

SCOPE OF WORK

THE SCOPE OF WORK FOR THIS PROJECT IS TO INSTALL AND WIRE THE FIRE ALARM SYSTEM FOR THE RENOVATED AREA OF AN EXISTING BUILDING AS SHOWN ON THE DRAWINGS.

THE NEW STROBES AND HORN/STROBES SHALL BE CONNECTED TO THE NEW BOOSTER PANEL.

THE NEW ADDRESSABLE DEVICES SHALL BE CONNECTED TO THE EXISTING SLC SERVING THE RENOVATED AREA.

GENERAL NOTES:

- THE CONTROL PANEL SHOULD BE SECURELY FASTENED TO A SHOCK AND VIBRATION FREE SURFACE IN A CLEAN, DRY AREA. THE LOCATION SHOULD BE VISIBLE AND READILY ACCESSIBLE FOR MAINTENANCE. SUFFICIENT ROOM IS NECESSARY FOR OPENING OF THE ENCLOSURE DOOR(S).
- DO NOT APPLY 120VAC POWER TO ANY FIRE ALARM PANEL UNTIL A FIRELINE TECHNICIAN IS PRESENT.
- ALL DIP SWITCHES ON CONTROL PANELS/BOOSTER PANELS ETC WILL BE SET BY FIRELINE TECHNICIAN. THEY ARE SHOWN ON DRAWINGS FOR LOCATION REFERENCE AND SETTINGS VARY ACCORDING TO JOB REQUIREMENTS.
- ALL WIRING MUST CONFORM TO THE NATIONAL ELECTRIC CODE (NFPA 70) AND APPROVED LOCAL CODES.
- WIRE RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT PATH OF WIRE RUNS BE DETERMINED IN THE FIELD BY INSTALLER BASED UPON CONSTRUCTION CONDITIONS.
- SMOKE DETECTORS SHALL NOT BE LOCATED IN DIRECT AIR STREAM FROM SUPPLY OUTLETS. SIDE WALL MOUNTED SMOKE DETECTORS SHALL BE MOUNTED NO CLOSER THAN 4" AND NO FURTHER THAN 12" FROM CEILING. CEILING MOUNTED SMOKE DETECTORS SHALL BE MOUNTED NO CLOSER THAN 4" TO THE SIDE WALL.
- PRIMARY POWER FOR ALL CONTROL UNITS SHALL BE IN ACCORDANCE WITH NFPA 72 AND N.E.C. DEVICES FOR COMPLIANCE WITH THIS SECTION, TO INCLUDE MECHANICAL PROTECTION, CIRCUIT BREAKER LOCKS, OR OVERCURRENT PROTECTION, ARE SUPPLIED BY THE ELECTRICAL CONTRACTOR AND ARE NOT PART OF THIS SUBMITTAL.
- ALL FIRE ALARM SYSTEM WIRING CIRCUITS ARE POWER LIMITED UNLESS OTHERWISE NOTED. DO NOT RUN POWER LIMITED AND NON POWER LIMITED WIRING IN THE SAME CONDUIT.
- THE OPERABLE PART OF EACH MANUAL FIRE ALARM BOX SHALL BE NOT LESS THAN 42" AND NOT MORE THAN 48" ABOVE THE FINISHED FLOOR.
- ALL WALL MOUNTED VISIBLE NOTIFICATION APPLIANCES SHALL BE MOUNTED SO THAT THE ENTIRE LENS IS IN NOT LESS THAN 80" AND NOT GREATER THAN 96" ABOVE THE FINISHED FLOOR.
- IF HEAT DETECTORS ARE TO SHUT DOWN ELEVATOR POWER PRIOR TO SPRINKLER OPERATION, THEY SHALL BE PLACED WITHIN 24" OF THE SPRINKLER HEAD.
- WHERE DETECTION IS NOT REQUIRED DURING CONSTRUCTION, DETECTORS SHALL NOT BE INSTALLED UNTIL AFTER ALL OTHER CONSTRUCTION TRADES HAVE COMPLETED CLEANUP.
- MINIMUM SOUND PRESSURE LEVEL IS 75DB IN ALL AREAS U.N.O.

WIRE LEGEND

SYMBOL	WIRE OR CABLE TYPE AND DESCRIPTION
H	2C - 14AWG TWISTED PAIR - NAC CKT.
P	2C - 16AWG TWISTED PAIR - 24VDC POWER CIRCUIT
PL	4C - 16AWG - PLINK
SLC	2C - 16AWG TWISTED PAIR - SLC LINE
SP	2C - 16AWG TWISTED PAIR - HIGH LEVEL AUDIO
Z	2C - 16AWG TWISTED PAIR - MONITORED ZONE
	MUST BE FIRE ALARM RATED CABLE PER N.E.C.

SYMBOL LEGEND

SYMBOL	DESCRIPTION
FACP#	FIRE ALARM CONTROL PANEL (# = CABINET NUMBER)
DOC	FIRE ALARM DOCUMENT BOX
FABP#	FIRE ALARM ANNUNCIATOR PANEL (# = CABINET NUMBER)
FABP#	FIRE ALARM BOOSTER PANEL (# = CABINET NUMBER)
ASD	ADDRESSABLE SMOKE DETECTOR, PHOTOELECTRIC
DS	DUCT SMOKE DETECTOR (BY OTHERS)
MS	ADDRESSABLE MANUAL PULL STATION
SM	ADDRESSABLE MONITOR MODULE - SINGLE INPUT
NAC	ADDRESSABLE CONTROL MODULE
DM	ADDRESSABLE MONITOR MODULE - DUAL INPUT
RTS	REMOTE TEST STATIONS
HA	HORN/STROBE - CEILING MOUNTED (#=CANDELA)
SA	STROBE - CEILING MOUNTED (#=CANDELA)
WA	BELL - WALL MOUNTED
EL	END OF LINE RESISTOR
FS	SPRINKLER FLOW SWITCH (BY OTHERS)
TS	SPRINKLER TAMPER SWITCH (BY OTHERS)

SUBSCRIPTS: S=SUPPLY R=RETURN UF=UNDER FLOOR AC=ABOVE CEILING WP=WEATHER PROOF D=DAMPER DH=DOOR HOLDER DL=DOOR LOCK PG=PROTECTIVE GUARD ETR=EXISTING TO REMAIN REL=RELOCATED DEVICE SD=SHUTDOWN

IPA DEVICE ADDRESSING	
LOOP # (IF MULTI LOOP PANEL)	DEVICE ADDRESS (ONE, TWO OR THREE NUMBERS) X-XX-X-DEVICE SUB ADDRESS (IF USED)
	PANEL NUMBER CIRCUIT NUMBER

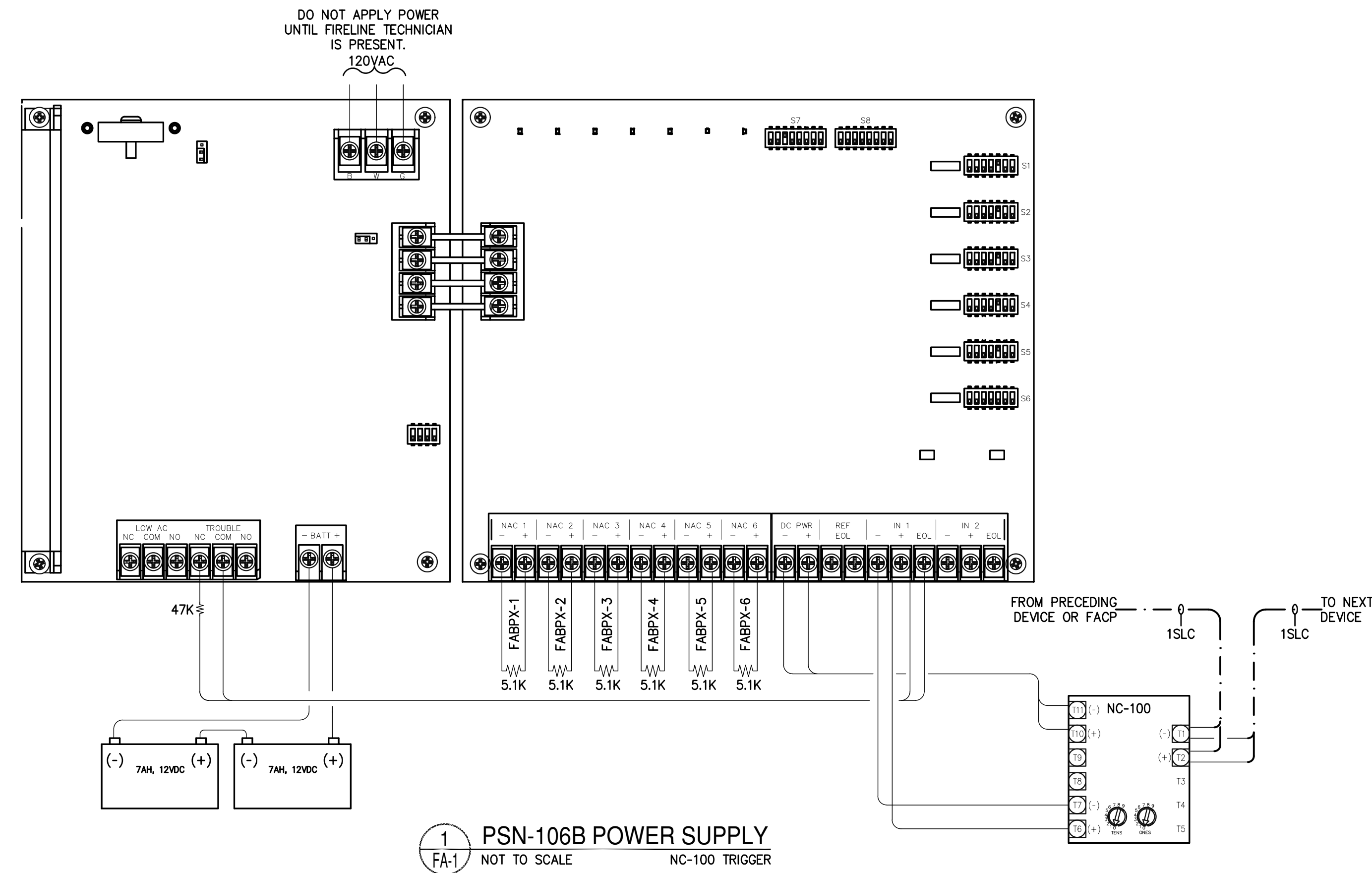
BY	REVISION	DATE

EQUIPMENT SUPPLIER: Fireline powered by encore MAIN OFFICE: 4506 HOLLINS FERRY RD BALTIMORE, MD 21227 410.247.1422 VA. OFFICE: 12 CAROLAN PARK DR UNIT 103 LEBANON, VA 22075 703.779.8728	INSTALLER: FIRELINE 4506 HOLLINS FERRY RD BALTIMORE, MD 21227 (410)247-1422
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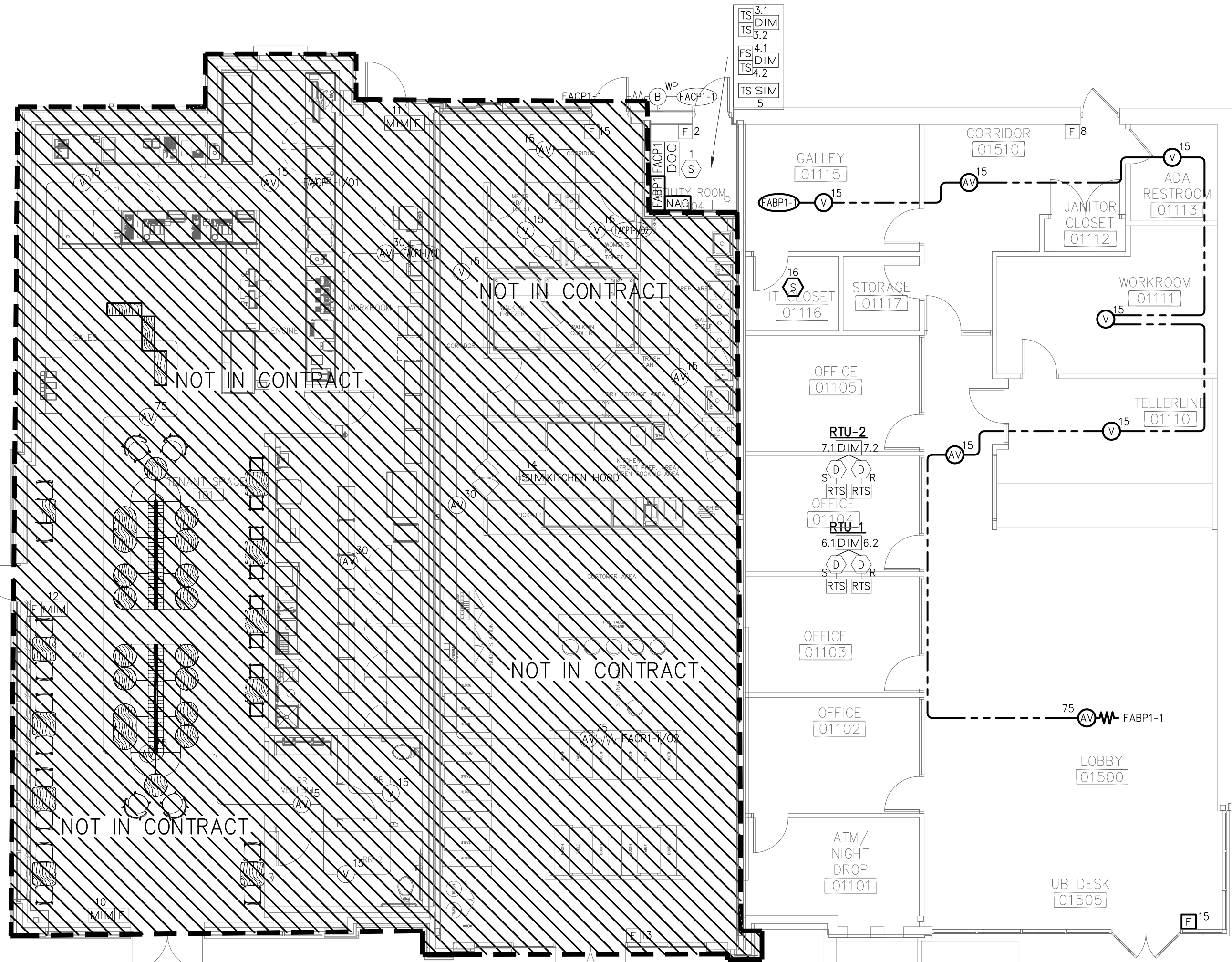
DRAWING TITLE: RISER, MATRIX	
PROJECT: 45832320	DRAWING NUMBER
JOB NAME: ATLANTIC UNION BANK	FA-1
ADDRESS: 4004 BOSTON STREET BALTIMORE, MD 21224	
DATE: 02/03/26	SCALE: AS SHOWN
DRAWN BY: HS	DESIGNED BY: HS
CHECKED BY: IBV	SHEET: 1 OF 1

THIS DRAWING SET HAS BEEN PREPARED IN COMPLIANCE WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS PROVIDED BY THE ENGINEER OF RECORD.

ISMAEL BLADIMIR VENTURA
NICET LEVEL IV
CERTIFICATION # 146187
EXPIRES: 12/2026
SIGNED: *Ismael Bladimir Ventura*
DATE: Mar 06, 2026

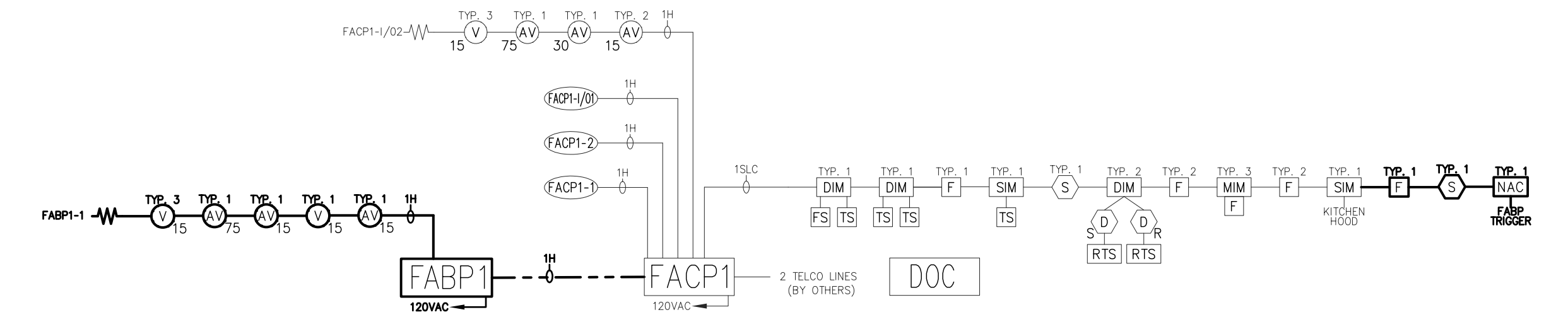


1 PSN-106B POWER SUPPLY
FA-1 NOT TO SCALE
NC-100 TRIGGER



2 DEVICE LAYOUT - 1ST FLOOR
FA-1

GENERAL DRAWING NOTES:
FADED DEVICES ARE BY OTHERS OR EXISTING. NEW DEVICES ARE BOLD.
CEILING HEIGHT IS 10' OR LESS U.N.O.
ADDRESSES TO BE ASSIGNED IN THE FIELD ONCE AVAILABLE ADDRESSES ARE VERIFIED.



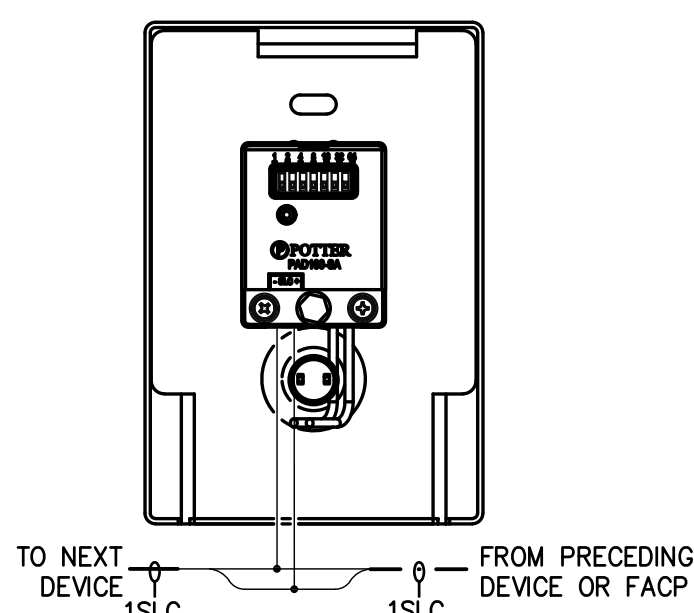
4 RISER DIAGRAM
FA-1 NOT TO SCALE

EXISTING DEVICES ARE FADED. NEW DEVICES ARE BOLD.

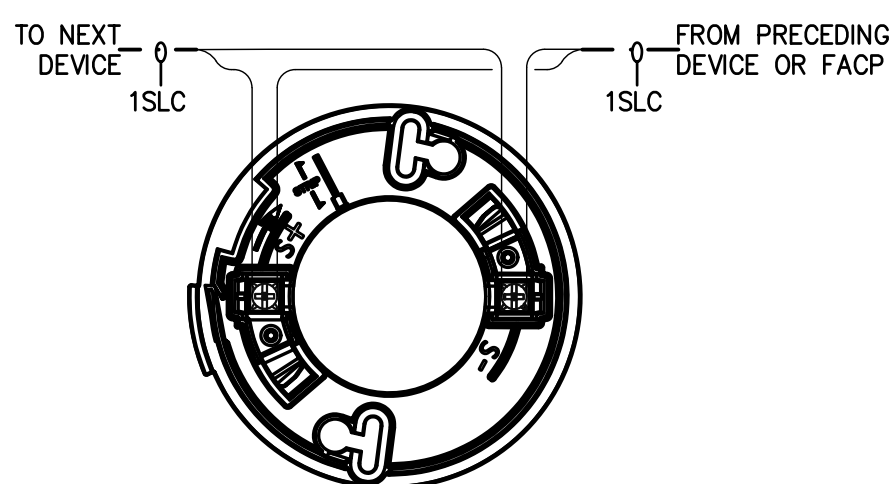
FIRE ALARM SYSTEM OPERATIONAL MATRIX		PANEL FUNCTIONS				ANNUNCIATION NOTIFICATION		FANS	
		The red "ALARM" LED will illuminate and a distinct tone will sound at the FACP.	Transmit an ALARM signal to the supervising station.	The yellow "SUPERVISORY" LED will illuminate and a distinct tone will sound at the FACP.	Transmit an SUPERVISORY signal to the supervising station.	The yellow "TROUBLE" LED will illuminate and a distinct tone will sound at the FACP.	Transmit an TROUBLE signal to the supervising station.	Display an alphanumeric message on the FACP and record the event (as shown on the display) in the history buffer.	Activate the outdoor notification appliance at the Fire Department Connection
System Alarm Signals	Associated With								
Manual Station	Common Areas	X	X					X	
Smoke Detector	Control Panel	X	X					X	
Sprinkler Flow Switches Wet or Dry (pressure) Type	Common areas	X	X					X	X
Kitchen Hood Suppression System	Kitchen	X	X					X	
System Supervisory Signals									
Duct Smoke Detector	Air Handler			X	X			X	X
Sprinkler Tamper Switches	Common Areas			X	X			X	
System Trouble Signals									
Equipment Component Failure						X	X	X	
AC Power / Battery Failure						X	X	X	
Circuitry Fault or Failure						X	X	X	

3 EXISTING SYSTEM MATRIX
FA-1 NOT TO SCALE

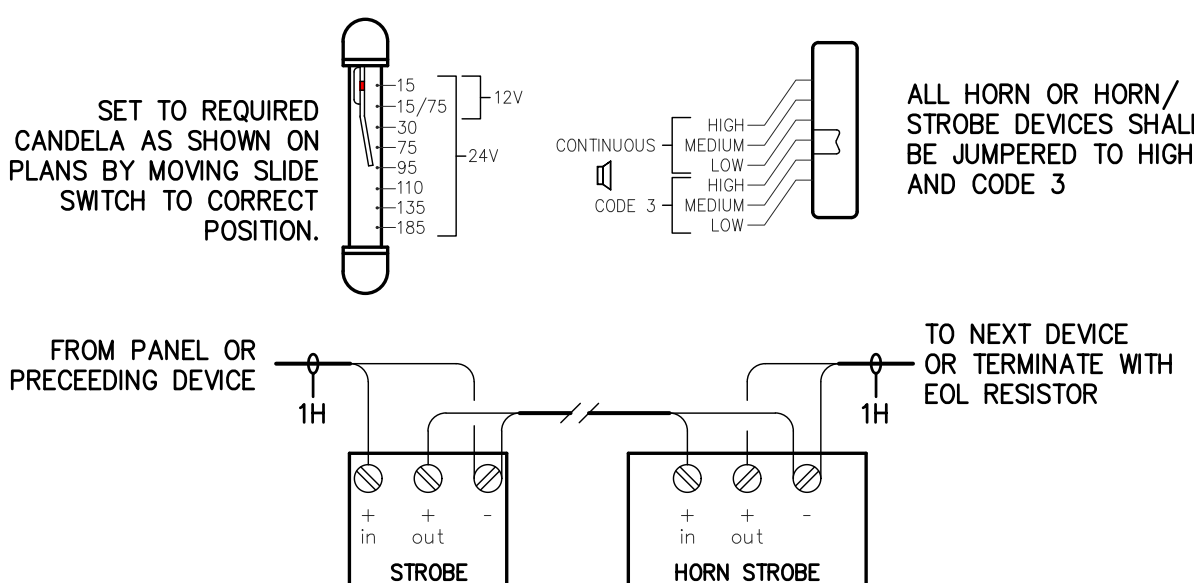
THE PURPOSE OF THIS MATRIX IS TO SHOW THE OPERATION OF THE NEW DEVICES BEING ADDED. ALL EXISTING DEVICES SHALL FOLLOW THE EXISTING APPROVED FIRE ALARM BUILDING MATRIX.



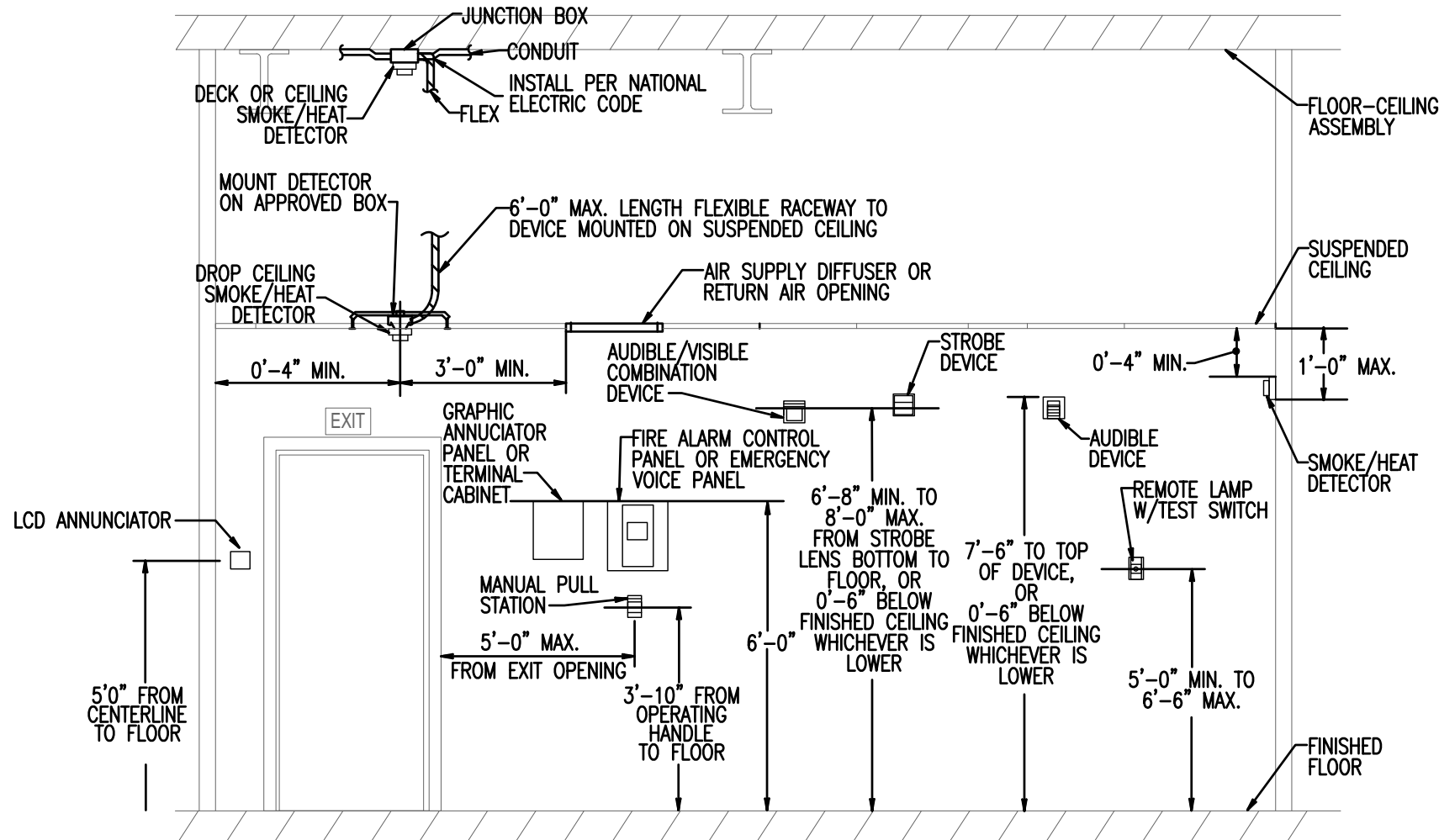
5 DETAIL - PAD100-PSSA/PSDA PULL STATION
FA-1 NOT TO SCALE



6 DETAIL - PAD100/300-6B/4B DETECTOR BASE
FA-1 NOT TO SCALE



7 DETAIL - ELUXA SERIES AUDIO/VISUAL DEVICES
FA-1 NOT TO SCALE



8 GENERAL DEVICE MOUNTING DETAIL
FA-1 NOT TO SCALE

DETAIL IS TO SHOW GENERAL MOUNTING PER CODE OR JOCKEY. NOT ALL DEVICES MAY BE USED ON THIS PROJECT.