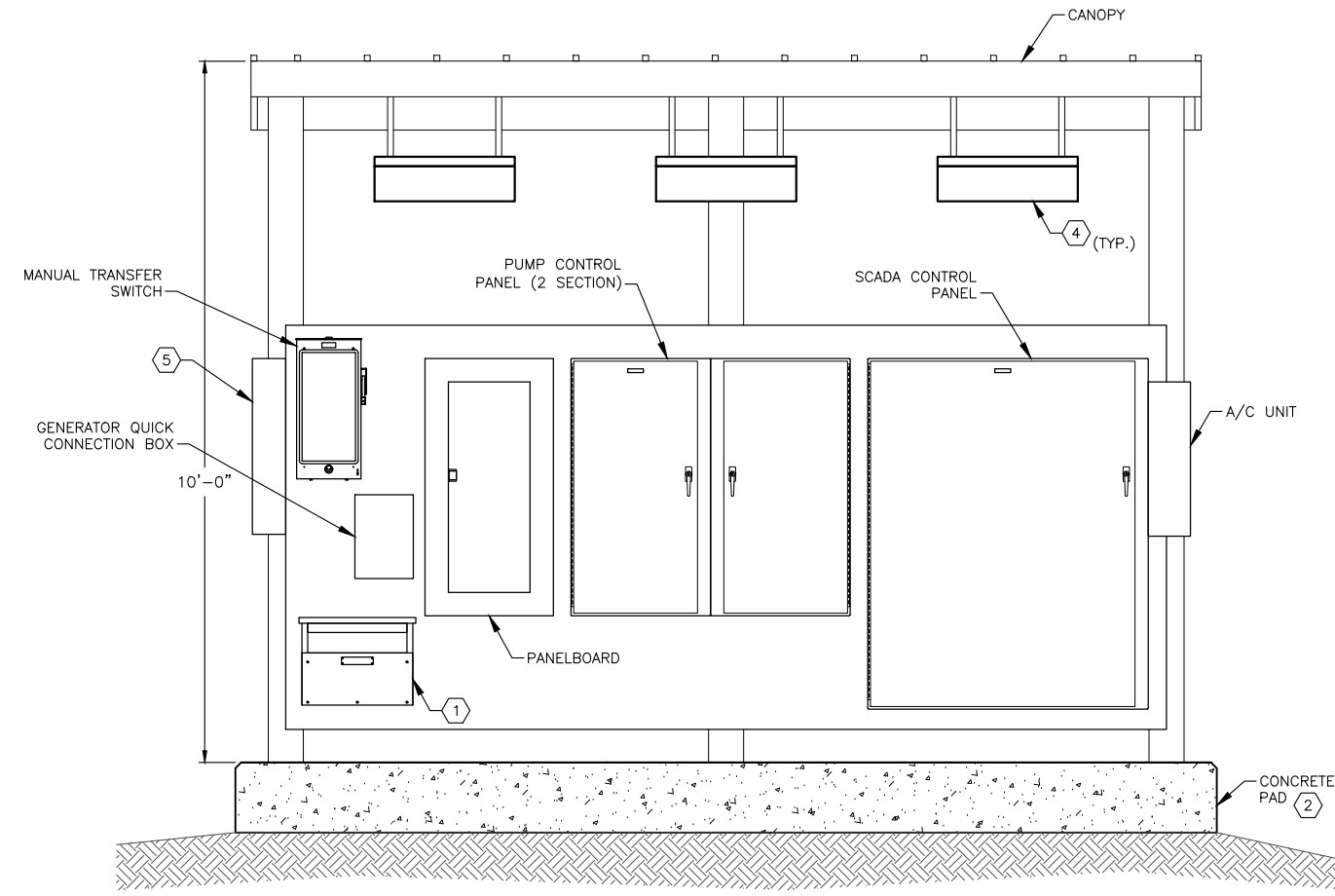
DEVELOPER: _____
 CONT. _____ BUDGET PROJ. _____

SUBMITTED _____
 APPROVED _____

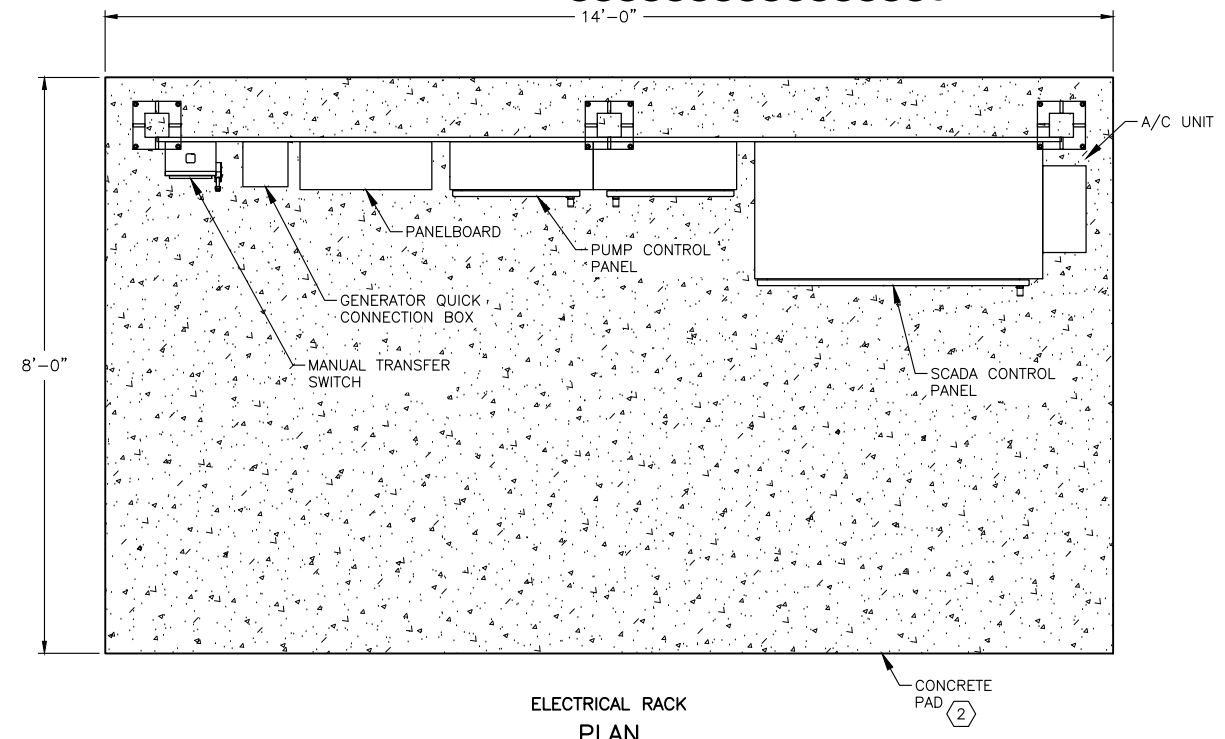
MAP No. 136566 SHEET C-331-2
 SECT. No. _____ 104 OF 150
 DR. AJC [CK. AH] JOB No. 16-2502

- GENERAL NOTES:**
- CONTRACTOR IS RESPONSIBLE FOR DESIGNING THE EQUIPMENT RACK/CANOPY AND THE EQUIPMENT RACK/CANOPY FOUNDATION FOR ALL LIFT STATIONS REQUIRING AN EQUIPMENT RACK/CANOPY AND/OR A RACK FOUNDATION. CONTRACTOR WILL BE REQUIRED TO HAVE A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN THE STATE OF TEXAS DESIGN THE FOUNDATION FOR THE EQUIPMENT RACK/CANOPY AND RACK FOUNDATION, COSTS ASSOCIATED WITH THE RACK/CANOPY AND RACK/CANOPY FOUNDATION DESIGN AND INSTALLATION SHALL BE INCLUDED IN THE BASE BID.
 - ALL STRUCTURAL MEMBERS OF CANOPY SHALL BE SOLIDLY WELDED.
 - INSTALL GUTTERS TO DRAIN STORM WATER.
 - CANOPY STRUCTURE SHALL WITHSTAND WINDS OF UP TO 115 MPH. (ULTIMATE)

- NOTES BY SYMBOL "Ⓢ":**
- STEP DOWN TRANSFORMER LOCATED AT LS #323 AND LS #330.
 - REFER TO STRUCTURAL DRAWINGS FOR PAD DETAILS.
 - ELECTRICAL SLAB FOR LS #321 IS 16' BY 8'.
 - REFER TO E-3 FOR LIGHT FIXTURE SCHEDULE INFORMATION.
 - SERVICE DISCONNECT AT LS-322, LS-323, LS-324, LS-328, AND LS-330 TO BE LOCATED IN THIS LOCATION ON THE END OF RACK.



LIFT STATION ELECTRICAL RACK AND CANOPY
DETAIL A
 3/4" = 1'-0"



ELECTRICAL RACK
PLAN
 3/4" = 1'-0"



04/28/2021

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No.	Revision	Drawn	Approved	Date
Ⓢ	ADDENDUM NO.1	JH	DG	11/01/2021

REVISIONS

LIFT STATIONS REHABILITATION - PHASE 5
TYPICAL ELECTRICAL RACK DETAIL

DEVELOPER:
 CONT. BUDGET PROJ.

SUBMITTED _____

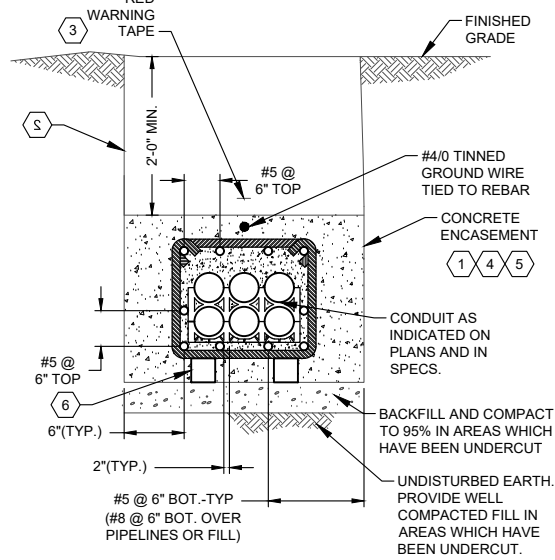
APPROVED _____

MAP No. _____ SHEET E-4
 SECT. No. _____
 DR. SL CK. DG JOB No. 16-2502 140 OF 150

GAI
 Gupta & Associates, Inc.
 CONSULTING ENGINEERING
 Registration No. F-2593

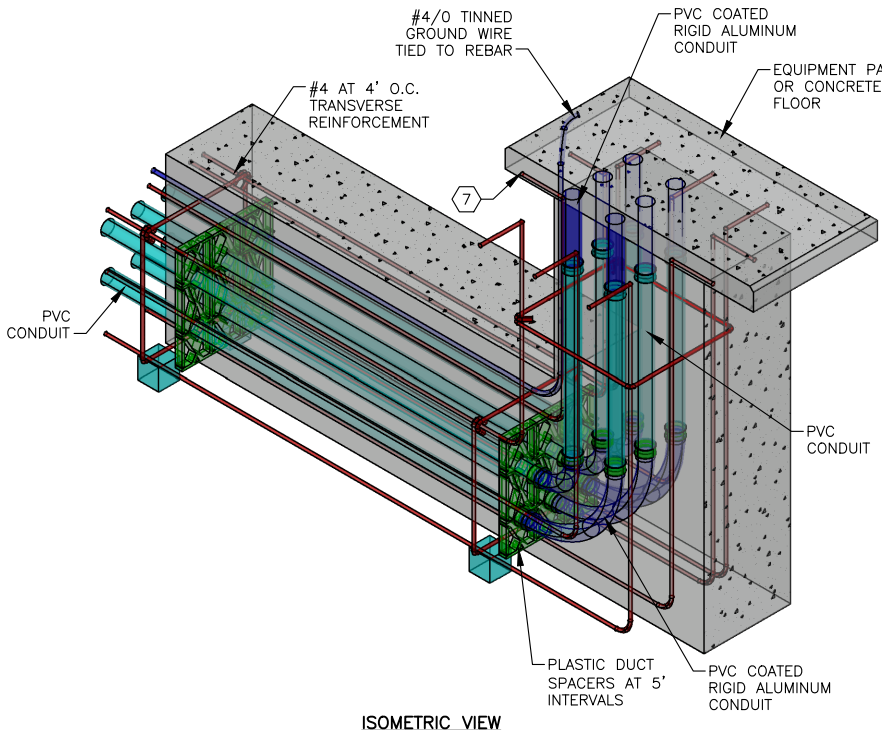
13717 Neutron Road
 Dallas, Texas 75244
 Tel: 972-490-7661
 Fax: 972-490-7125
 email: vkgupta@gaiconsulting.com

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SECTION 1
DUCTBANK
NTS

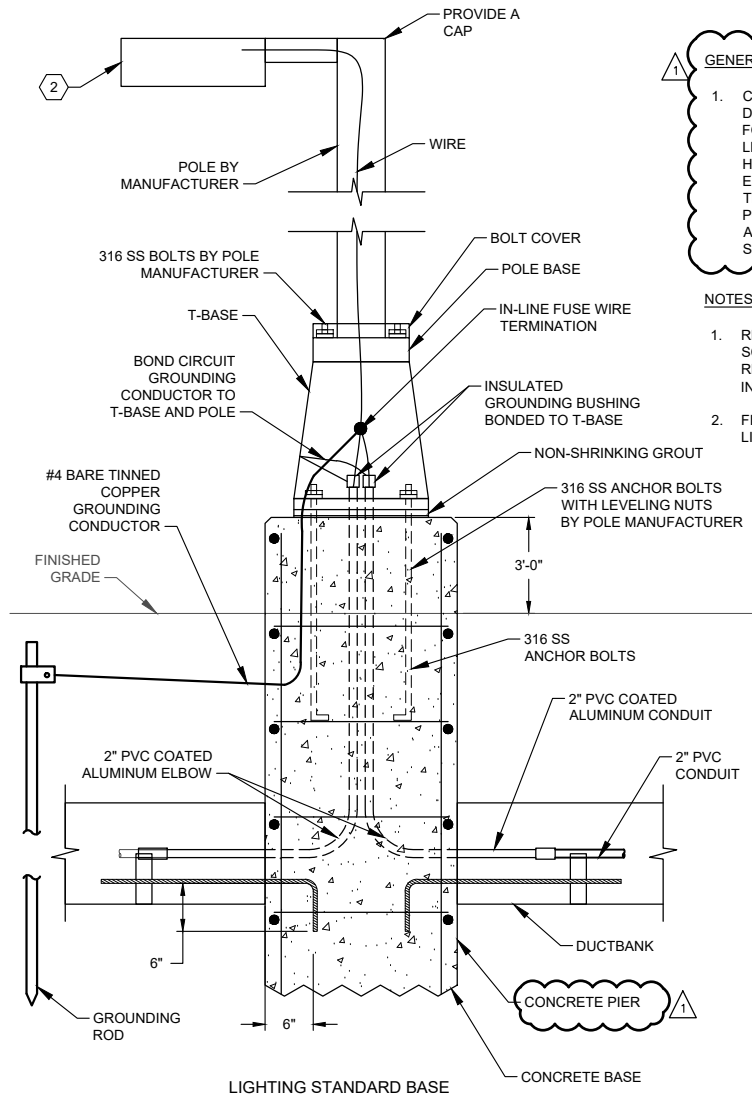
- NOTES BY SYMBOL (#):
1. PROVIDE MIN. 3 INCHES CONCRETE COVER OVER AND UNDER REINFORCEMENT CAGE AND 6 INCHES ON EACH SIDE.
 2. SELECT FILL TO A MINIMUM OF 2 FT. ABOVE DUCTBANK TOP 6" TO BE TOPSOIL. COMPACT ALL BACKFILL IN 8 IN. LIFTS TO 90 PERCENT OF STANDARD PROCTOR (ASTM D 698) DENSITY, UNLESS UNDER EXISTING OR PROPOSED PAVEMENT, OTHER UNDERGROUND UTILITIES, OR STRUCTURES. IF DUCT BANK IS UNDER EXISTING OR PROPOSED PAVEMENT, OTHER UNDERGROUND UTILITIES, OR STRUCTURES, COMPACT ALL BACKFILL IN 8 IN. LIFTS TO 95 PERCENT OF STANDARD PROCTOR DENSITY.
 3. REFER TO SPEC SECTION 26 60 00 FOR ADDITIONAL REQUIREMENTS.
 4. REFER TO CONCRETE SPECIFICATIONS FOR MIX DESIGN.
 5. RED DYE TO BE MIXED IN CONCRETE BEFORE PLACEMENT.
 6. 3"x3" CMU BLOCK TWO ON EACH SIDE MINIMUM TO SUPPORT REBAR CASE PLACED 5'-0" ON CENTER.
 7. REBAR EMBEDDED IN EQUIPMENT PAD OR CONCRETE FLOOR MINIMUM OF 6".



ISOMETRIC VIEW

REINFORCED CONCRETE ENCASED CONDUIT DUCTBANK

DETAIL E01
NTS

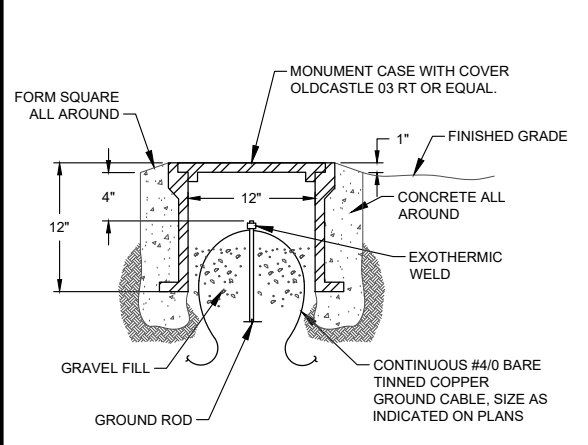


DETAIL E02
LIGHTING STANDARD BASE
NTS

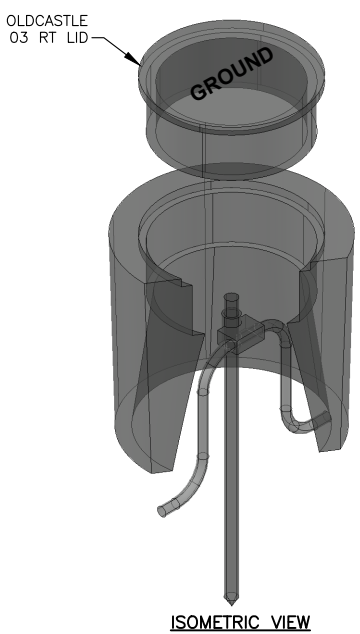
GENERAL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR DESIGNING THE LIGHT POLE FOUNDATIONS FOR ALL LIFT STATIONS REQUIRING AN AREA LIGHT. CONTRACTOR WILL BE REQUIRED TO HAVE A PROFESSIONAL STRUCTURAL ENGINEER REGISTERED IN THE STATE OF TEXAS DESIGN THE FOUNDATION FOR THE POLE LIGHT AT EACH SITE REQUIRED. COSTS ASSOCIATED WITH THE FOUNDATION DESIGN SHALL BE INCLUDED IN THE BASE BID.

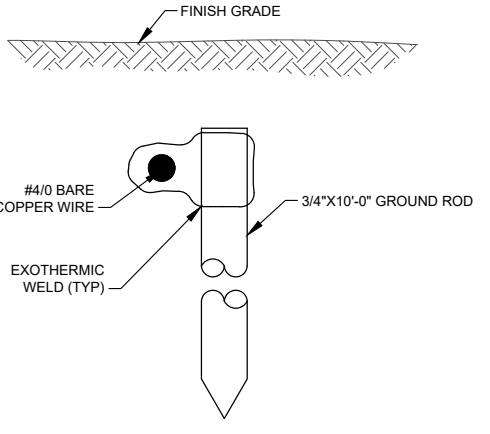
- NOTES BY SYMBOL (#):
1. REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC REQUIREMENTS AT EACH INSTALLATION.
 2. FIXTURES AS REQUIRED IN LIGHTING SCHEDULE.



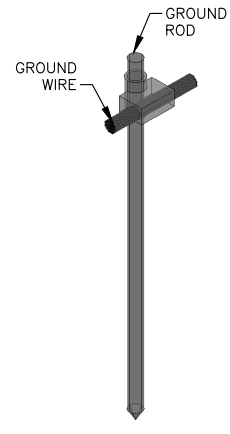
DETAIL E03
GROUND ROD AND WELL
NTS



ISOMETRIC VIEW



DETAIL E04
GROUND BUS CONNECTION TO GROUND ROD
NTS



ISOMETRIC VIEW



04/28/2021

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ADDENDUM NO.1	JH	DG	11/01/2021	
No.	Revision	Drawn	Approved	Date
REVISIONS				

LIFT STATIONS REHABILITATION - PHASE 5
ELECTRICAL DETAILS - 1

DEVELOPER: _____
CONT. _____ BUDGET PROJ. _____
SUBMITTED _____
APPROVED _____

MAP No.	SHEET
SECT. No.	E-5
DR. SL	CK. DG
JOB No. 16-2502	141 OF 150

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CONSULTING ENGINEERING
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