

# LITTLE ST. JAMES GENERATOR AND R.O BUILDING ROOFING PROJECT

PARCEL NOS. A,B AND C  
LITTLE ST JAMES U.S.V.I

## MODIFICATION TO CZT-53-04L



PREPARED BY

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### INDEX OF DRAWINGS

A0.0	COVER SHEET
C0.0	EXISTING CONDITIONS SITE PLAN
C1.0	SITE PLAN
C2.0	SITE DETAILS
S0.0	STRUCTURAL NOTES/LEGEND
S1.0	FOUNDATION PLAN
S1.1	SLAB PLAN
A-1A10	EXISTING FIRST FLOOR PLAN BUILDING A
A-1A11	PROPOSED FIRST FLOOR PLAN BUILDING A
A-2A10	PROPOSED SECOND FLOOR PLAN BUILDING A
A-3A10	PROPOSED ROOF PLAN BUILDING A
B-1A10	EXISTING FIRST FLOOR PLAN BUILDING B
B-2A10	PROPOSED SECOND FLOOR PLAN BUILDING B
B-3A10	PROPOSED ROOF PLAN BUILDING B
A-A20	BUILDING A ELEVATIONS
A-A21	BUILDING A ELEVATIONS
B-A20	BUILDING B ELEVATIONS
B-A21	BUILDING B ELEVATIONS
A3.0	CROSS SECTION BUILDING B
A3.1	CROSS SECTION BUILDING A
A3.2	CROSS SECTION
A3.3	CROSS SECTION
A4.0	SCHEDULE
A5.0	WALL DETAILS
A5.1	WALL DETAILS
M0.0	SCHEDULES AND NOTES
M0.1	HVAC DETAILS
M-1A11	FIRST FLOOR HVAC PLAN BUILDING A
M-2A10	SECOND FLOOR HVAC PLAN BUILDING A
M-2B10	SECOND FLOOR HVAC PLAN BUILDING B
E0.0	ELECTRICAL NOTES AND LEGEND
E0.1	ELECTRICAL PANELS
A-1E10	FIRST FLOOR POWER AND LIGHTING PLAN BUILDING A
A-2E10	SECOND FLOOR POWER AND LIGHTING PLAN BUILDING A
B-2E10	SECOND FLOOR POWER AND LIGHTING PLAN BUILDING B





























































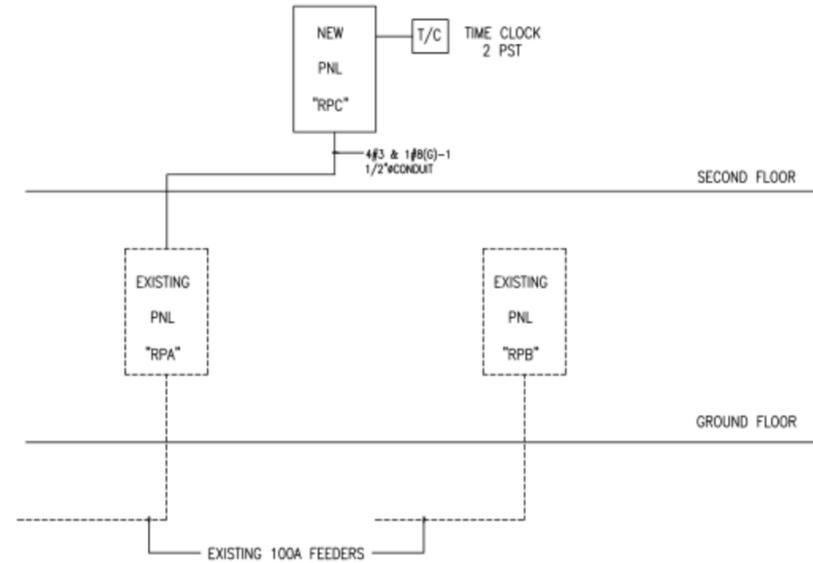
**GENERAL ELECTRICAL NOTES**

1. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL ELECTRICAL CODE, FLORIDA BUILDING CODE AND OTHER APPLICABLE CODES AND STANDARDS.
2. a) THE DRAWINGS ARE DIAGRAMMATIC AND DO NOT SHOW ALL OFFSETS, BENDS AND BOXES REQUIRED TO MAKE A COMPLETE NEAT INSTALLATION IN ACCORDANCE WITH [REDACTED]
- b) WHEN CONFLICTS ARISE IN LOCATIONS WIRING DEVICES, ELECTRICAL EQUIPMENT, DISCONNECTS, PANELBOARDS, ETC. DUE TO FIELD CONDITION OR IMPROPER FIELD COORDINATION CONTRACTOR SHALL BRING IT TO THE A/E'S ATTENTION AND AT NO EXTRA COST RELOCATE, AND OR EXTEND WITHIN A REASONABLE DISTANCE SUCH ITEM WHICH IS IN CONFLICT. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING LOCATION OF ALL COMPONENTS PRIOR TO ROUGH IN WITH ALL TRADES NO EXTRAS WILL BE ALLOWED FOR FAILURE TO DO SO.
3. THE CONTRACTOR IS RESPONSIBLE FOR EVALUATING FIELD CONDITIONS BY VISITING THE SITE PRIOR TO COMMENCING / BIDDING WORK.
4. ALL DEVICE BOXES SHALL BE INSTALLED FLUSH AND CONDUITS RUN CONCEALED IN FINISHED AREAS EXCEPT AS SPECIFICALLY SHOWN/NOTED OTHERWISE.
5. INSTALL POWER AND CONTROL WIRING AND REQUIRED CONTROL COMPONENTS FOR AIR CONDITIONING SYSTEM AS SHOWN/NOTED ON THESE DRAWINGS AND PER OTHER APPLICABLE DRAWINGS / INSTRUCTIONS. SEE AIR CONDITIONING DRAWING.
6. ALL MATERIAL REMOVED SHALL BE DISPOSED OF AS DIRECTED BY OWNER.
7. ALL WIRING INDICATED AS EXISTING IS BASED ON ORIGINAL CONTRACT DRAWINGS AND IS TO BE VERIFIED BY CONTRACTOR AT JOB SITE.
8. MINIMUM WIRE SIZE SHALL BE # 12 THHN / THWN UNLESS OTHERWISE NOTED ON PLANS.
9. ALL CONDUCTORS SHALL BE COPPER.
10. ALL MATERIALS SHALL BE U.L. APPROVED.
11. NEW TYPEDWRITTEN PANEL TALLY SHALL BE FURNISHED AFTER JOB IS COMPLETED.
12. ALL BRANCH CIRCUITS SHALL BE PROPERLY PHASE BALANCED.
13. ALL NON POWER RELATED WIRING IN CEILING AIR CONDITIONING PLENUM RUNNING WITHOUT CONDUIT SHALL BE TEFLON COATED CLASSIFIED FOR USE IN PLENUMS.
14. PROVIDE TRAPEZE HANGER AS ASSEMBLY FOR PLENUM COMMUNICATION CABLE WITH 3/8" DIAMETER. THREADED ROD AND CHANNEL ASSEMBLY TO SUPPORT CABLE BUNDLES EVERY 4 FT. O.C. (MAXIMUM CABLES SHALL NOT LIE ON TOP OF CEILING TILE OR LUMINAIRES).
15. ALL BRANCH CIRCUITS TO HAVE A GREEN EQUIPMENT GROUNDING CONDUCTOR SIZED AS PER [REDACTED] 250.122.
16. ALL EMPTY CONDUITS TO BE PROVIDED WITH NYLON PULL STRINGS.
17. FUSES SHALL BE DUAL ELEMENT, TIME DELAY TYPE UNLESS OTHERWISE NOTED.
18. A/C EQUIPMENT WIRING, BREAKER AND FUSE SIZES ARE BASED ON A/C EQUIPMENT SPECIFIED ON CONTRACT DRAWING. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL WIRING, BREAKER AND FUSES SIZES IN ACCORDANCE WITH A/C EQUIPMENT NAMEPLATE REQUIREMENTS IF DIFFERENT FROM THAT SPECIFIED ON DRAWINGS, AS WELL AS ANY FEEDER CHANGES BEING AFFECTED BY THIS CHANGE CONTRACTOR SHALL MAKE ABOVE MENTIONED CHANGES AT NO EXTRA COST.
19. CONTRACTOR SHALL COORDINATE ALL HIS WORK WITH OTHER TRADES IN ORDER TO FURNISH AND INSTALL ALL CONTROL WIRING AND RACEWAYS. ALL POWER CONTROL CIRCUIT WIRING AND RACEWAY AS SHOWN ON THE AIR CONDITIONING DRAWING OR SPECIFICATIONS. IF AIR CONDITIONING DRAWING REFER TO MANUFACTURER ALL REQUIREMENT AND INCLUDE ALL RELATED WORK IN HIS CONTACT.
20. ALL LUMINAIRES SHALL BE PROPERLY SUPPORTED IN ACCORDANCE WITH THE CEILING SYSTEM MANUFACTURER RECOMMENDATIONS AND LOCAL CODE REQUIREMENTS.
21. RISERS ARE DIAGRAMMATIC ONLY. THEY DO NOT SHOW EVERY BEND REQUIRED FOR THE INSTALLATION.
22. THIS DRAWING IS A GUIDE FOR THE ELECTRICAL INSTALLATION. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE A FUNCTIONING SYSTEM.
24. ALL CABLES SHALL BE RUN WITH OUT SPICES EXCEPT IF OTHERWISE INDICATED.
25. ALL PULL AND JUNCTION BOXES SHAL BE ACCESSIBLE AT ALL TIMES.
26. EXACT POINT AND METHODS OF CONNECTION SHALL BE DETERMINED IN FIELD.
27. ALL WORK SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER.
28. ALL RACEWAY ROUTED, INSULATED CONDUCTORS SYSTEM SHALL BE COLOR CODED AS FOLLOWS:

120/208 V SYSTEM  
 PHASE 'A' BLACK  
 PHASE 'B' RED  
 PHASE 'C' BLUE  
 NEUTRAL WHITE  
 GROUND GREEN

**ELECTRICAL SYMBOL LEGEND**

- Ⓛ 20A, 125 V. DUPLEX RECEPTACLE GROUNDING TYPE  
GF1= GROUND FAULT WP= WEATHERPROOF
- Ⓢ 20A, 125V QUIET SWITCH.
- Ⓢ 3 20A, 125V 3 WAY QUIET SWITCH.
- Ⓢ 4-1 DISCONNECT SWITCH (3) DENOTES (3) FRAME SIZE (NF)-NOT FUSED
- Ⓢ FIRE ALARM PULL STATION
- Ⓢ FIRE ALARM HORN/STROBE
- Ⓢ FIRE ALARM HEAT DETECTOR
- Ⓢ FIRE ALARM SMOKE DETECTOR
- ELECTRICAL PANEL



**PARTIAL ELECTRICAL RISER DIAGRAM**

**LIGHTING FIXTURE SCHEDULE**

TYPE	DESCRIPTION	ELECTRICAL DATA		LAMP DATA			BASIS OF DESIGN		ARRANGEMENT			NOTES
		LOAD VA	VOLTAGE	QTY	WATTAGE	TYPE	COLOR TEMPERATURE	MANUFACTURER	MODEL OR SERIES	RECESSED	SURFACE	
(A1)	LITHONIA CB-232 GEB 10 IS		277/1/60					LITHONIA				
(B1)	LITHONIA AFP-3-54WT5-277V GEB 10 IS (WITH WIND GUARD)		277/1/60					LITHONIA				
(C1)	LITHONIA ELM2		277/1/60					LITHONIA				
(D1)	LITHONIA WLF3 250M HPW-277V SFDMB		277/1/60					LITHONIA				
(E1)	LITHONIA QUANTUM LED EXIT LIGHT (277V)							LITHONIA				
(F1)												
(G1)												

REVISIONS		
NO.	DATE	REMARKS

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**LITTLE ST. JAMES R.O AND GENERATOR BUILDING ROOFING PROJECT**  
 PARCELS A,B,C  
 LITTLE ST JAMES U.S.V.I

DATE: 10-20-15  
 DRAWN BY: K.R.B.  
 CHECKED BY: K.R.B.  
 APPROVED BY: [REDACTED] W.

PROJECT NO.: 15-001  
 CONTRACT NO.:

SHEET NO.: **E0.0**  
 ELECTRICAL NOTES, LEGEND & RISERS









