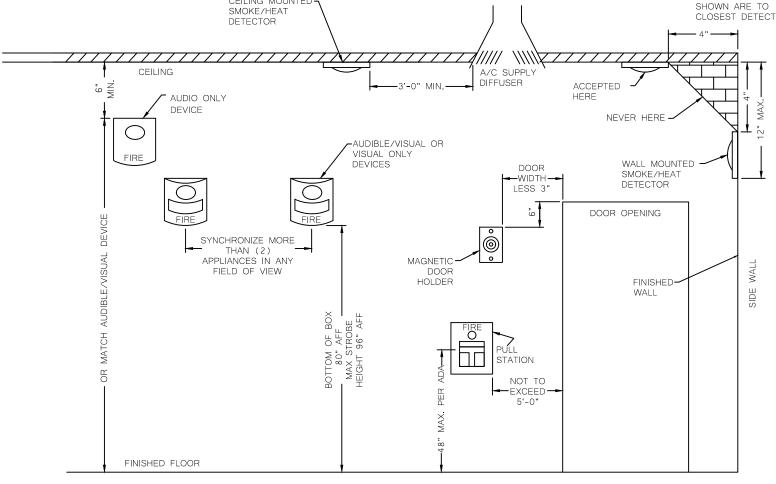
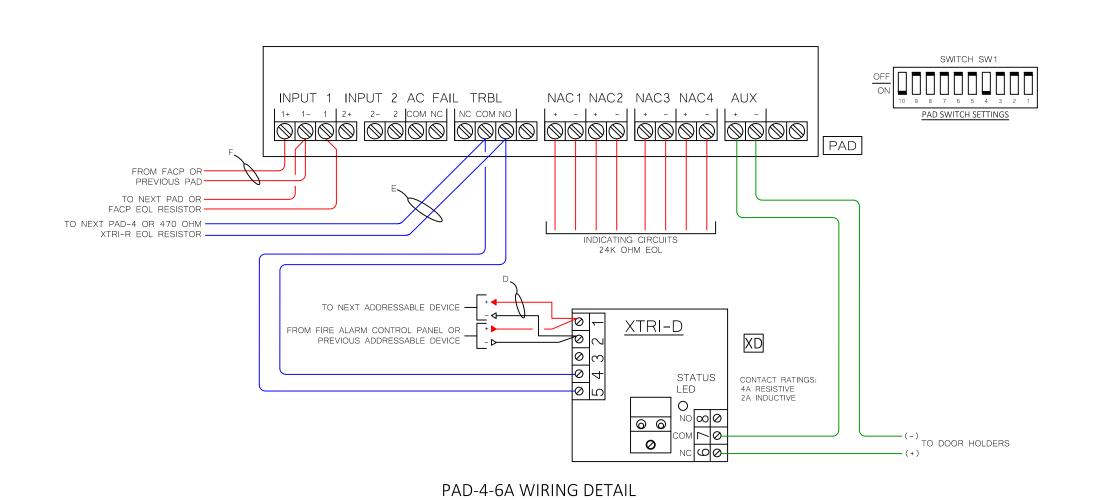
TAMPER AND WATERFLOW/XTRI-D WIRING DETAIL

TO NEXT ADDRESSABLE DEVICE - + FROM FIRE ALARM CONTROL PANEL OR PREVIOUS ADDRESSABLE DEVICE XTRI-D WIRING DETAIL





CABLE STRIPPING DETAIL

GENERAL	FIRE	ALA	RM	NO

MOUNT FIRE ALARM CABINET AT 6' AFF TO THE TOP OF THE CABINET.

D. MANUAL FIRE ALARM STATIONS SHALL BE MOUNTED AT 48" AFF TO THE OPERABLE PART. LOCATE DETECTORS NOT CLOSER THAN 3'-0" FROM AN AIR SUPPLY DIFFUSER, RETURN AIR OPENING, SPRINKLER HEAD OR CEILING FAN.

G. DUCT DETECTOR REMOTE TEST SWITCHES ARE TO BE INSTALLED AS CLOSE TO THE ASSOCIATED DEVICE AS POSSIBLE IN AN ACCESSIBLE LOCATION ACCEPTABLE TO THE OWNER.

I. IN AREAS WITH EXPOSED DUCTWORK, ETC. PENDANT MOUNT THE CEILING NOTIFICATION DEVICES SO THAT THEY CAN BE VIEWED WITHOUT OBSTRUCTION.

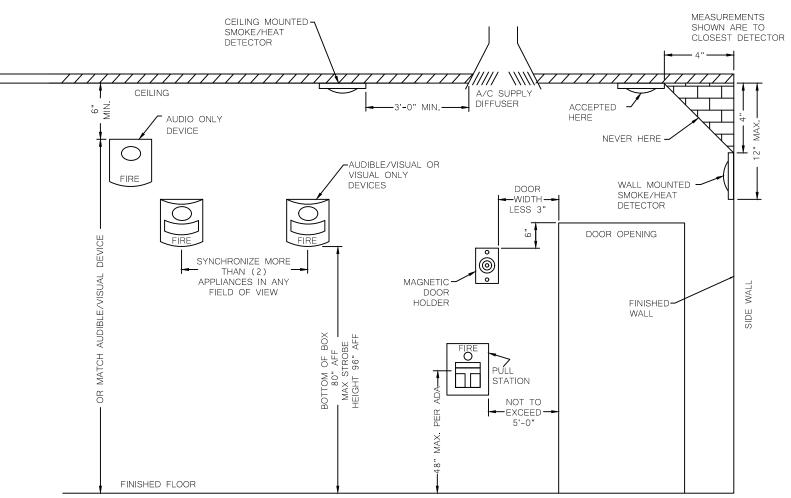
K. FIRE/SMOKE DAMPER DUCT DETECTORS ARE TO BE INSTALLED IN THE DUCT WITHIN 5'-0" OF THE DAMPER WITH NO AIR OUTLETS OR INLETS BETWEEN THE DETECTOR AND THE DAMPER.

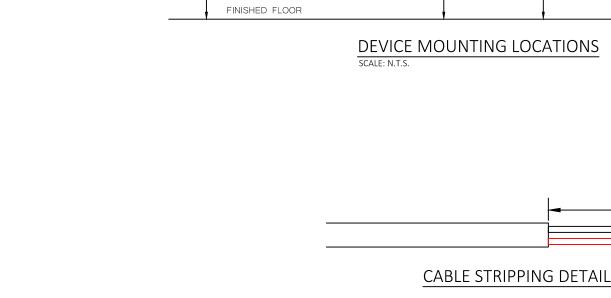
L. WIRING TERMINATIONS FOR CONNECTIONS BETWEEN THE FIRE ALARM SYSTEM AND EQUIPMENT INSTALLED BY OTHER CONTRACTORS (SUCH AS ELEVATORS, HVAC, FIRE SUPPRESSION, AND DOOR CONTROL EQUIPMENT) ARE TO BE MADE BY THAT SYSTEM'S CONTRACTOR.

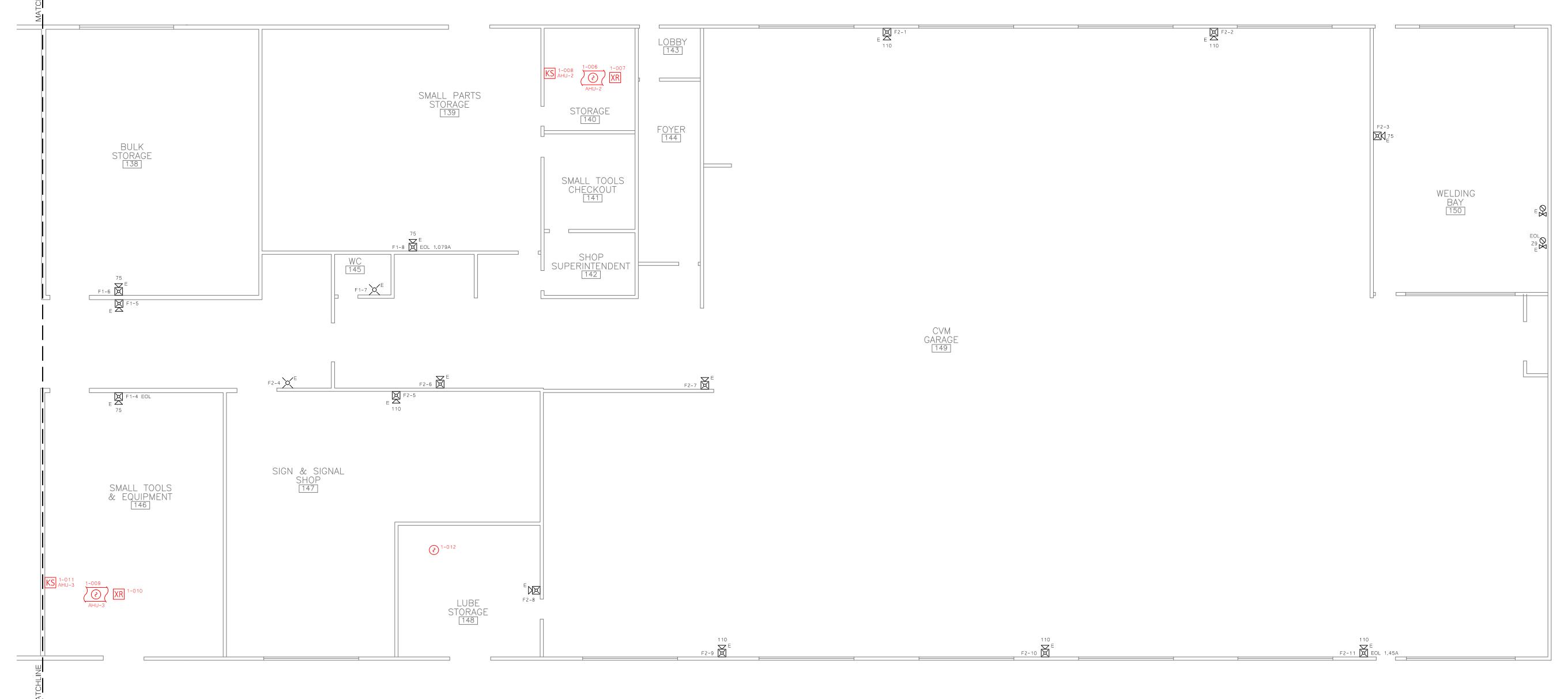
NOTIFIED, AND THE BUILDING SHALL BE EVACUATED OR AN APPROVED FIRE WATCH SHALL BE PROVIDED FOR ALL PARTIES LEFT

UNPROTECTED BY THE SHUTDOWN UNTIL THE FIRE ALARM SYSTEM HAS BEEN RETURNED TO SERVICE. N. THE BRANCH CIRCUIT SUPPLYING THE FIRE ALARM EQUIPMENT SHALL SUPPLY NO OTHER LOADS. THE LOCATION OF THE BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT. THE CIRCUIT DISCONNECTING MEANS SHALL HAVE RED IDENTIFICATION, SHALL BE ACCESSIBLE ONLY TO QUALIFIED PERSONNEL, AND SHALL BE

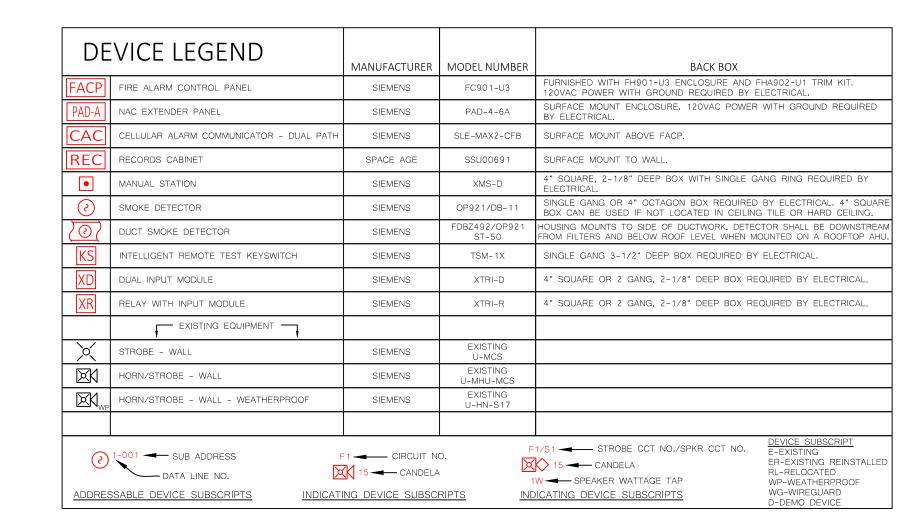
INTERRUPTERS OR ARC-FAULT CIRCUIT INTERRUPTERS.







PARTIAL FLOOR PLAN



CABLE LETTER	CABLE DESCRIPTION	CABLE DESCRIPTION CABLE TYPE		O.D. INCH	AREA SQ. IN.
D	ADDRESSABLE DATA LINE	1802PFA-RED	2 cond/18 AWG	.158	.020
F	INDICATING CCT	1402PFA-RED	2 cond/14 AWG	.206	.033
G	PAD ACTIVATION	1802PFA-RED-YLW	2 cond/18 AWG	.158	.020
٧	POWER CCT	1402PFA-RED-BLK	2 cond/14 AWG	.206	.033
Χ	TELEPHONE		4 pair/24 AWG		

OHMMETER TESTS

A. MEASURE ALL CIRCUITS AS APPLICABLE FOR PROPER EOL RESISTOR.

MEASURE ALL CONDUCTORS INCLUDING SHIELDS, FOR GROUND FAULTS. MEASURE BETWEEN ALL CONDUCTORS INCLUDING SHIELDS, FOR SHORT CIRCUITS.

REPAIR ALL OPEN CIRCUITS, SHORT CIRCUITS AND GROUND FAULTS AS NEEDED.

A. INSTALL ADDRESSABLE DEVICES PER ADDRESS IN LOCATIONS SHOWN. VERIFY DEVICE IS PROGRAMMED BEFORE INSTALLATION. B. CONDUIT 3/4" MINIMUM UNLESS SHOWN OTHERWISE.

F. LOCATE DETECTORS NOT CLOSER THAN 12" FROM ANY PART OF A LIGHTING FIXTURE.

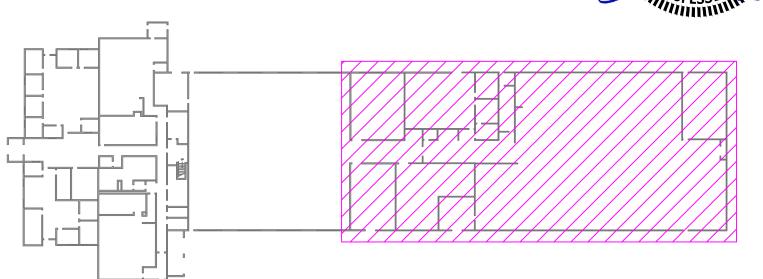
H. LABEL ALL DUCT DETECTORS AND DUCT DETECTOR REMOTE TEST SWITCHES WITH THE ASSOCIATED MECHANICAL ITEMS NAME.

J. DO NOT EXCEED RELAY CONTACT RATINGS.

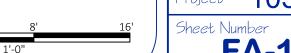
M. WHERE A REQUIRED FIRE ALARM SYSTEM IS OUT OF SERVICE FOR MORE THAN 4 HOURS IN A 24 HOUR PERIOD, THE AHJ SHALL BE

IDENTIFIED AS "FIRE ALARM CIRCUIT". THE RED IDENTIFICATION SHALL NOT DAMAGE THE OVERCURRENT PROTECTIVE DEVICES OR OBSCURE THE MANUFACTURER'S MARKINGS. THE BRANCH CIRCUIT SHALL NOT BE SUPPLIED THROUGH GROUND-FAULT CIRCUIT





PARTIAL FLOOR PLAN





0 0

ENGINEERS

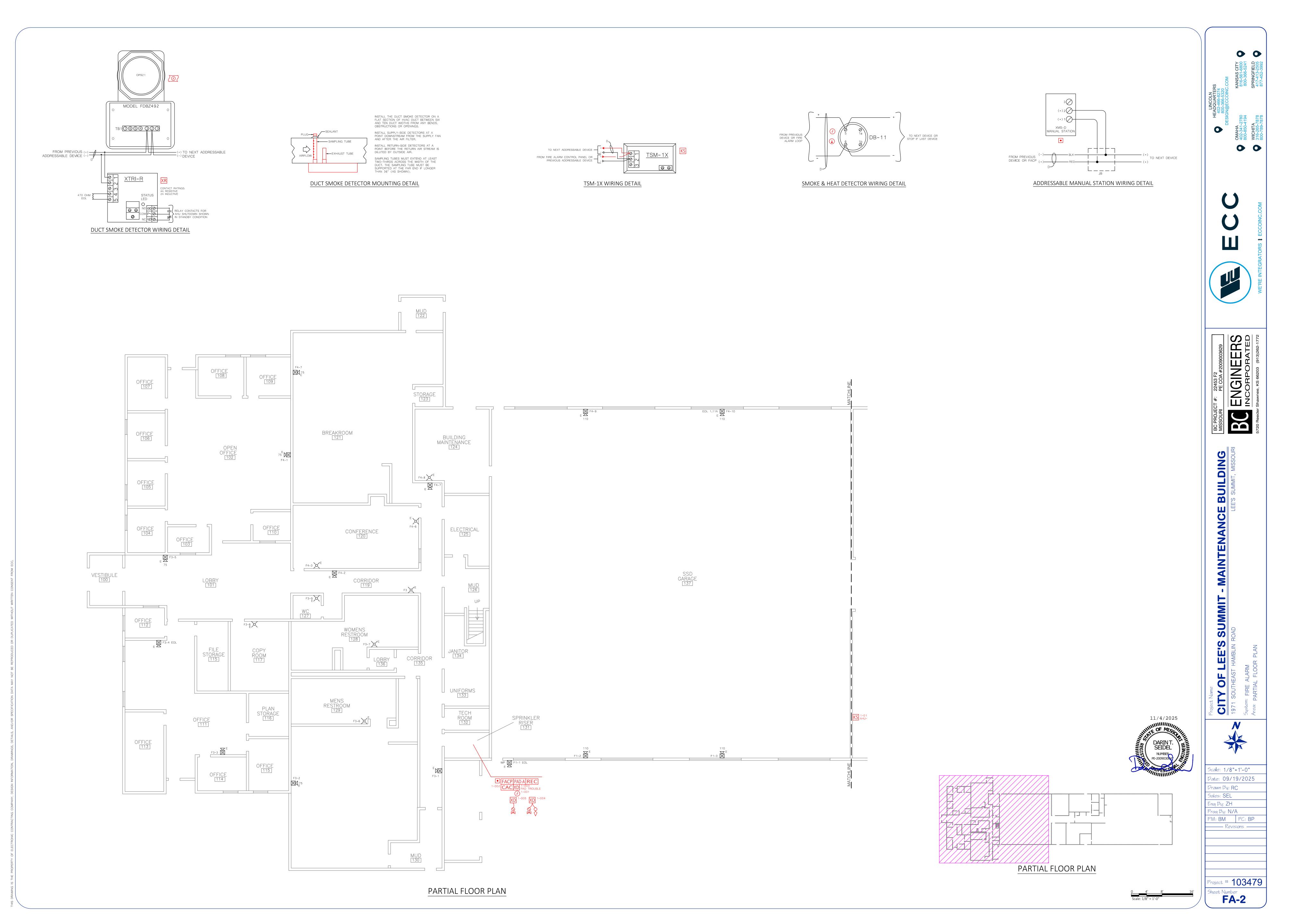


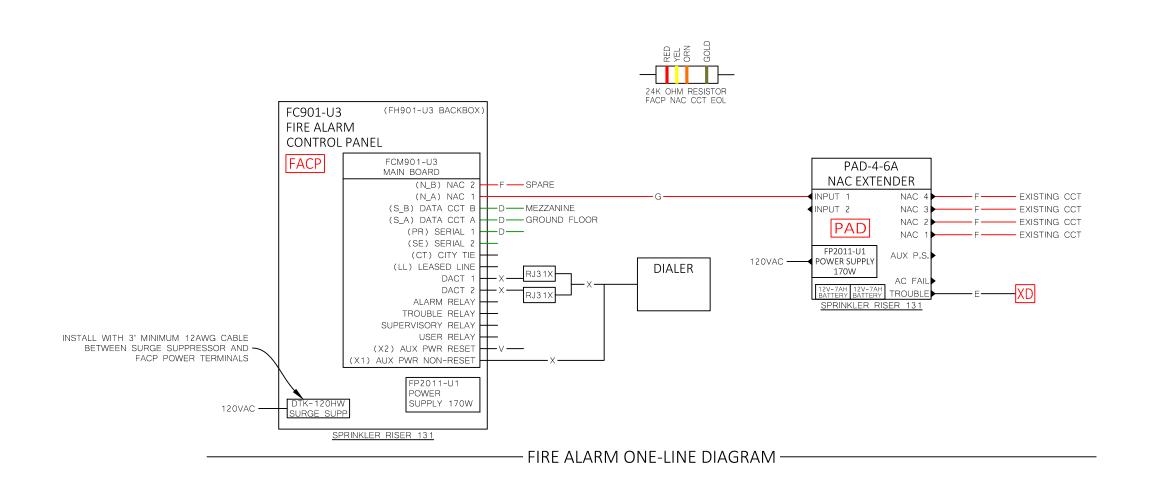
Date: 09/19/2025 Drawn By: RC

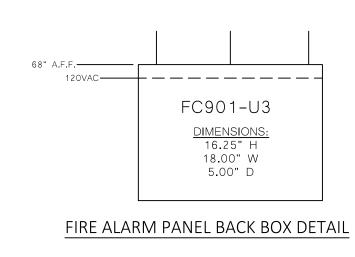
Sales: SEL Eng By: ZH

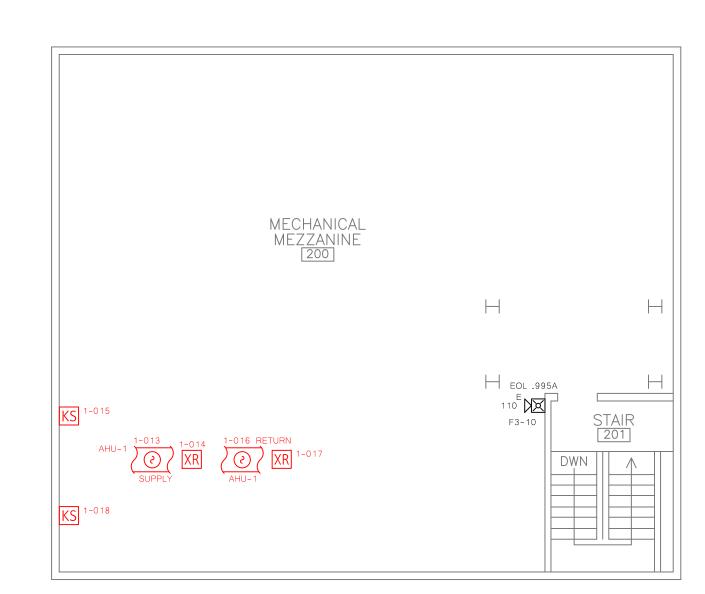
Prog By: N/A PM: BM PC: BP

Project # 103479 'neet Number FA-1









MEZZANINE PLAN

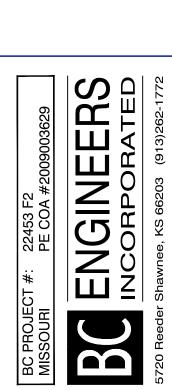
ver. 2.2.0		Calculated Field	Choose a Value	
8/3/2020				
Ref. No	103479		-	'
Submitted By	ECC			
FC901 Panel		Standby (A)	Alarm (A)	
Main Board		0.159	0.1864	
Device Current Draw		0.0101	0.0101	
NAC 1		0	0.01	
NAC 2		0	0	
Aux power (external)		0.48	0	
FCA City Tie	No			
FSD901 Remote Annun.	1	0.06	0.07	
Devices	Qty			
HFP-11 / 8713		0	0	
HFPO-11 / 8710		0	0	
HFPT-11 / 8712		0	0	
OOHC941	4	0.003	0.003	
ООН941		0	0	
OH921		0	0	
OP921	2	0.0006	0.0006	
HI921		0	0	
FDCIO422		0	0	
HMS / 8700-S/D/M		0	0	
HTRI-S/M / 8701/8702		0	0	
HTRI-D / 8703		0	0	
HTRI-R / 8704		0	0	
HZM / 8705		0	0	
HCP / 8706		0	0	
ILED / 8726		0	0	
ABHW-4S (High dBA)		0	0	
ABHW-4S (Low dBA)		0	0	
ABHW-4B (High dBA)		0	0	
ABHW-4B (Low dBA)		0	0	
XTRI-S/M		0	0	
XTRI-D	4	0.002	0.002	
XTRI-R	4	0.002	0.002	
TSM-1X	4	0.002	0.002	
ILED-XC/XW		0	0	
XMS-S, D, M	1	0.0005	0.0005	
PAD-5-MB		0	0	
PAD-5 CLSA		0	0	
PAD-5 CDC		0	0	
Total	19	0.0101	0.0101	System OK
Total Current		0.6592	0.2166	
O. II =				
Standby Time	24	15.821		
Alarm Time	15		0.054	
AH required (no reserve)	10		15.875	
Battery Reserve	110%			
AH Required (with reserve)			17.462445	Need Battery Box
Battery Provided	8	AH		











BUILDING



Scale: 1/8"=1'-0"

Date: 09/19/2025 Drawn By: RC

Sales: SEL

Eng By: ZH

Prog By: N/A

PM: BM PC: BP

Revisions

Project # 103479 Sheet Number FA-3