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**ADDENDUM NO. 1**

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**March 13, 2025**

**Bid Opening Date: March 20, 2025**

**Bid Opening Time: 2:00 P.M.**

**Project: City Critical Facilities Generators Project  
TDEM HMZGP 4332-0126**

**Owner: City of Taft, Texas**

**Engineer: Ardurra Group, Inc. (T.B.P.E. No. F-10053)**

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This document represents changes to be made to the Contract Documents and Technical Specifications and/or Plans for the above referenced Project. Receipt of this Addendum must be acknowledged on the Bid Proposal by contractors before submitting bids for this Project.

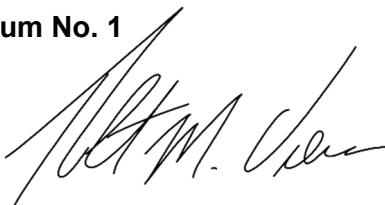
**Contract Documents, Plans and Specifications:**

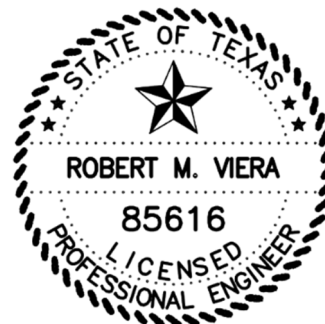
1. Please replace the Original Bid Proposal with the attached Revised Bid Proposal dated March 13, 2025.
2. The proposed generator locations shall be per the site plans issued.
3. All four (4) generator sites shall include 4 each concrete bollards around each generator. Please see detail attached. This item shall be subsidiary to the appropriate bid item(s).
4. Please replace Plan Sheets ES1.0, E1.0, E1.1, and E2.0 for the Community Center (Kiva Hut) Generator with the attached revised Plan Sheets with change date of 03/12/2025.
5. The Contractor shall provide at the Water Treatment Plant (WTP) Generator a diesel tank subbase tank (doubled wall meeting TCEQ containment requirements) sized for a minimum 48-hour run time.

The changes described above constitute all of the changes made to date to the Documents and Technical Specifications and/or Plans and the changes shown herein shall become part of the Contract Documents of the Project.

**End of Addendum No. 1**

Approved by:

  
Robert M. Viera, P.E., R.P.L.S.



**BID PROPOSAL**

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Proposal of \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

a \* \_\_\_\_\_ (hereinafter called "BIDDER"), organized and existing under the laws of the State of Texas to **City of Taft, Texas** (hereinafter called "OWNER.")

BIDDER hereby proposes to perform all WORK for the construction of the "**City Critical Facilities Generators Project**" in accordance with the CONTRACT DOCUMENTS, within the time set forth therein, and at the prices stated below.

By submission of this BID, each BIDDER certifies, and in the case of a joint BID each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication, or agreement as to any matter relating to this BID with any other BIDDER or with any competitor.

BIDDER hereby agrees to commence WORK under this contract on or before a date to be specified in the NOTICE TO PROCEED and to fully complete the PROJECT within **365** consecutive calendar days thereafter. BIDDER further agrees to pay as liquidated damages, the sum of **\$500.00** for each consecutive calendar day thereafter as provided in the General Conditions.

BIDDER acknowledges receipt of the following ADDENDUM:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

\*Insert "a corporation", "a partnership", or "an Individual" as applicable.  
BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following amount:

**BID SCHEDULE**

<b>ITEM</b>	<b>QUANTITY</b>	<b>UNIT</b>	<b>DESCRIPTION</b>	<b>UNIT PRICE</b>	<b>TOTAL PRICE</b>
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BIDDER agrees to perform all the work described in the CONTRACT DOCUMENTS for the following amount:

**BASE BID: PART A: WATER TREATMENT PLANT GENERATOR**

A-1	LS		<b>PROVIDE AND INSTALL GENERATOR &amp; ATS SYSTEM AT THE WATER TREATMENT PLANT TO INCLUDE CONCRETE FOUNDATION MEETING ALL TDI WINDSTORM REQUIREMENTS (TDI CERTIFICATION BY CONTRACTOR) (*SEE NOTE BELOW) &amp; ALL NECESSARY ELECTRICAL/CONTROLS MEETING ALL FEDERAL, STATE, LOCAL CODES AND REGULATIONS</b> per plans and specifications, complete in place per <u>lump sum</u> .		
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**BASE BID (PART A) TOTAL: \$** \_\_\_\_\_

**ADDITIVE ALTERNATIVE NO. 1: PART B: COMMUNITY CENTER GENERATOR**

B-1	LS		<b>PROVIDE AND INSTALL GENERATOR &amp; ATS SYSTEM AT THE COMMUNITY CENTER/FIRE DEPARTMENT TO INCLUDE CONCRETE FOUNDATION MEETING ALL TDI WINDSTORM REQUIREMENTS (TDI CERTIFICATION BY CONTRACTOR) (*SEE NOTE BELOW) &amp; ALL NECESSARY ELECTRICAL/CONTROLS MEETING ALL FEDERAL, STATE, LOCAL CODES AND REGULATIONS</b> per plans and specifications, complete in place per <u>lump sum</u> .		
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**ADD ALT NO. 1 (PART B) TOTAL:\$** \_\_\_\_\_

**ADDITIVE ALTERNATIVE NO. 2: PART C: POLICE DEPARTMENT GENERATOR**

C-1	LS	<p><b>PROVIDE AND INSTALL GENERATOR &amp; ATS SYSTEM AT THE POLICE DEPARTMENT TO INCLUDE CONCRETE FOUNDATION MEETING ALL TDI WINDSTORM REQUIREMENTS (TDI CERTIFICATION BY CONTRACTOR) (*SEE NOTE BELOW) &amp; ALL NECESSARY ELECTRICAL/CONTROLS MEETING ALL FEDERAL, STATE, LOCAL CODES AND REGULATIONS</b></p> <p>per plans and specifications, complete in place per <u>lump sum</u>.</p>	_____
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**ADD ALT NO. 2 (PART C) TOTAL:\$** \_\_\_\_\_

**ADDITIVE ALTERNATIVE NO. 3: PART D: CITY HALL GENERATOR**

D-1	1	LS	<p><b>PROVIDE AND INSTALL GENERATOR &amp; ATS SYSTEM AT CITY HALL TO INCLUDE CONCRETE FOUNDATION MEETING ALL TDI WINDSTORM REQUIREMENTS (TDI CERTIFICATION BY CONTRACTOR) (*SEE NOTE BELOW) &amp; ALL NECESSARY ELECTRICAL/CONTROLS MEETING ALL FEDERAL, STATE, LOCAL CODES AND REGULATIONS</b></p> <p>per plans and specifications, complete in place per <u>lump sum</u>.</p>	_____
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**ADD ALT NO. 3 (PART D) TOTAL:\$** \_\_\_\_\_

**TOTAL BASE BID + ADD ALTS #1-3 (PART A+B+C+D):\$** \_\_\_\_\_

***\*Note: The Generator Concrete Foundation shall be sized to accommodate the specific generator footprint and shall be 8" thick with #4 Bars @ 12" OCEW with minimum 3000 PSI concrete. The pad and anchoring shall meet manufacturer's recommendations and TDI Windstorm requirements. The contractor is responsible for providing the TDI Windstorm Certifications on each generator.***

The BIDDER, in compliance with the invitation for bids for **City Critical Facilities Generators Project** for the City of Taft, Texas, having examined the plans and specifications with related documents and the site of the proposed work, and being familiar with all of the conditions surrounding the construction of the proposed project, including the availability of materials and labor, hereby proposes to furnish all labor, materials and supplies, and to construct the project in accordance with the contract documents, within the time set forth herein. These price(s) are to cover all expenses incurred in performing the work required under the contract documents, of which this proposal is a part. These price(s) are firm and shall not be subject to adjustment provided this Proposal is accepted within ninety (90) days after the time set for receipt of proposals.

BIDDER hereby agrees to commence work under this contract on or before a date to be specified in a written "Notice to Proceed" to be issued by the City and to substantially complete within **365** consecutive calendar days as stipulated in the specifications. BIDDER further agrees to pay as liquidated damages, the sum \$500.00 for each consecutive calendar day.

I hereby acknowledge the receipt of the following addenda:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_

SUBCONTRACTORS. The undersigned BIDDER proposes that he will be responsible to perform major portions of the work at the project site with his own forces and that specific portions of the work not performed by the undersigned will be subcontracted and performed by the following subcontractors.

Type of Work Subcontracted	Name of Subcontractor

The undersigned hereby declares that he has visited the site and has carefully examined the contract documents relative to the work covered by the above bid.

Respectfully Submitted:

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Signature

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Address

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Title

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Date

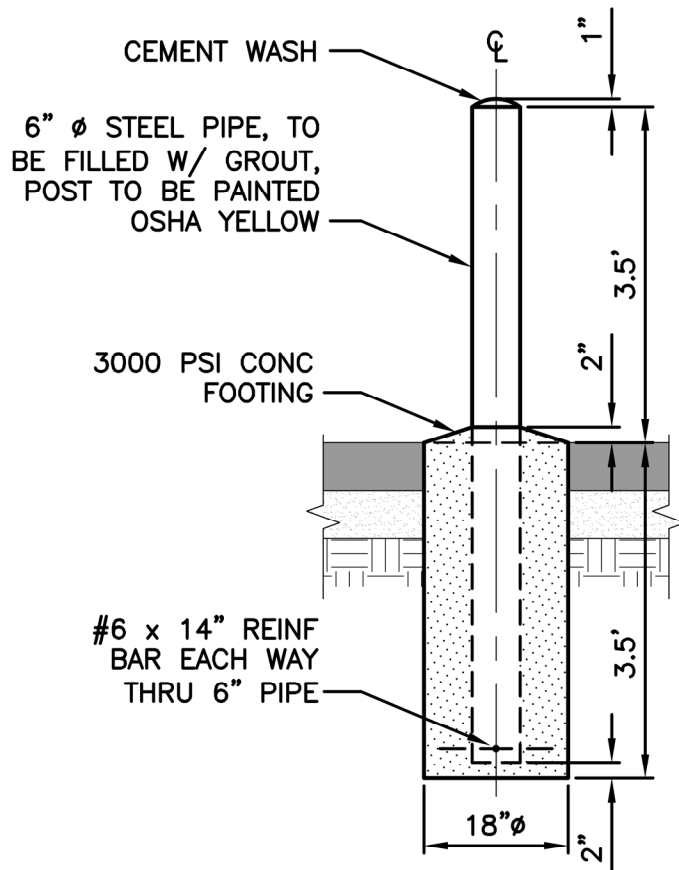
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License number (if applicable)

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Date

Seal - (if BID is by a corporation)



1 TYPICAL BOLLARD DETAIL  
SCALE: N.T.S.

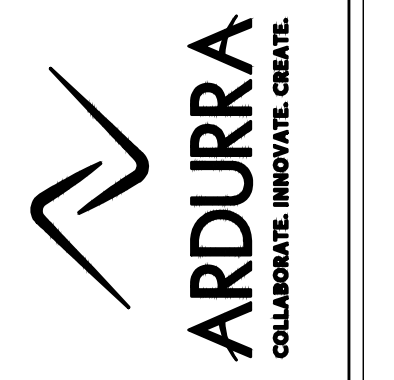
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ISSUES / REVISIONS

NO.	DATE	DESCRIPTION	BY

CITY OF TAFT - GENERATOR PROJECTS  
 FIRE DEPARTMENT & COMMUNITY CENTER (KIVA HUT)  
 502 VICTORIA AVENUE TAFT, TEXAS 78390

801 Navigation Suite 300  
 Corpus Christi, Texas 78408  
 Phone: (361) 883-1984  
 www.ardurra.com  
 Engineering License #E-10053  
 Adam D. Groat, Inc.  
 State of Texas  
 Architectural Firm BR-5160

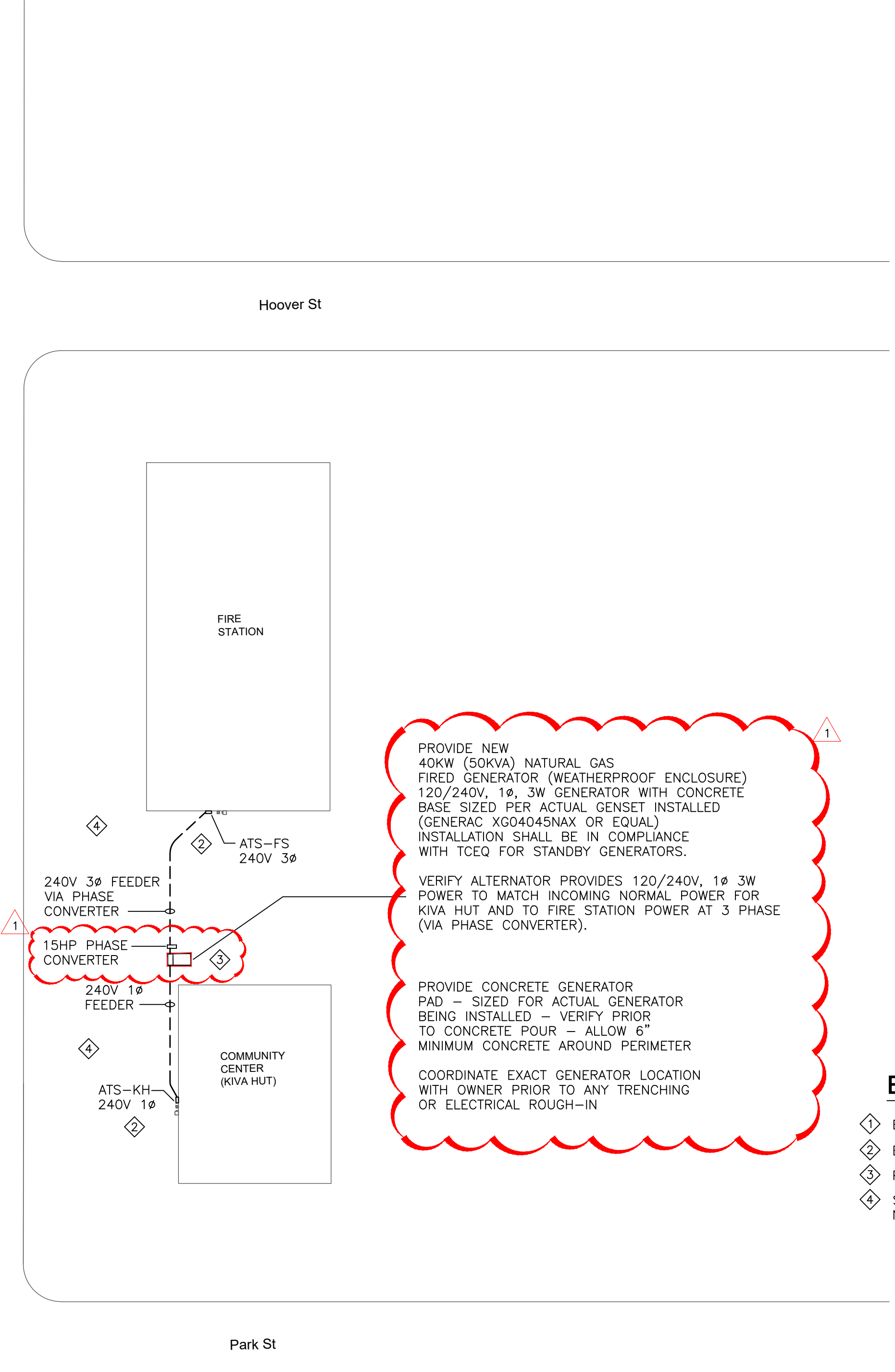


DRAWING NO.: ES1.0  
 DRAWN BY: CJ  
 CHECKED BY: TJ  
 APPROVED BY: TJ  
 JOB NO.:

### ELECTRICAL LEGEND

NOTE: NOT ALL SYMBOLS MAY APPLY TO THIS PROJECT - SEE LIGHTING AND POWER FLOOR PLANS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
B-2	HOMERUN TO CIRCUIT AND PANEL INDICATED	⊖	SINGLE RECEPTACLE - 125V,20A,1P	T	DOOR BELL/BUZZER TRANSFORMER	AC	ABOVE COUNTER		
	NEUTRAL CONDUCTOR	⊖	ISOLATED GROUND SINGLE RECEPTACLE - 125V,20A,1P	C	CAMERA	EW	ELECTRIC WATER HEATER		
+	HOT CONDUCTOR	⊖	DUPLEX RECEPTACLE - 125V,20A,1P (FLOOR MOUNTED)	F	FIRE ALARM PULL STATION	E.C.	ELECTRICAL CONTRACTOR		
+	GROUNDING CONDUCTOR	⊖	JUNCTION BOX, SIZED PER N.E.C.	F	FIRE ALARM AUDIO/VISUAL SIGNAL	NL	NIGHT LIGHT - ON 24 HOURS		
+	TRAVELER	⊖	SPEAKER	V	FIRE ALARM ADA VISUAL SIGNAL	△	120V, 1P EQUIPMENT CONNECTION		
+	SWITCH LEG	⊖	HUMIDIFIER OUTLET BOX WITH 3/4"C. TO ACCESSIBLE LOCATION ABOVE CEILING	R	FIRE ALARM SHUT DOWN RELAY	⊖	240V, 1P EQUIPMENT CONNECTION		
(2)	NUMBER IN PARENTHESIS INDICATES CIRCUIT TO WHICH DEVICE IS CONNECTED	⊖	THERMOSTAT OUTLET BOX WITH 3/4"C. TO ACCESSIBLE LOCATION ABOVE CEILING	S	SMOKE DETECTOR	⊖	240V, 3P EQUIPMENT CONNECTION		
\$	TOGGLE SWITCH - 120/277V, 20A	⊖	CLOCK OUTLET	S <sub>D</sub>	DUCT MTD. SMOKE DETECTOR	⊖	208V, 1P EQUIPMENT CONNECTION		
\$3	THREEWAY SWITCH - 120/277V, 20A	⊖	TELEPHONE OUTLET BOX WITH 3/4"C. TO ACCESSIBLE LOCATION ABOVE CEILING	H	HEAT DETECTOR	⊖	208V, 3P EQUIPMENT CONNECTION		
\$4	FOURWAY SWITCH - 120/277V, 20A	⊖	DATA/TELEPHONE OUTLET BOX WITH 3/4"C. TO ACCESSIBLE LOCATION ABOVE CEILING	F	FIRE ALARM PULL STATION W/STI 1100 STOPPER II W/HORN	⊖	277V, 1P EQUIPMENT CONNECTION		
\$D	DIMMER SWITCH, WATTAGE AS SPECIFIED	⊖	DATA OUTLET BOX WITH 3/4"C. TO ACCESSIBLE LOCATION ABOVE CEILING	TS	TAMPER SWITCH	⊖	480V, 3P EQUIPMENT CONNECTION		
\$K	KEY SWITCH - 120/277V, 20A	⊖	TELEVISION OUTLET BOX WITH 3/4"C. TO ACCESSIBLE LOCATION ABOVE CEILING	FS	FLOW SWITCH	⊖	480V, 1P EQUIPMENT CONNECTION		
\$M	MANUAL MOTOR STARTER/1P DISCONNECT	⊖	PUSHBUTTON	A	ANSUL SUPPRESSION SYSTEM	□	DISCONNECT SWITCH - SIZE AND POLE AS NOTED		
⊖	DUPLEX RECEPTACLE - 125V,20A,1P	⊖	DOOR BELL/BUZZER	DR	FIRE ALARM DOOR RELEASE	☒	COMBINATION STARTER/DISCONNECT SWITCH		
⊖	GROUND FAULT INTERRUPTER DUPLEX RECEPTACLE 125V,20A,1P	⊖	OCCUPANCY SENSOR - CEILING MOUNT	CC	DOOR CONTACTOR ROUGH-IN WITH 3/4" C TO ACCESSIBLE LOCATIONS ABOVE CEILING.	☒	STARTER		
⊖	ISOLATED GROUND RECEPTACLE - 125V,20A,1P	⊖	VACANCY SENSOR - CEILING MOUNT	GB	GLASS BREAK	■	PANELBOARD AS SPECIFIED		
⊖	SINGLE RECEPTACLE - 250V, AMPS PER PANEL SCHEDULE	⊖	VACANCY SENSOR - WALL MOUNT	K	KEYPAD (ROUGH-IN W/3/4"C TO ACCESSIBLE LOCATIONS ABOVE CEILING)	FACP	FIRE ALARM CONTROL PANEL		
⊖	QUADRAPLEX RECEPTACLE - 125V,20A,1P	\$vac	VACANCY SENSOR - WALL MOUNT	HD	HAND DRYER	Q	EXHAUST FAN		
⊖	ISOLATED GROUND QUADRAPLEX RECEPTACLE - 125V,20A,1P					H	2-2" C WALL PENETRATION 1 FOR CURRENT USE 1 CAPPED FOR FUTURE USE		



PROVIDE NEW 40KW (50KVA) NATURAL GAS FIRED GENERATOR (WEATHERPROOF ENCLOSURE) 120/240V, 1Ø, 3W GENERATOR WITH CONCRETE BASE SIZED PER ACTUAL GENSET INSTALLED (GENERAC XG0404SNAX OR EQUAL) INSTALLATION SHALL BE IN COMPLIANCE WITH TCEQ FOR STANDBY GENERATORS.

VERIFY ALTERNATOR PROVIDES 120/240V, 1Ø 3W POWER TO MATCH INCOMING NORMAL POWER FOR KIVA HUT AND TO FIRE STATION POWER AT 3 PHASE (VIA PHASE CONVERTER).

PROVIDE CONCRETE GENERATOR PAD - SIZED FOR ACTUAL GENERATOR BEING INSTALLED - VERIFY PRIOR TO CONCRETE POUR - ALLOW 6" MINIMUM CONCRETE AROUND PERIMETER

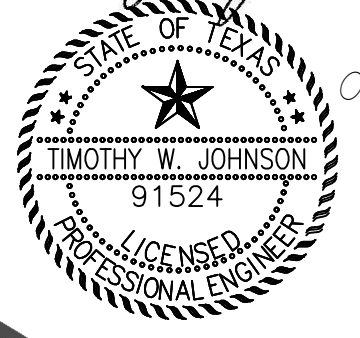
COORDINATE EXACT GENERATOR LOCATION WITH OWNER PRIOR TO ANY TRENCHING OR ELECTRICAL ROUGH-IN

**ELECTRICAL (NEW WORK) SITE PLAN KEY NOTES:**

- ⊖ EXISTING AEP POWER POLE - SEE RISER DIAGRAM & NOTES. SITE VERIFY ALL CONDITIONS AND OBSTRUCTIONS PRIOR TO ANY TRENCHING.
- ⊖ ELECTRICAL SERVICE ENTRANCE EQUIPMENT, METERING & SECONDARY FEEDER, SEE RESPECTIVE ELECTRICAL RISER DIAGRAM & NOTES.
- ⊖ PROVIDE - NEW (2) ATS'S & NATURAL GAS GENERATOR - SEE RISER DIAGRAM & NOTES.
- ⊖ SITE VERIFY ALL CONDITIONS PRIOR TO BID OR ANY ELECTRICAL ROUGH-IN. CONTRACTOR SHALL PROVIDE STANDBY GENERATOR SYSTEM INCLUDING ALL NECESSARY ELECTRICAL FOR A COMPLETED INSTALLATION.

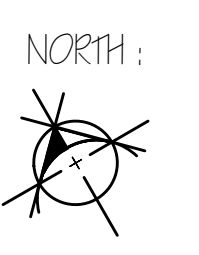
03/12/25  
 CHANGE GENSET FROM 40KVA 3Ø TO 40KVA 1Ø AND ADD PHASE CONVERTER

*Timothy W. Johnson*

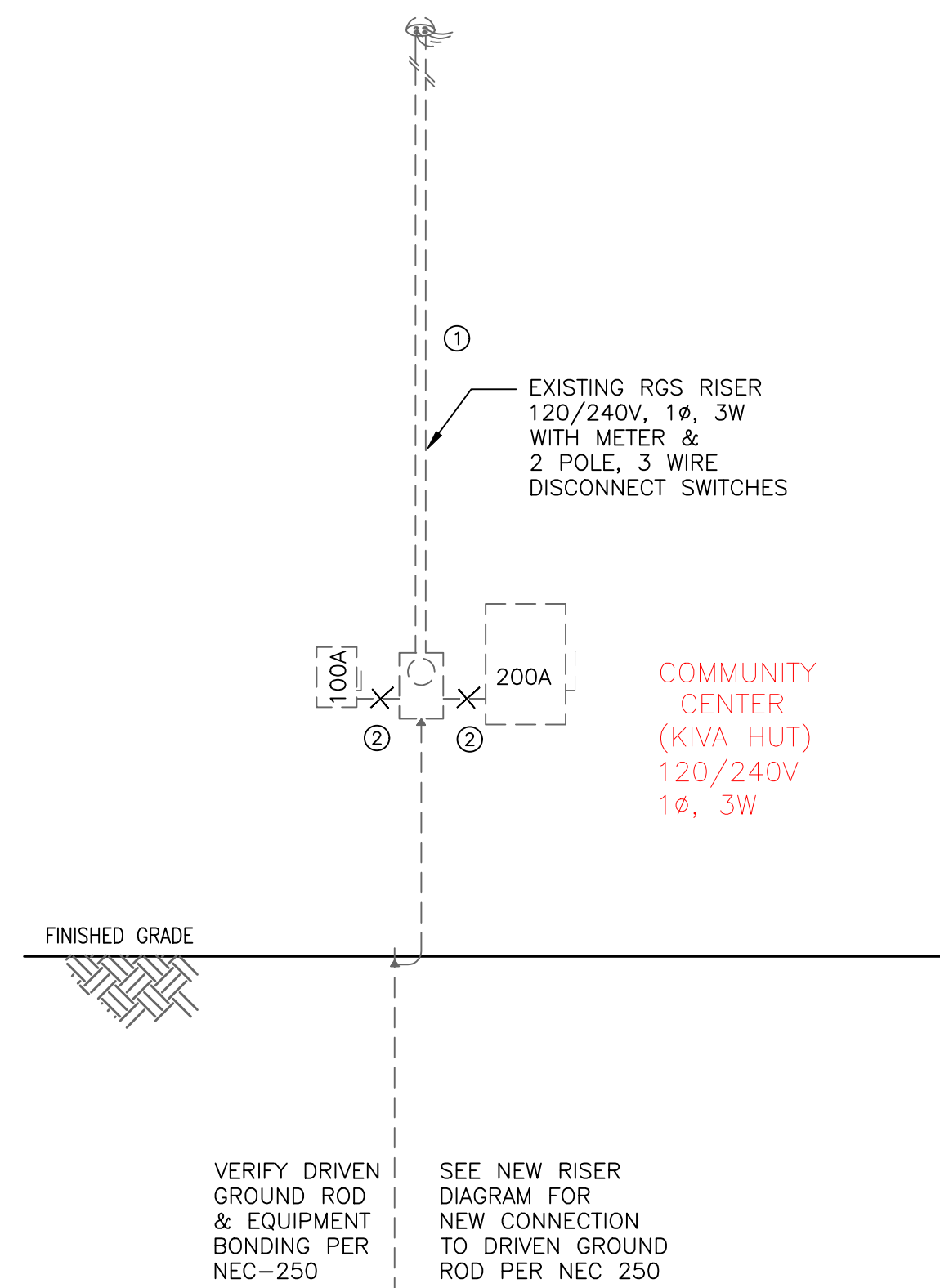


125 Poesta Dr., Portland, TX 78374  
 (361) 813-4948 timbo623g@hotmail.com  
 Texas Engineering Firm #12480

**1 ELECTRICAL SITE PLAN**  
 ES1.0 SCALE: 1" = 30' 0"



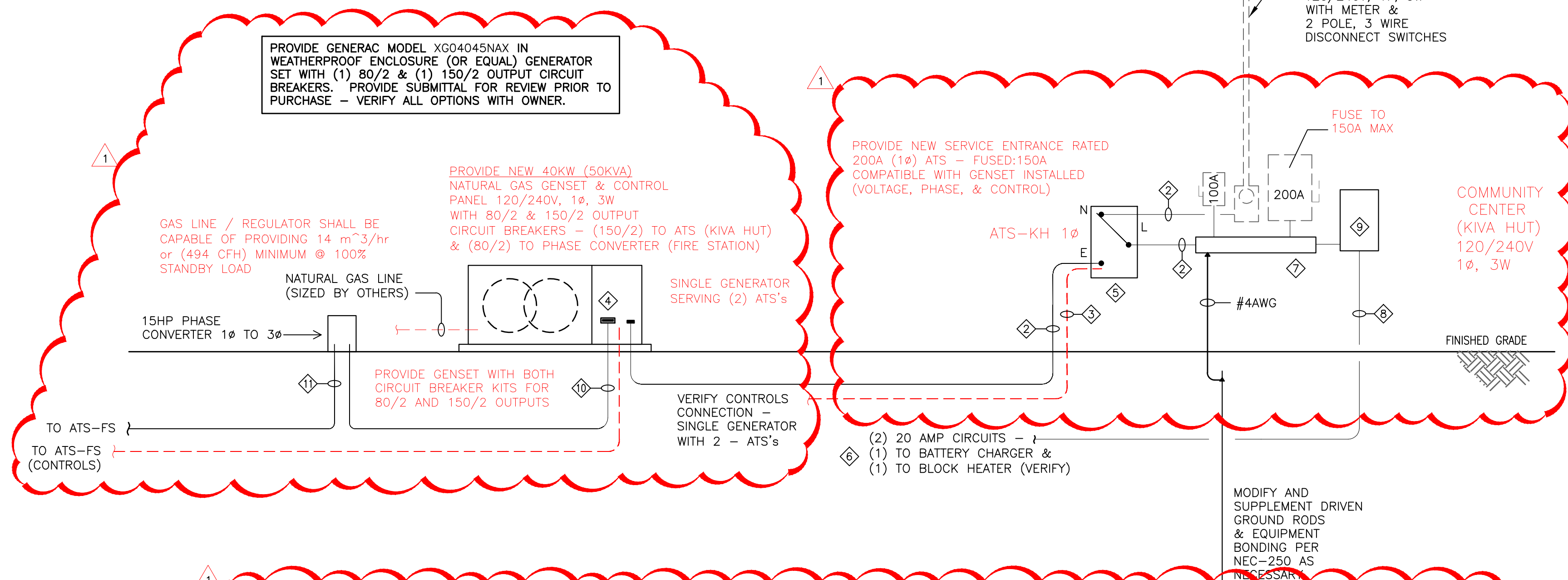




**(EXISTING) RISER DIAGRAM KEY NOTES:**

- ① EXISTING AEP POLE WITH WEATHERHEAD. RGS RISER, METER, AND FUSED DISCONNECT SWITCHES (120/240V, 3Ø, 4W) HIGH LEG DELTA SERVICE ENTRANCE. SEE NEW RISER DIAGRAM FOR NEW CONNECTIONS.
- ② REMOVE EXISTING FEEDER FROM METER TO RESPECTIVE DISCONNECT SWITCH - REPLACE WITH NEW AS SHOWN IN NEW RISER DIAGRAM, NEW ROUTE TO ATS.

**1 EXISTING ELECTRICAL RISER DIAGRAM - COMMUNITY CENTER**  
SCALE: NTS



**(NEW) RISER DIAGRAM KEY NOTES:**

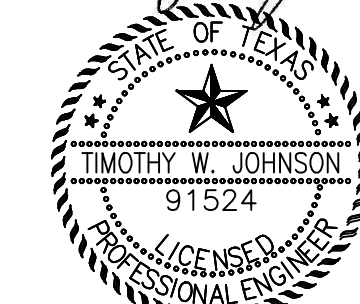
- ① EXISTING METER, RISER, AND WEATHERHEAD, FIELD VERIFY ALL CONDITIONS PRIOR TO BID OR ANY WORK. PROVIDE NEW WIRING GUTTER - SEE EXISTING RISER & NOTES.
- ② PROVIDE 3#1/0, #6G, 2" C.
- ③ PROVIDE CONTROL WIRING AS REQUIRED FROM (MAIN) 1Ø ATS @ KIVA HUT TO FIRE STATION ATS. VERY INSTALLATION WITH ACTUAL EQUIPMENT PROVIDED (WIRING DIAGRAMS).
- ④ SEE NOTE 4 ON SHEET E1.1 FOR OUTPUT CIRCUIT BREAKERS ON GENSET - 80/2 CB FOR FEED TO (PHASE CONVERTER - FIRE STATION) & 150/2 CB FOR FEED TO COMMUNITY CENTER.
- ⑤ PROVIDE 200A, 240V, 1Ø, 3 WIRE, 2 POLE, FUSED:150A AUTOMATIC TRANSFER SWITCH (SERVICE ENTRANCE RATED) - COMPATIBLE WITH GENERATOR SET INSTALLED. PROVIDE COMPLETE CONTROL WIRING FROM ATS CONTROL PANEL TO GENERATOR CONTROL PANEL (OR OTHER ATS AS NECESSARY). COORDINATE ALL REQUIREMENTS WITH SPECIFIC GENSET INSTALLED.
- ⑥ VERIFY REQUIREMENTS OF BATTERY CHARGER AND BLOCK HEATER PRIOR TO ANY ELECTRICAL ROUGH-IN. PROVIDE NEW CIRCUITS AS NECESSARY TO FEED BATTERY CHARGER AND BLOCK HEATER AT NEW GENSET, INCLUDING FEEDER AND OCPD. SEE PANEL SCHEDULE 'LL'.
- ⑦ PROVIDE NEW WIRING GUTTER PER NEC FILL REQUIREMENTS FOR ACTUAL CONDUCTORS INSTALLED (20% FILL). REWORK EXISTING FEEDERS AS NECESSARY FOR RECONNECTION TO NEW FEEDERS IN NEW WIRING GUTTER. PROVIDE NEW TAP CONDUCTORS AS NECESSARY.
- ⑧ SIZE (2) FEEDERS PER LOAD (OCPD) AND MOCB OF DEVICE INSTALLED (BATTERY CHARGER OR BLOCK HEATER).
- ⑨ PROVIDE 6 POSITION, 120/240V, 1Ø, 3W PANEL 'LL' (LOAD CENTER), SEE PANEL 'LL' SCHEDULE & ELECTRICAL MOUNTING RACK.
- ⑩ PROVIDE 3#3, #8G, 1 1/2" C.
- ⑪ PROVIDE 4#8, #10G, 1" C.

**2 NEW ELECTRICAL RISER DIAGRAM - COMMUNITY CENTER**  
SCALE: NTS

ONE (1) GENERATOR  
SUPPLIES TWO ATS's  
SEE ELECTRICAL SITE PLAN

① 03/12/25  
CHANGE GENSET FROM  
40KVA 3Ø TO 40KVA 1Ø AND  
ADD PHASE CONVERTER

*Timothy W. Johnson*



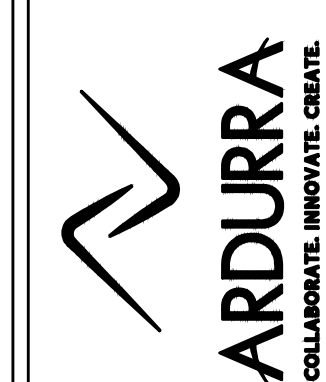
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ISSUES / REVISIONS	NO.	DATE	DESCRIPTION	BY

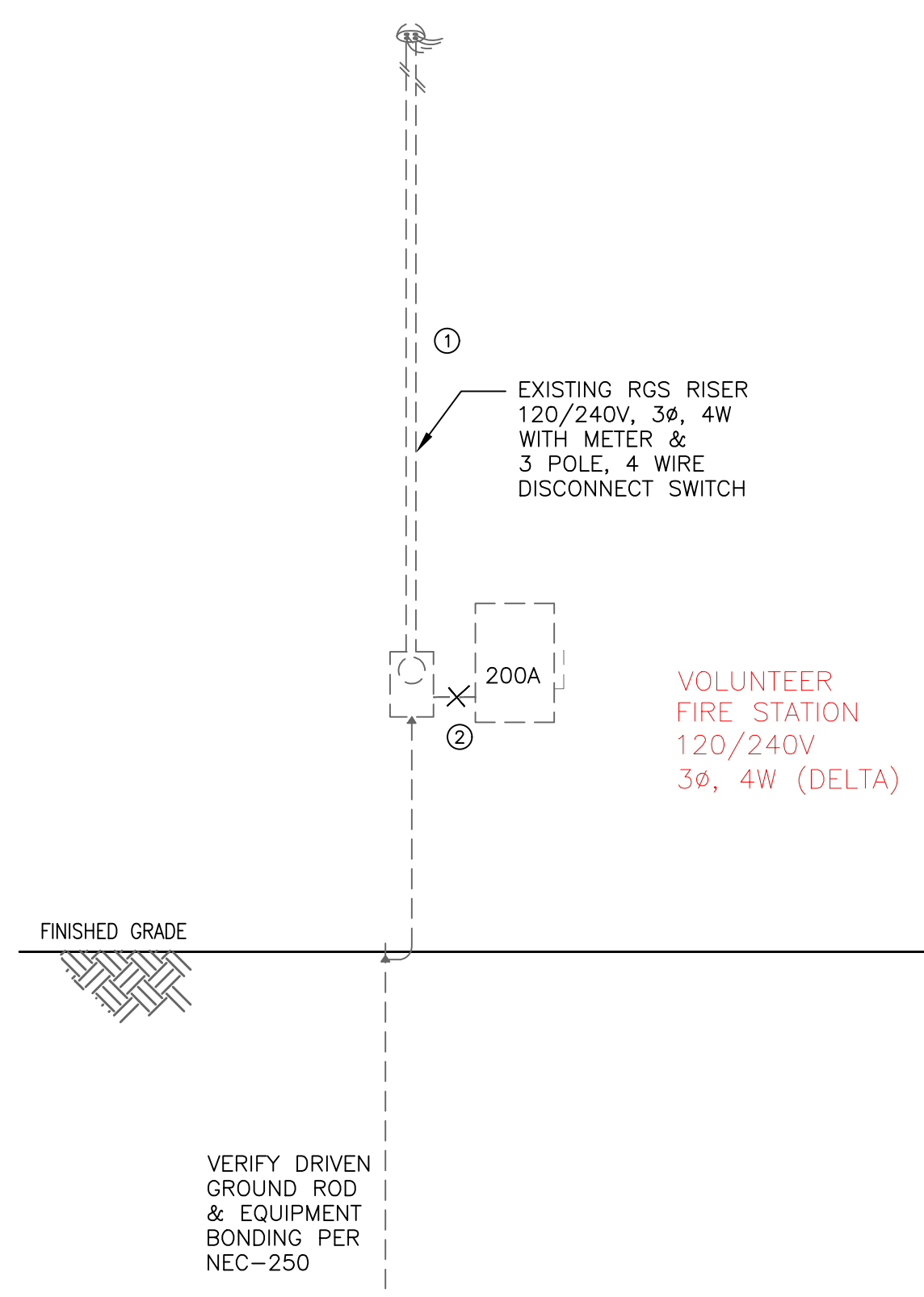
CITY OF TAFT - GENERATOR PROJECTS  
FIRE DEPARTMENT & COMMUNITY CENTER (KIVA HUT)  
502 VICTORIA AVENUE TAFT, TEXAS 78390

801 Navigation Suite 300  
Corpus Christi, Texas 78408  
Phone: (361) 983-1984  
www.ardurra.com  
Arduzza Group, Inc.  
Professional Engineer  
Architectural Firm BR-5160



DRAWING NO.:  
**E1.0**  
DRAWN BY: CJ  
CHECKED BY: TJ  
APPROVED BY: TJ  
JOB NO.:

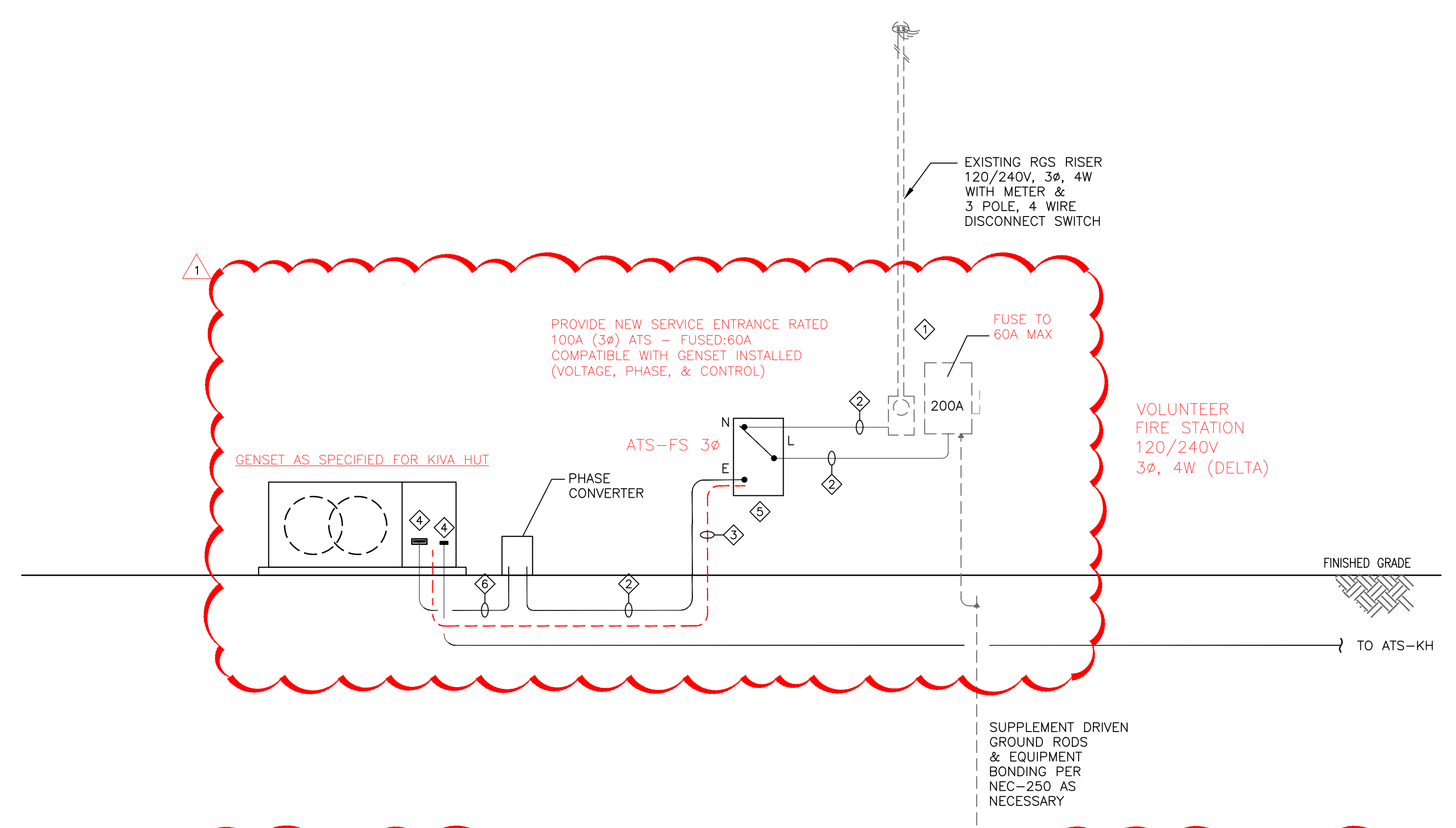
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**(EXISTING) RISER DIAGRAM KEY NOTES:**

- ① EXISTING AEP POLE WITH WEATHERHEAD. RGS RISER, METER, AND FUSED DISCONNECT SWITCHES (120/240V, 3Ø, 4W) HIGH LEG DELTA SERVICE ENTRANCE. SEE NEW RISER DIAGRAM FOR NEW CONNECTIONS.
- ② REMOVE EXISTING FEEDER FROM METER TO MAIN SWITCH - REPLACE WITH NEW AS SHOWN IN NEW RISER DIAGRAM, NEW ROUTE TO ATS.

**1** EXISTING ELECTRICAL RISER DIAGRAM - FIRE STATION  
E1.0 SCALE: NTS



**(NEW) RISER DIAGRAM KEY NOTES:**

- ① EXISTING METER, RISER, AND WEATHERHEAD, FIELD VERIFY ALL CONDITIONS PRIOR TO BID OR ANY WORK. PROVIDE NEW WIRING GUTTER - SEE EXISTING RISER & NOTES.
- ② PROVIDE 4#6 #8G, 1 1/2"Ø.
- ③ PROVIDE CONTROL WIRING AS REQUIRED FROM 1Ø ATS (KIVA HUT) TO FIRE STATION 3Ø ATS (VIA PHASE CONVERTER), VERIFY INSTALLATION WITH ACTUAL EQUIPMENT PROVIDED (WIRING DIAGRAMS).
- ④ PROVIDE CONNECTION TO RESPECTIVE OUTPUT CIRCUIT BREAKER AT NEW 40KW (50KVA) GENSET. PROVIDE GENSET WITH 60/2 CB FOR FEED TO FIRE STATION (VIA PHASE CONVERTER) & 150/2 CB FOR FEED TO COMMUNITY CENTER ATS (KIVA HUT). SITE VERIFY ALL CONDITIONS PRIOR TO ANY ELECTRICAL ROUGH-IN.
- ⑤ PROVIDE 100A, 240V, 3Ø, 4 WIRE, 3 POLE, FUSED:60A AUTOMATIC TRANSFER SWITCH (SERVICE ENTRANCE RATED) - COMPATIBLE WITH GENERATOR SET INSTALLED. PROVIDE COMPLETE CONTROL WIRING FROM ATS CONTROL PANEL TO GENERATOR CONTROL PANEL. COORDINATE ALL REQUIREMENTS WITH SPECIFIC GENSET INSTALLED.
- ⑥ PROVIDE 3#3, #8G, 1 1/2"Ø.

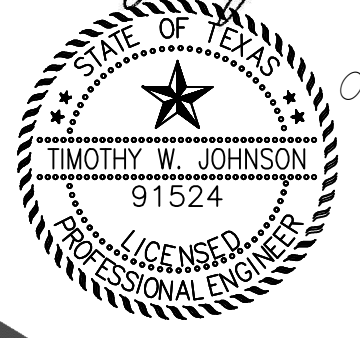
**2** NEW ELECTRICAL RISER DIAGRAM - FIRE STATION  
E1.0 SCALE: NTS

PANEL 'LL'											
60 AMP, M.C.B., 120/240V, 1 PH, 3W, SURFACE, NEMA-3R, 22 KAIC											
CKT #	LOAD SERVED	LOAD	CONDUIT & WIRE SIZE	BKR SIZE	A	B	BKR SIZE	CONDUIT & WIRE SIZE	LOAD	LOAD SERVED	CKT #
1	BATTERY CHARGER (GENERATOR)	1500	#12AWG	20/1	A		20/1			SPARE	2
3	BLOCK HEATER (GENERATOR)	2000	#12AWG	20/1		B	20/2			SPARE	4
5	SPACE		#12AWG	20/1	A						6

CONNECTED LOAD = 3500 VA      PHASE A = 2000 VA      PHASE B = 1500 VA

① 03/12/25  
CHANGE GENSET FROM 40KVA 3Ø TO 40KVA 1Ø AND ADD PHASE CONVERTER

*Timothy W. Johnson*



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(361) 813-4948 timbo623g@hotmail.com  
Texas Engineering Firm #12480

ISSUES / REVISIONS		DATE	NO.	DESCRIPTION	BY

CITY OF TAFT - GENERATOR PROJECTS  
FIRE DEPARTMENT & COMMUNITY CENTER (KIVA HUT)  
502 VICTORIA AVENUE TAFT, TEXAS 78390

801 Navigation Suite 300  
Corpus Christi, Texas 78408  
Phone: (361) 883-1984  
www.ardurra.com  
Engineering License #E-10053  
S. Adam Gossard, Inc.  
Professional Engineer  
Architectural Firm BR-5160



DRAWING NO.:	E1.1
DRAWN BY:	CJ
CHECKED BY:	TJ
APPROVED BY:	TJ
JOB NO.:	

