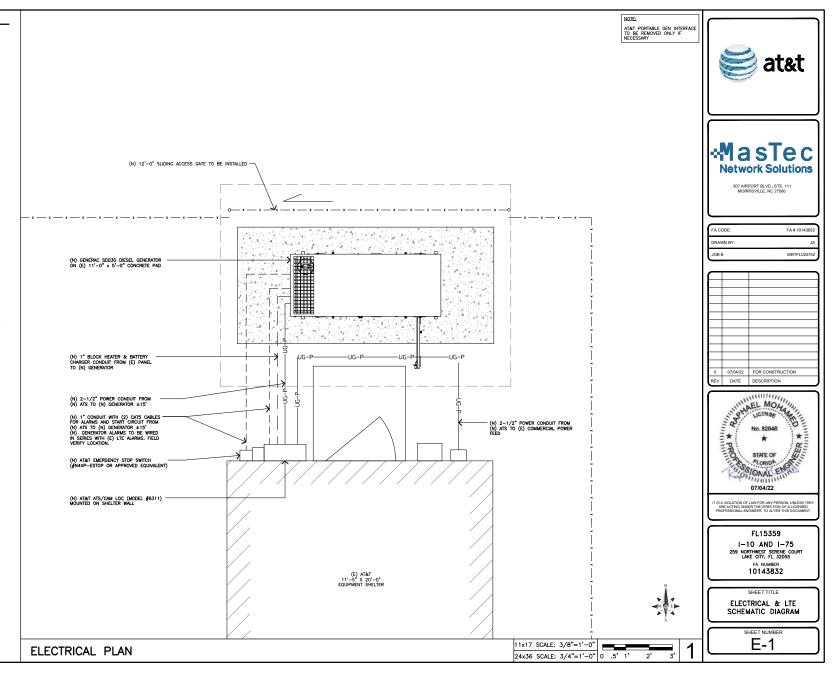
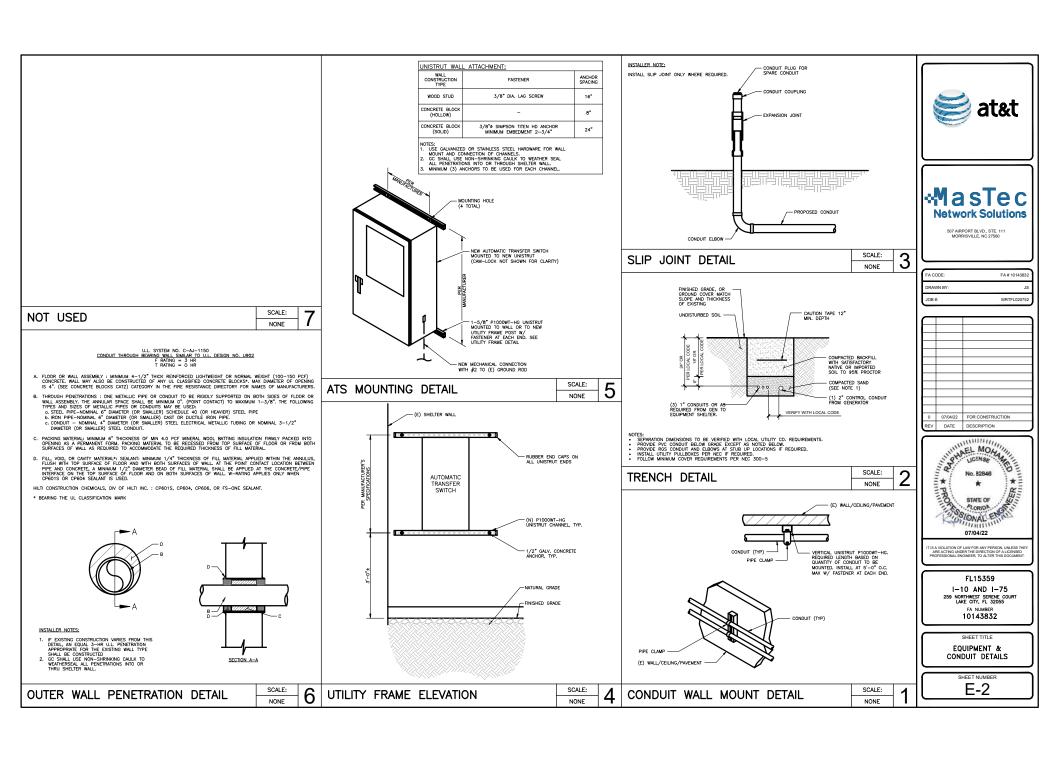
NOTES AND SPECIFICATIONS

- ALL ELECTRICAL WORK SHALL COMPLY WITH NEC, STATE, AND LOCAL CODES.
- CONTRACTOR SHALL OBTAIN OWNER/TENANT SPECIFICATIONS AND REVIEW FOR ADDITIONAL DETAILS AND REQUIREMENTS THAT MAY NOT BE SHOWN IN THESE DRAWINGS. CONTRACTOR SHALL COMPLY WITH ANY ADDITIONAL OWNER/TENANT SPECIFICATIONS AND REQUIREMENTS.
- CONTRACTOR SHALL COORDINATE WITH THE ELECTRIC UTILITY FOR THE EXACT TRANSFORMER LOCATION, METERING REQUIREMENTS, AND SERVICE ROUTING. CONTRACTOR SHALL COORDINATE WITH THE TELEPHONE UTILITY FOR THE EXACT TELEPHONE REQUIREMENTS AND SERVICE ROUTING.
- 4. PRIOR TO PURCHASING EQUIPMENT, THE CONTRACTOR SHALL CONTACT THE ELECTRIC COMPANY AND OPENN IN WRITING THE CONTRACT HE ELECTRIC COMPANY AND OPENN IN WRITING THE CONTRACTOR SHALL ENGINE ALL ELECTRICAL EDUIPMENT, CREUIT BREAKERS, DISCONNECTS, FUSES, AND PANELBOARDS HAVE A FAULT CURRENT HEREITING RATING GREATER THAN THE AVAILABLE FAULT CURRENT, IN NO CASE SHALL THE FAULT CURRENT HITERHEITING FARING BELLES THAN 10,000 AMPS.
- CONTRACTOR TO PROVIDE 2-200 LB TEST POLYETHYLENE PULL CORDS SECURELY FASTENED AT EACH END OF POWER AND TELCO CONDUIT. PROVIDE CAPS ON END OF UNUSED CONDUIT.
- CONTRACTOR TO PROVIDE A REBAR MARKER WITH AT LEAST 2 FEET EXPOSED ABOVE GRADE AND PAINTED BRIGHT ORANGE TO INDICATE LOCATION OF CONDUIT CAPPED BELOW GRADE.
- PRIOR TO TRENCHING CONTRACTOR SHALL LOCATE ALL EXISTING UNDERGROUND UTILITIES. CONTRACTOR SHALL REPAIR AT CONTRACTOR'S EXPENSE ANY DAMAGE TO EXISTING UTILITIES.
- CONTRACTOR TO VERIFY EXACT ROUTING OF POWER AND TELCO
 CONDUIT WITH LOCAL UTILITIES AND OWNER/TENANT. ENSURE ALL
 CONDUIT STUB-UPS ACCOMMODATE EQUIPMENT REQUIREMENTS.
- UNDERGROUND CONDUITS SHALL BE SCHEDULE 40 PVC UNLESS NOTED OTHERWISE, USE SCHEDULE 80 PVC UNDER ROADS.
- 10. CONDUIT RUNS SHALL HAVE A CONTINUOUS SLOPE DOWNWARDS AND AWAY FROM THE EQUIPMENT TO ALLOW WATER TO FLOW AWAY FROM THE EQUIPMENT AND SHETTER. EXCAVATE TRENCHES ALONG STRAIGHT LINES PRIOR TO INSTALLING CONDUIT TO ACCOMMODATE ADJUSTING THE ELEVATION, AS NEEDED.
- CONDUIT ENTERING EQUIPMENT SHALL BE SEALED WITH A SEALANT THAT IS IDENTIFIED FOR USE WITH THE CABLE/CONDUCTOR INSULATION, SHIELDING, ETC.
- 12. THE OWNER SHALL FURNISH AND THE CONTRACTOR SHALL INSTALL ADDITIONAL SIGNAGE TO BE LOCATED AT THE COMPOUND FENCE. CONTRACTOR SHALL COORDINATE WITH OWNER/TEAMT CONSTRUCTION MANAGER FOR PLACEMENT OF SIGNAGE.
- 13. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO THE LANDSCAPING AREA.
- 14. CONTRACTOR TO ENSURE A MIN. 3' CLEARANCE IN FRONT OF ELECTRICAL PANELS PER NEC.
- ALL ELECTRICAL MATERIALS, DEVICES, APPLIANCES AND EQUIPMENT SHALL BE LABEL TESTED BY AN APPROVED THIRD PARTY TESTING AGENCY.

CONDUCTOR COLOR CODE		
SYSTEM	CONDUCTOR	COLOR
120/240V, 19	A PHASE	BLACK
	B PHASE	RED
	NEUTRAL	WHITE
	GROUND	GREEN
120/208V, 3#	A PHASE	BLACK
	B PHASE	RED
	C PHASE	BLUE
	NEUTRAL	WHITE
	GROUND	GREEN
277/4804, 36	A PHASE	BROWN
	B PHASE	ORANGE OR PURPLE
	C PHASE	YELLOW
	NEUTRAL	GREY
	GROUND	GREEN
DC VOLTAGE	POS (+)	RED**
DU VOLTAGE	NEG (-)	BLACK**
	* SEE NEC 210.5(C)(1) AND (2) ** POLARITY MARKED AT TERMINATION	







SCALE: LOAD CALCULATIONS NONE

GENERATOR ALARM IDENTIFICATION CHART		
NAME	DESCRIPTION	
CF	CRITICAL FAILURE	
FL	FUEL LEAK OVERFILL	
GR	GENERATOR RUNNING	
FL	LOW FUEL	
MAF	MAJOR FAULT	
MF	MINOR FAULT	
FL	GEN FUEL LEAK TANK WHT/SLATE	
NOTE: CONTRACTOR TO LABEL WIRES W/ P-TOUCH OR SIMILAR		

ALAM REQUIREMENTS
ATAT FEGURES FOLIP ALAMMS CONFRINED WORKING: NORMALLY
QUOEN DUTI-FREE CONTACT FOR:

1. CENERATOR FAIL

2. CENERATOR FAIL

3. LOW FUEL

4. FUEL LEAK

COURT OF SAMERATOR MA

- COLOR CODE
 GENERATOR:
 A. CABLE (2) CATS
 B. COLOR CODE

RECTIFIER #6

RECTIFIER #7

RECTIFIER #7

- COLOR CODE

 1. GENERATOR RUN ALARM PORT #14 (ORANGE & WHITE)

 2. GENERATOR FAIL ALARM PORT #15 (BLUE & WHITE)

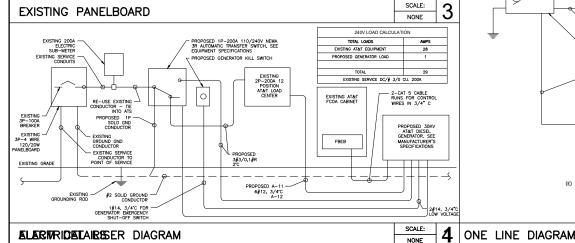
 3. LOW FUEL ALARM (PORT P32) ON I/O BOARD (GREEN & . WHITE) LY NO HANDWRITTEN LABELS. WHITE) 4. FUEL LEAK - P32 ON I/O BOARD) (BROWN & WHITE)
- AUTOMATIC TRANSFER SWITCH (IF APPLICABLE)
 A CARLE COUTS
 1. COMMERCIAL POWER FAIL IF REQUIRED (BLUE WHITE)
 2. TRANSFER SWITCH POSITION (BROWN WHITE)
 CAN LOCK ALACLE cotts
 B. COLOR COURSELES AND BEHAVIOR (CRANCE WHITE)
- 1. PORTABLE GENERATOR RUNNING (ORANGE WHITE) (IF REQUIRED)

SCALE: 2 ALARM DETAILS NONE PANELBOARD DIRECTORY - 120/240 V - 200 AMP RECTIFIER #8 30 RECTIFIER #13(OPTIONAL) RECTIFIER #1 SPARE RECTIFIER #8 32 RECTIFIER #14(OPTIONAL) RECTIFIER #9 RECTIFIER #14(OPTIONAL) RECTIFIER #1 SPARE RECTIFIER #9 HVAC | 37 | RECTIFIER #10(OPTIONAL) | 38 | RECTIFIER #15(OPTIONAL) | 39 | RECTIFIER #10(OPTIONAL) | 40 | RECTIFIER #16(OPTIONAL) | RECTIFIER #2 RECTIFIER #3 HVAC 41 EXTERIOR RECEPTACLE 42 RECTIFIER #16(OPTIONAL) RECTIFIER #3 SPARE RECTIFIER #4 INTERIOR RECEPTACLE RECTIFIER #4 INTERIOR LIGHTS RECTIFIER #5 EXTERIOR LIGHTS RECTIFIER #5 RECTIFIER #11(OPTIONAL) RECTIFIER #6 RECTIFIER #11(OPTIONAL)

RECTIFIER #12(OPTIONAL)

RECTIFIER #12(OPTIONAL)

RECTIFIER #13(OPTIONAL)



NOTES:

- ALL NEW CONDUCTORS TO BE INSTALLED SHALL BE COPPER ALL CONDUCTORS SHALL BE THHW, THWN, THWN-2, XHHW, OR XHHW-2 UNLESS NOTED OTHERWISE.
- CONTRACTOR IS TO FIELD VERIFY ALL EXISTING ITEMS SHOWN ON THE ELECTRICAL ONE-LINE DIAGRAM AND NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
- 3. ALL GROUNDING AND BONDING PER THE NEC.

INSTALLER NOTE:

CONTRACTOR TO VERIFY EXISTING LOAD PANEL AND INSTALL NEW 20A BREAKER FOR BLOCK HEATER AND NEW 20A BREAKER FOR BATTERY CHARGER (IF REQUIRED).

INSTALLER NOTES:

- I. THE GENERATOR SIZE HAS BEEN DETERMINED BY ATAT BASED ON AN INTERNAL LOAD ANALYSS OF THEIR EQUIPMENT. THE GENERATOR SIZE WAS REPORTED AND ANALYSS OF THEIR EQUIPMENT, THE GENERATOR SIZE WAS REPORTED AND ANALYSE OF THE STEEL CONFIGURATION DIETS NOT EXCEED THE MANUFACTURER POWER RATING OF THE SPECIFIED GENERATOR EXCEED THE MANUFACTURER POWER RATING OF THE SPECIFIED GENERATOR SIZE OF TRUCKING OF THE SPECIFIED SERVER OF READING OF THE SPECIFIED SERVER OF READING AND CONSULT ATAT ENGINEERING MANAGER PRICE TO PROCEEDING WITH GENERATOR INSTALLATION.





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DRAWN BY:	JS
JOB#:	MRTFL020752





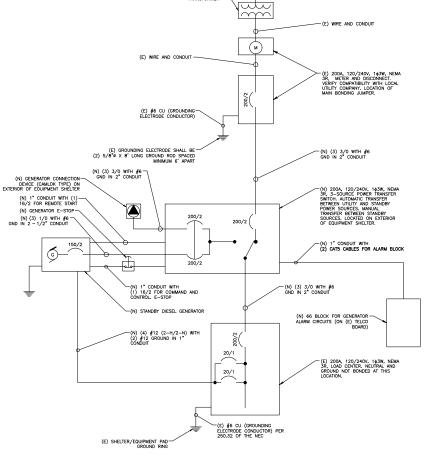
FL15359 I-10 AND I-75 259 NORTHWEST SERENE COURT LAKE CITY, FL 32055 FA NUMBER 10143832

ALARM DETAILS & ONE LINE DIAGRAM

> SHEET NUMBER E-3

SCALE:

NONE



(E) UTILITY COMPANY 120/240V, 1¢3W,