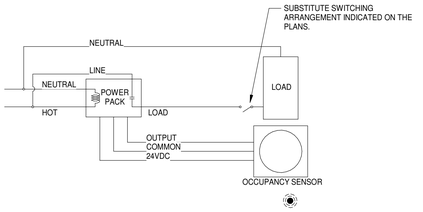
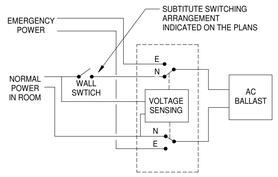


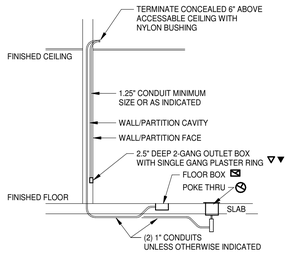
OCCUPANCY SENSOR DIAGRAM DETAIL

NO SCALE



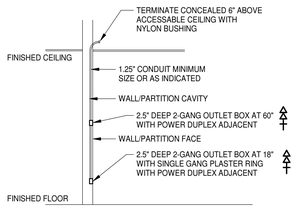
GTR RELAY DETAIL

NO SCALE



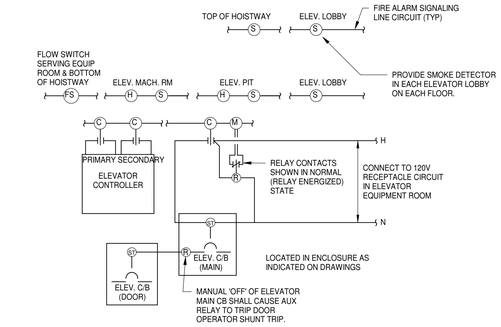
TELECOMMUNICATIONS OUTLET CONDUIT DETAIL

NO SCALE



MONITOR OUTLET CONDUIT DETAIL

NO SCALE



LEGEND

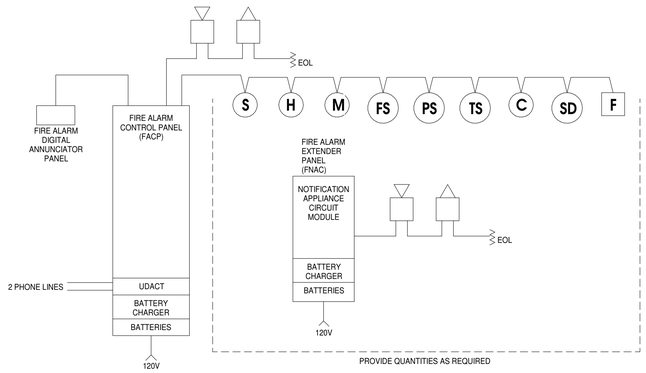
- NORMALLY OPEN CONTACT
- NORMALLY CLOSED CONTACT
- SHUNT TRIP COIL/BREAKER (VERIFY CONTROL VOLTAGE - PROVIDE TRANSFORMER IF 24V)
- FIRE ALARM ADDRESSABLE CONTROL MODULE
- FIRE ALARM ADDRESSABLE MONITOR MODULE
- RELAY
- SMOKE DETECTOR FOR ELEVATOR RECALL
- HEAT DETECTOR (FOR SHUNT TRIP)
- SPRINKLER FLOW SWITCH MONITOR

NOTES:

- AN ALARM SIGNAL FROM A SMOKE DETECTOR IN THE ELEVATOR HOISTWAY, MACHINE ROOM,OR ELEVATOR LOBBY (OTHER THAN AT THEPRIMARY RECALL LEVEL) SHALL ACTUATE THECONTROL MODULE TO SEND ELEVATOR TO PRIMARY LANDING.
- AN ALARM SIGNAL FROM A SMOKE DETECTOR IN THE ELEVATOR LOBBY AT THE PRIMARY RECALL LEVEL SHALL ACTUATE THECONTROL MODULE TO SEND ELEVATOR TO SECONDARY LANDING.
- AN ALARM SIGNAL FROM A HEAT DETECTOR OR FLOW SWITCH SERVING THE ELEVATOR HOISTWAY OR MACHINE ROOM SHALL ACTUATE THE CONTROL MODULE TO SHUNT TRIP POWER TO THE ELEVATOR
- LOSS OF CONTROL POWER TO THE SHUNT TRIP BREAKER SHALL OPEN THE RELAY CONTACTS AND INITIATE A SUPERVISORY SIGNAL ON THE FIRE ALARM SYSTEM.
- FIRE ALARM CONTROL AND MONITOR MODULES SHALL BE MOUNTED WITHIN 36" OF THE EQUIPMENT CONTROLLED OR MONITORED.
- A HEAT DETECTOR FOR ELEVATOR SHUNT TRIP SHALL BE PROVIDED WITHIN 24" OF EACH SPRINKLER IN THE ELEVATOR HOISTWAY AND MACHINE ROOM.

ELEVATOR RECALL & SHUNT TRIP DIAGRAM

NO SCALE



FIRE ALARM RISER DIAGRAM

NO SCALE

LIGHT FIXTURE SCHEDULE

FIXTURE							LAMP	MOUNTING	OPTIONS	COMMENTS
TYPE	DESCRIPTION	MANUFACTURER	SERIES NO.	VOLTAGE	WATTAGE	LUMENS	TYPE			
A	1X4 RECESSED PANEL	LITHONIA	GTL 4 40L	277 V	40 VA	4000 lm	LED	RECESSED		
B1	2X4 RECESSED PANEL	LITHONIA	2GTL 4 60L	277 V	60 VA	6000 lm	LED	RECESSED		
B2	2X4 RECESSED PANEL - GTD	LITHONIA	2GTL 4 60L	277 V	40 VA	4800 lm	LED	RECESSED		ALSO REFER TO DETAIL ON E4.1
B3	2X4 RECESSED PANEL - DIMMING	LITHONIA	2GTL 4 60L	277 V	40 VA	4800 lm	LED	RECESSED	10% 0-10V DIMMING	
B4	2X4 RECESSED PANEL - DIMMING GTD	LITHONIA	2GTL 4 60L	277 V	40 VA	4800 lm	LED	RECESSED	10% 0-10V DIMMING	ALSO REFER TO DETAIL ON E4.1
C	LENSED INDUSTRIAL	LITHONIA	CLX L48 WDL	277 V	35 VA	3500 lm	LED	SURFACE/ CHAIN 8'AFF		
F1	DOWNLIGHT	LITHONIA	LDN6-L06-AR-LSS	277 V	34 VA	2500 lm	LED	RECESSED	10% 0-10V DIMMING	
F3	DOWNLIGHT - DIMMING	LITHONIA	LDN6-L06-AR-LSS	277 V	34 VA	2500 lm	LED	RECESSED	10% 0-10V DIMMING	
N1	2X4 VOLUMETIC	LITHONIA	2BLT4 48L	277 V	48 VA	4800 lm	LED	RECESSED		
P	WALL MOUNT UTILITY	LITHONIA	TWS LED	120 V	25 VA	1400 lm	LED	WALL		
Q	UNDER STAIR	LITHONIA	WL4	277 V	28 VA	3000 lm	LED	UNDER STAIR RISER		
S	STAIR	LITHONIA	WL4	277 V	28 VA	3000 lm	LED	WALL IN STAIR		
X1	SINGLE FACE EXIT	LITHONIA	LQR-1R	277 V	5 VA		LED	UNIVERSAL		
X1	SINGLE FACE EXIT	LITHONIA	LQR-1R	277 V	5 VA		LED	UNIVERSAL		
X2	DUAL FACE EXIT	LITHONIA	LQR-2R	277 V	5 VA		LED	UNIVERSAL		

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PROGRESS PRINT NOT FOR CONSTRUCTION

Dobo Hall Renovation - Package A

SCO PROJECT NO. 18-19798-01A
UNC Wilmington
4978 CAHILL DR, WILMINGTON, NC 28403

PROJECT NO.:	DATE:
580999	MARCH 27, 2019

REVISIONS

DATE	DESCRIPTION

ELECTRICAL DETAILS

E4.1

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