

## Jones Gillam Renz Architects

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## **ARCHITECT'S SUPPLEMENTAL INSTRUCTIONS**

JONES GILLAM RENZ DOCUMENT JGR 710

PROJECT:	<b>The Heritage at Abilene</b> New Building, Restoration and Rehab Apartments Abilene, Texas	Report No.	Three (3)
OWNER:	<b>Overland Property Group</b> Dan Maximuk 5345 W. 151st Terrace Leawood, KS 66224 913-396-6310	Date	Dec. 18, 2023
01		Architect's Proj No.	20-3065
CONTRACTO	R: MCP Group	_	
	3501 SW Fairlawn Rd. Topeka, KS 66614 785-273-3880	Contract For:	General Construction Mechanical, Electrical

The work shall be carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Prior to proceeding in accordance with these instructions, indicate your acceptance of these instructions for minor change to the Work as consistent with the Contract Documents and return a copy to the Architect.

### **DESCRIPTION:**

1. See attached revised electrical drawings to correspond with the information in the bid sheet and plan drawing from AEP Texas.

Attachmer	nts:		
1. 2.	Revised Sheets E1.0 (Separate Sheets for Revised Sheets E6.1(Separate Sheets for Revised	or Buildings A, B & C) r Buildings A, B & C)	
Issued by:	Jones Gillam Renz Architects Maggie Gillam, Project Manager	785 827 0386	PO Box 2928, Salina, KS 67402 mgillam@jgrarchitects.com
Copies to:			

MCP Group - Eric Hubener OPG - Dan Maximuk JGR Architect - Maggie Gillam LST – John Lewis-Smith Structural – Jim Manley











ELEVATOR SEQUENCE OF OPERATION: (DURING SMOKE/HEAT ALARM)

- 1. UPON SENSING SMOKE FROM ONE OR MORE LOBBY, ELEVATOR HOISTWAY OR ELEVATOR EQUIPMENT ROOM, THE SMOKE DETECTOR SHALL SIGNAL THE FACP, WHICH WILL FORWARD THE SIGNAL TO THE ELEVATOR LOGIC CONTROLLER TO RECALL ELEVATOR CAB TO THE DESIGNATED MAIN FLOOR. IF DESIGNATED FLOOR'S LOBBY SMOKE DETECTOR SENSES SMOKE AT THAT FLOOR, THE ELEVATOR CONTROLLER WILL SEND THE ELEVATOR CAB TO THE NEXT FLOOR CLEAR OF SMOKE. ONCE THE ELEVATOR CAB HAS REACHED THE DESIGNATED FLOOR, THE ELEVATOR CAB DOORS WILL OPEN AND THE CONTROLLER WILL LOCK THE ELEVATOR CAB AT THAT FLOOR, DISABLING THE ELEVATOR CAB CONTROLS, UNLESS A FIREMAN'S KEY IS USED TO OVERRIDE AUTOMATIC CONTROLS.
- ALL SMOKE DETECTORS (LOBBIES, HOISTWAY, EQUIPMENT ROOM) SHALL TRANSMIT A SEPARATE AND DISTINCT VISIBLE ANNUNCIATION AT THE FACP AND ANNUNCIATOR PANEL.
- HEAT DETECTORS IN THE ELEVATOR HOISTWAY AND ELEVATOR EQUIPMENT ROOM WILL SEND A SIGNAL TO THE SHUNT-TRIP SWITCH POWERING THE ELEVATOR SO AS TO SHUT DOWN POWER TO THAT CIRCUIT. (THIS IS A NON-AUTO RESET SWITCH). WHEN THE SPRINKLER HEAD HAS REACHED ITS CRITICAL TEMPERATURE OF 165° F., THE HEAD WILL BEGIN DISCHARGE OF WATER.

# 5 ELEVATOR INTERLOCK WITH FIRE ALARM





3#8, #8G, 3/4" RMC — JOCKEY PUMP FIRE PUMP (BY OTHERS) (BY OTHERS) -----FIRE PUMP JOCKEY PUMP (BY OTHERS) (BY OTHERS) GROUND BAR

> #6 Cu GROUNDING ELECTRODE CONDUCTOR TO CONCRETE ENCASED ELECTRODE, UNDERGROUND METAL WATER PIPE, AND DRIVEN GROUND ROD. BOND ALL ITEMS IN ACCORDANCE WITH NEC ARTICLE 250. —

MECH

A105

NOTE: VERIFY FEEDER SIZES AND ALL OTHER REQUIREMENTS WITH FIRE PUMP SYSTEM INSTALLER PRIOR TO COMMENCING WORK.

6 ELECTRICAL RISER DIAGRAM - FIRE PUMP No Scale



mail@LSTengineers.com











PROVIDE UTILITY COMPANY APPROVED 200A METER SOCKET WITH FULLY RATED BYPASS FOR METERING OF FIRE PUMP ELECTRICAL SERVICE. 36" x 36" x 12"D NEMA 3R ENCLOSURE WITH HINGED DOORS, GROUND LUG, AND PROVISIONS FOR POWER COMPANY PADLOCK AND SEAL 3#1 IN 2" C #6 BARE Cu GROUNDING ELECTRODE CONDUCTOR TO (2) 3/4"Ø x 10'L DRIVEN GROUND RODS MINIMUM 6' APART. —— FINISHED GRADE **±** TO FIRE PUMP RE: 5/E6.1

D ELECTRICAL RISER DIAGRAM



LST Consulting Engineers, PA 4809 Vue Du Lac Place, Suite 201 420 South Emporia, Suite 13 Manhattan, KS 66503 785.587.8042 Wichita, Kansas 67202 316.285.0696 www.LSTengineers.com

mail@LSTengineers.com Project 20027

# APARTMENT FEEDER SCHEDULE Apartment # Feeder Size B104, B107, B108 (3)#1,#6G IN 1-1/4" C OR MC CABLE (3)#1/0,#4G IN 1-1/2" C OR MC CABLE B103 NOTES:

1. Conductor sizes indicated in this schedule account for voltage drop. No further upsizing is necessary.

2. Ensure panel lugs are adequately sized to handle up-sized feeders.

- Main disconnect section shall be 65 kAIC rated, provide branch breakers series rated for 65 kAIC. • All conductor sizes are based on copper, U.N.O. • Entire installation shall comply with NEC.
- Coordinate all responsibilities and requirements with utility company and pay associated fees. Contact Information: Nickie Plaisance

## AEP Texas

- ngplaisance@aep.com
- (325) 674-7028 Coordinate final location of meter assemblies with utility company. Provide shop drawings of proposed
- equipment whether as specified or substituted to utility company for approval. All meter center components shall be NEMA 3R
- All meter sockets shall be ringless type with bypass
- All dimensions based on Square D equipment
- For each meter, provide a permanent brass, copper or aluminum tag identifying the apartment served. Tags shall be securely fastened to the meter base and be stamped with 1/8" letters, minimum.





**E6.1** 



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Project 20027

# APARTMENT FEEDER SCHEDULE

Apartment #	Feeder Size
C112, C113, C114, C117	(3)#1,#6G IN 1-1/4" C OR MC CABI
C118, C119, C121	(3)#1/0,#4G IN 1-1/2" C OR MC CAE



HEET:

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**E6.1**