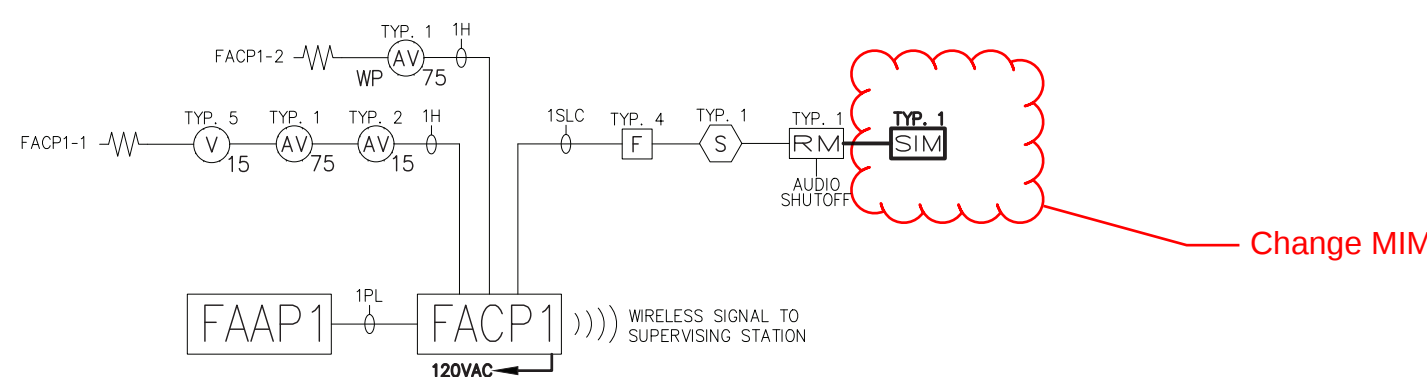


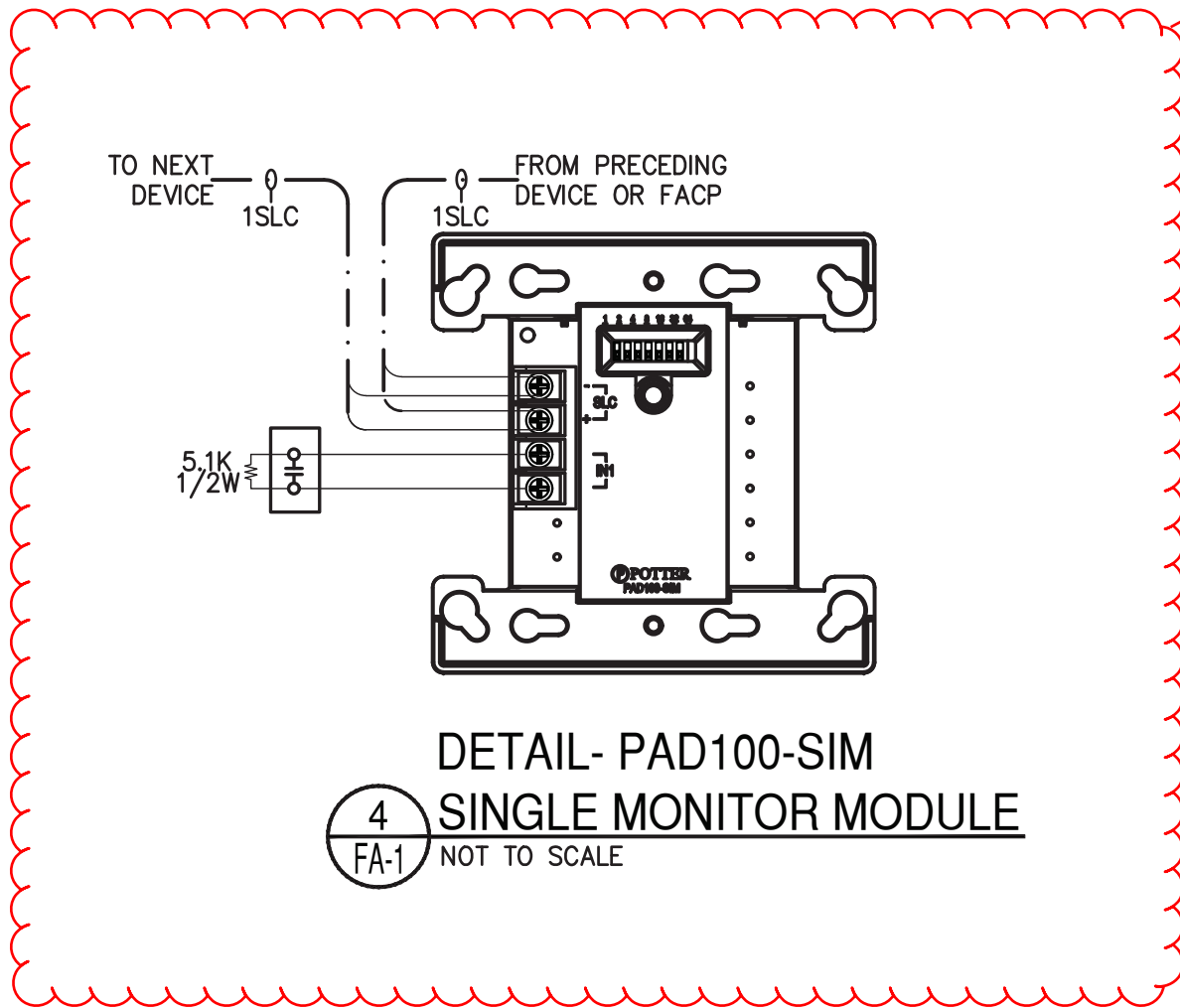


1 RISER DIAGRAM
FA-1 NOT TO SCALE

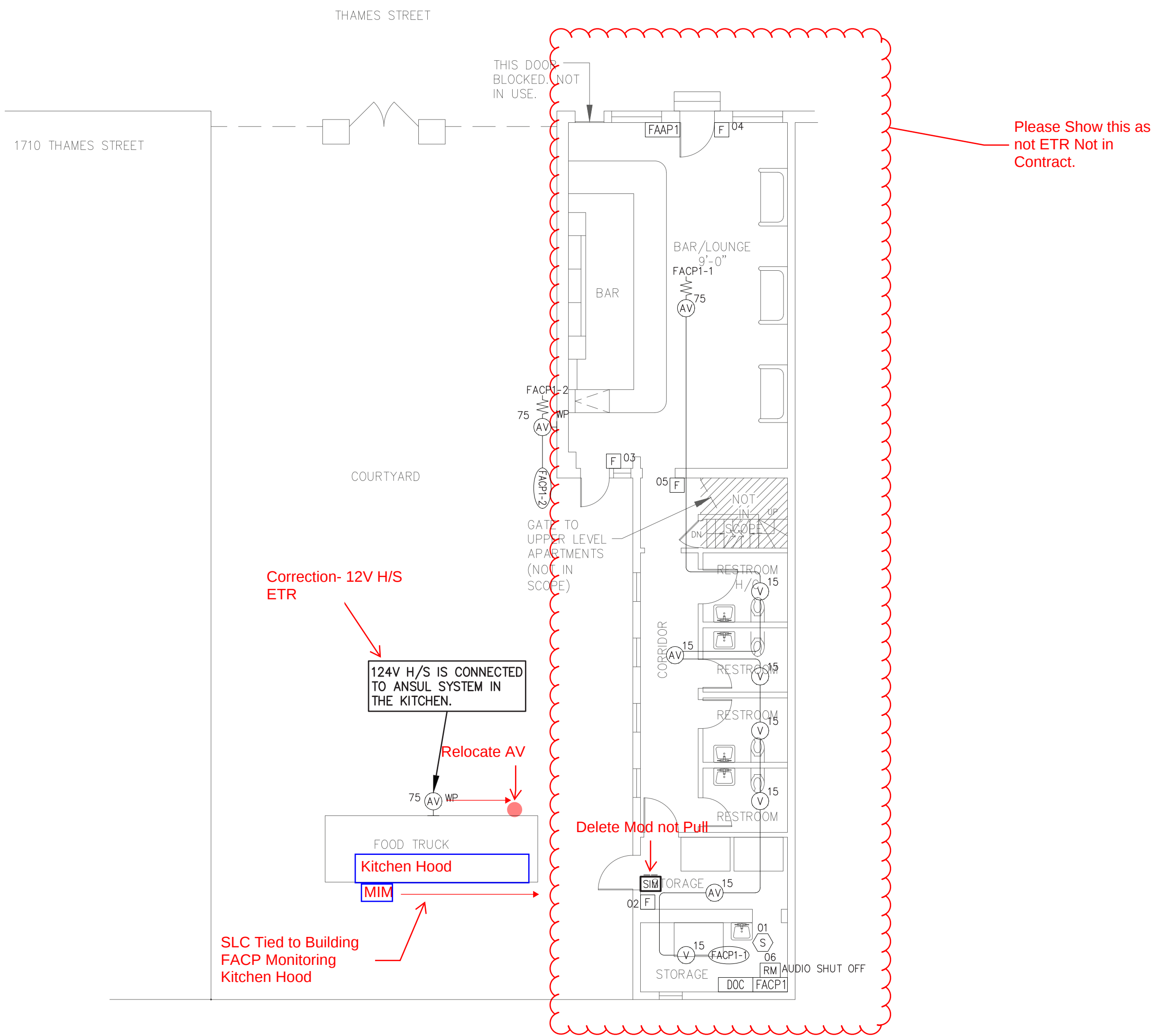
FIRE ALARM SYSTEM OPERATIONAL MATRIX		PANEL FUNCTIONS					ANNUNCIATION	NOTIFICATION	AUXILIARY
System Alarm Signals		Associated With							
Manual Station		Common Areas	X	X			X	X	X
Smoke Detector		Common Areas or Fire Alarm Control Panels	X	X			X	X	X
System Trouble Signals									
Equipment Component Failure					X	X	X	X	
AC Power / Battery Failure					X	X	X	X	
Circuitry Fault or Failure					X	X	X	X	

2 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.

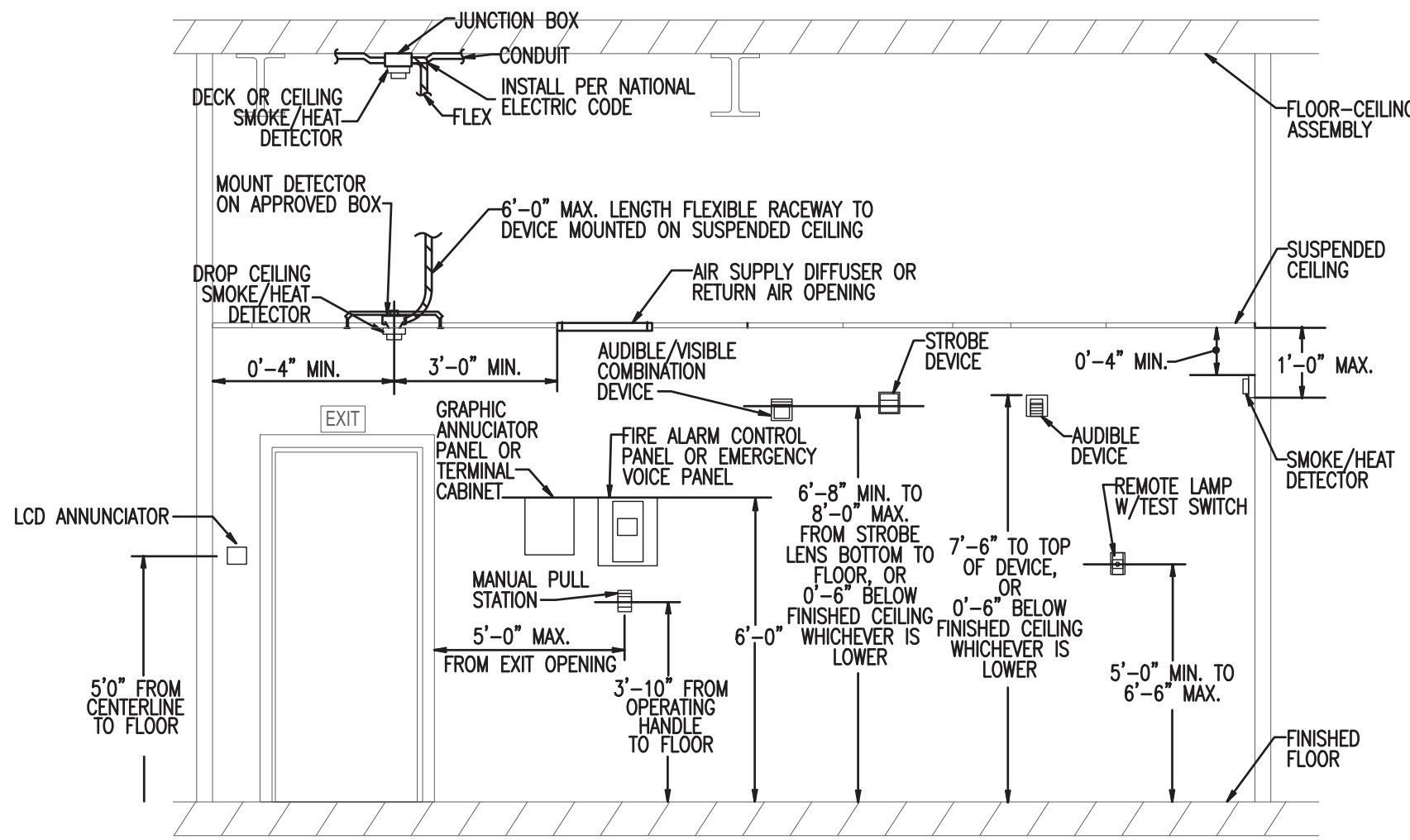


4 DETAIL- PAD100-SIM
FA-1 NOT TO SCALE



3 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.



5 GENERAL DEVICE MOUNTING DETAIL
FA-1 NOT TO SCALE

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

SCOPE OF WORK

THE SCOPE OF WORK FOR THIS PROJECT IS TO ADD A NEW DEVICES TO AN EXISTING BUILDING AS SHOWN ON THE DRAWING FLOOR PLAN.
THE NEW ADDRESSABLE DEVICES SHALL BE CONNECTED TO THE EXISTING SLC CIRCUIT.
THE BUILDING IS NOT SPRINKLERED.

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 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
D	TELEPHONE CABLE WITH RJ31X JACKS
H	2C - 14AWG - NAC CKT.
PL	4C - 16AWG - PLINK
SLC	2C - 16AWG TWISTED PAIR - SLC LINE (MAX 50 OHMS PER BRANCH) (FPL-WEST PENN D990) (FPLR- WEST PENN 990) (FPLP- WEST PENN 60991B) OR APPROVED EQUALS
Z	2C - 16AWG - MONITORED ZONE

MUST BE FIRE ALARM RATED CABLE PER N.E.C.

SYMBOL LEGEND

SYMBOL	DESCRIPTION
[FA-1]	FIRE ALARM CONTROL PANEL (# = CABINET NUMBER)
[DOB]	FIRE ALARM DOCUMENT BOX
[SIM]	ADDRESSABLE MONITOR MODULE - SINGLE INPUT
[RM]	ADDRESSABLE RELAY MODULE
[SD]	ADDRESSABLE SMOKE DETECTOR, PHOTOTELECTRIC
[F]	ADDRESSABLE MANUAL PULL STATION
[H]	HORN/STROBE - CEILING MOUNTED (#=CANDELA)
[H]	STROBE - CEILING MOUNTED (#=CANDELA)
[H]	HORN/STROBE - WALL MOUNTED (#=CANDELA)
[W]	END OF LINE RESISTOR

SUBSCRIPTS: S=SUPPLY R=RETURN UF=UNDER FLOOR AC=ABOVE CEILING WP=WEATHER PROOF D=DAMPEN 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)	DEVICE SUB ADDRESS (IF USED)	PANEL NUMBER	CIRCUIT NUMBER
	X-XX-X			

BY	REVISION	DATE

EQUIPMENT SUPPLIER:

Fireline
powered by **enora**

MAIN OFFICE:
4506 HOLLINS FERRY RD
BALTIMORE, MD 21227
410.247.1422

VA. OFFICE:
12 CARONAL PARK DR UNIT 103
LEESBURG, VA 22075
703.779.8728

INSTALLER:

FIRELINE
4506 HOLLINS FERRY DR
BALTIMORE, MD 21227
(410)247-1422

DRAWING TITLE:

RISER, SYSTEM MATRIX AND FLOOR PLAN

PROJECT:	44803422	DRAWING NUMBER	
JOB NAME:	UNDEFEATED MARLIN/FUZZIES BURGER		
ADDRESS:	1704 THAMES STREET BALTIMORE, MD, 21231		
DATE:	12/30/25	SCALE:	AS SHOWN
DRAWN BY:	HS	DESIGNED BY:	HS
CHECKED BY:	JW		
SHEET:			2 OF 2

FA-1