

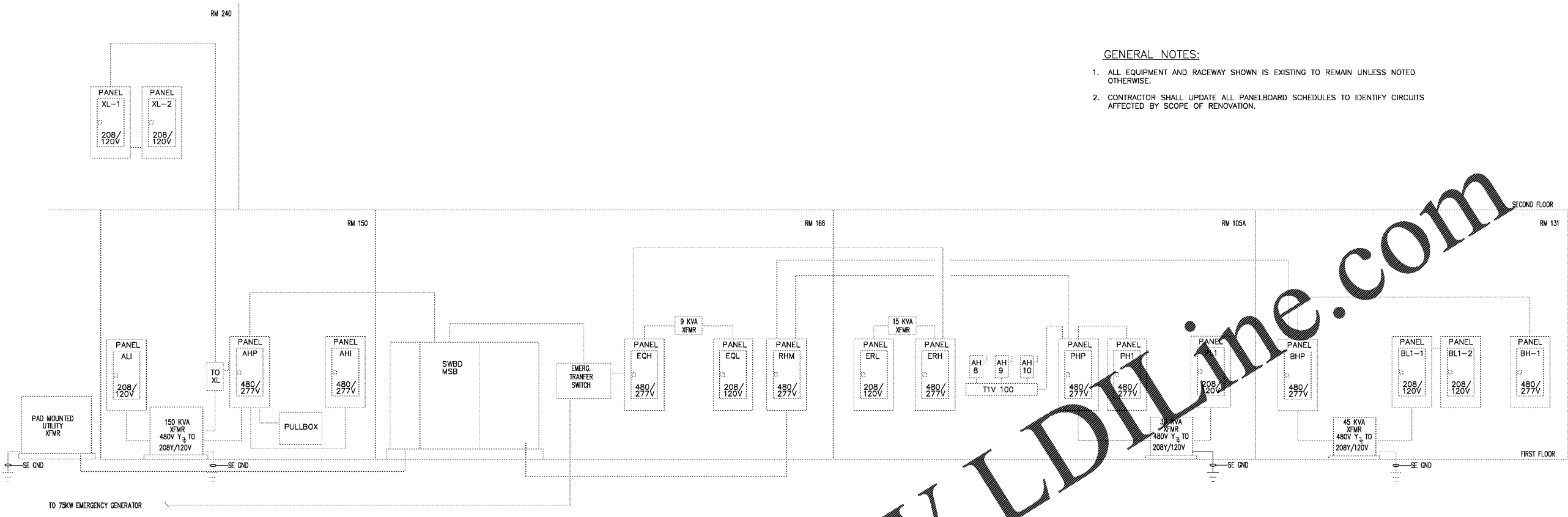
REVISIONS	
1	Revision 1 11/08/19

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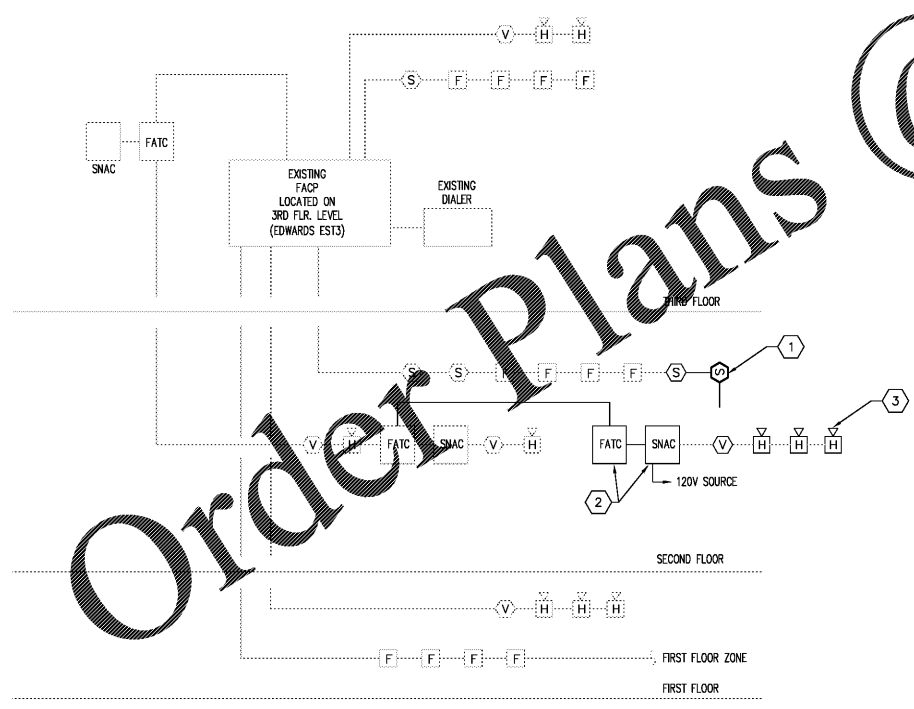
PE: RDA  
PM: PJR  
Drawn By: SDR  
Plot Date: 11/07/2019 12:00:00 PM

GENERAL NOTES:

- ALL EQUIPMENT AND RACEWAY SHOWN IS EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL UPDATE ALL PANELBOARD SCHEDULES TO IDENTIFY CIRCUITS AFFECTED BY SCOPE OF RENOVATION.



**E3 PARTIAL POWER RISER DIAGRAM**  
Scale: NONE



**A2 PARTIAL FIRE ALARM RISER DIAGRAM**  
Scale: NONE

GENERAL NOTES:

- EXISTING FIRE ALARM CONTROL PANEL IS AN EDWARDS EST3 CONNECTED TO CONVENTIONAL TYPE DEVICES VIA MULTIPLE ZONES AND SHALL REMAIN OPERATIONAL. PROVIDE DEVICES IN THIS PROJECT THAT ARE COMPATIBLE AND LISTED TO OPERATE WITH EXISTING SYSTEM.
- RISER DIAGRAM IS INTENDED TO SHOW TYPICAL FUNCTIONAL CONNECTIONS. EXACT WIRING AND CONNECTIONS ARE DEPENDENT ON EQUIPMENT MANUFACTURER AND ARE TO BE PROVIDED AS PART OF THE FIRE ALARM SHOP DRAWING SUBMITTAL PACKAGE PROVIDED BY THE CONTRACTOR.
- NOT ALL DEVICES ARE SHOWN ON RISER. REFER TO FLOOR PLANS FOR QUANTITY, TYPES, AND LOCATIONS OF OUTLETS.
- CONNECT NEW DEVICES TO NEAREST AVAILABLE EXISTING ZONE. VERIFY CURRENT LOAD PRIOR TO ADDING NEW DEVICES AND PROVIDE BOOSTER PANELS AS NECESSARY.
- CONTRACTOR SHALL SCHEDULE A PREINSTALLATION MEETING WITH UNCG FIRE ALARM SHOP PRIOR TO BEGINNING WORK TO IDENTIFY AND DISCUSS MEANS AND METHODS OF INSTALLATION.

NOTES KEYED TO A2/E-4.1:

- EXTEND EXISTING NOTIFICATION CIRCUIT IN AREA TO PICK UP NEW STROBE LIGHT. PROVIDE NEW DEVICES AS SHOWN ON PLANS.
- PROVIDE NEW FIRE ALARM TERMINAL CABINET AND SUPPLEMENTAL POWER SUPPLY LOCATED IN MECH. 227. REFER TO PLANS FOR CIRCUIT REQUIREMENTS.
- PROVIDE NEW DEVICES AS SHOWN ON PLANS.

SYSTEM INPUTS	FIRE ALARM SYSTEM RESPONSE MATRIX															
	Control Unit Annunciation				Notification				Fire Safety Control							
	Common Alarm Indicator	Audible Alarm Signal	Common Supervisory Signal Indicator	Audible Common Supervisory Signal	Common Trouble Signal Indicator	Audible Common Trouble Signal	Floor Alarm Indicators	Activable Floor Evacuation Signals	Print Changer at Stairs	Transmit Alarm Signal	Transmit Supervisory Signal	Transmit Trouble Signal	Close Magnetic Doors	Recall Elevator	Activate Elevator Shutdown	A/E Shutdown
Silence Pull Stations	X	X					X	X	X	X			X		X	
Smoke Detectors-Floor	X	X					X	X	X	X			X	X	X	
Smoke Detectors-Elevator	X	X					X	X	X	X			X	X	X	
Heat Detectors-Floor	X	X					X	X	X	X			X	X	X	
Heat Detectors-Elevator	X	X					X	X	X	X			X	X	X	
Duct-mounted Smoke Detectors	X	X					X	X	X	X			X	X	X	
Tamper Switch			X	X						X						X
Flow Switch	X	X					X	X	X	X			X		X	
Fire Alarm Loss of AC Power				X	X				X	X						
Fire Alarm Low Battery				X	X				X	X						
Open Circuit				X	X				X	X						
Ground Fault				X	X				X	X						
Notification Appliance circuit short				X	X				X	X						