

BUILDING INFORMATION		
BUILDING OCCUPANCY	:	A2, M, B
SPRINKLERED	:	FULLY SPRINKLERED
BUILDING TYPE	:	VB
NUMBER OF STORIES	:	1 STOREY BUILDING
BUILDING APPROXIMATE AREA:	:	5,103 SQ. FT.

GENERAL NOTES		
1.	ALL FIRE ALARM DEVICES MUST BE U.L. LISTED.	
2.	ALL WIRING SHALL BE IN ACCORDANCE WITH N.E.C. AND AUTHORITIES HAVING JURISDICTION.	
3.	ACCESS PANELS NECESSARY TO ACCESS FIRE ALARM EQUIPMENT FOR MAINTENANCE, TESTING AND REPAIR IS EXCLUDED. ELECTRICAL CONTRACTOR SHALL FURNISH ACCESS PANELS TO INITIATING DEVICES THAT REQUIRE SERVICING, TROUBLE SHOOTING AND MAINTENANCE.	
4.	120VAC POWER REQUIREMENTS FOR THE FIRE ALARM SYSTEM SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR AND SHALL MEET ALL REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.	
5.	ALL DEVICES BACKBOXES, TERMINAL CABINETS, GUTTERS, JUNCTION BOXES AND ASSOCIATED CONDUITS SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED. REFER TO SYMBOL LIST AND/OR MOUNTING DETAILS FOR ADDITIONAL INFORMATION. SYSTEM SUPPLIER PROVIDED BACKBOXES SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED.	
6.	ELECTRICAL POWER SERVICE SHALL BE ON A DEDICATED BRANCH CIRCUIT(S). THE CIRCUIT(S) AND CONNECTIONS SHALL BE MECHANICALLY PROTECTED (CIRCUIT BREAKERS SHALL BE LOCKED IN THE ON POSITION WITH AN APPROVED MECHANICAL CLIP). CIRCUIT DISCONNECTING MEANS SHALL HAVE A RED MARKING, SHALL BE ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL AND SHALL BE PERMANENTLY IDENTIFIED AT THE FIRE ALARM CONTROL UNIT. (NFPA 72, 2019).	
7.	ALL WIRING SHALL BE CUT FOR IN AND OUT. WIRING SHALL NOT BE LOOPED THROUGH DEVICES.	
8.	POINT AND COMMON ANNUNCIATION AND T-TAPPING ARE PROHIBITED (T-TAPPING IS ALLOWABLE ON ADDRESSABLE CLASS B SLC LOOPS ONLY).	
9.	ALL DEVICES IN THE ALARM SYSTEM SHALL BE COMPATIBLE AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.	
10.	ALL WIRING, INITIATING DEVICES AND ANNUNCIATOR PANEL SHALL BE SUPERVISED TO THE PRINCIPAL POINT OF ANNUNCIATION. THE FIRE ALARM CONTROL UNIT TO SUPERVISE THE ANNUNCIATOR PANEL, ALL INITIATING AND INDICATING DEVICE CIRCUITS.	
11.	UPON COMPLETION OF ALL INSTALLATION AND TESTING, THE CONTRACTOR SHALL PROVIDE TO THE AUTHORITY HAVING JURISDICTION AND THE BUILDING OWNER A COMPLETED AND SIGNED NFPA 72, 2019 CERTIFICATE OF COMPLETION AND AS-BUILT PLANS (RECORD DRAWING).	
13.	AREAS HAVING MORE THAN 2 STROBES IN THE FIELD OF VIEW SHALL BE SYNCHRONIZED PER NFPA 72, 2019.	

SEQUENCE OF OPERATION

SYSTEM INPUTS	CONTROL UNIT ANNUNCIATION								NOTIFICATION							
	ACTIVATE COMMON ALARM SIGNAL INDICATOR	ACTIVATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTIVATE TROUBLE SIGNAL INDICATOR						TRANSMIT ALARM SIGNAL TO CENTRAL STATION	TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION	TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION		ACTIVATE ALL NOTIFICATION APPLIANCE	ACTIVATE WATER FLOW WEATHERPROOF HORN/STROBE		
1	MANUAL PULL STATION	•								•				•		
2	SMOKE DETECTOR ABOVE THE FACP	•								•				•		
3	DUCT DETECTOR	•								•				•		
4	AREA SMOKE DETECTORS	•								•				•		
5	AREA HEAT DETECTOR	•								•				•		
6	WATER FLOW	•								•				•	•	
7	TAMPER SWITCH		•								•					
8	FIRE ALARM AC POWER FAILURE			•								•				
9	FIRE ALARM SYSTEM LOW BATTERY			•								•				
10	GENERAL TROUBLE - FIRE ALARM WIRE (CLASS B)			•								•				
11	OPEN CIRCUIT			•								•				
12	GROUND FAULT			•								•				
13	WIRE-TO-WIRE SHORT			•								•				
	CELLULAR COMMUNICATOR TROUBLE			•								•				

FIRE ALARM SYSTEM EAST TOWN CROSSING HOTWORX STUDIO	
727 SHAW ROAD E, PUYALLUP, WA 98372	

SCOPE OF WORK	
THIS IS AN INSTALLATION OF A NEW FIRE ALARM SYSTEM. A NEW CELLULAR COMMUNICATOR WILL BE ADDED TO TRANSMIT FIRE ALARM SIGNAL TO THE CENTRAL STATION.	

SYMBOL LEGEND & MATERIAL LIST							
QUANTITY				SYMBOL	DESCRIPTION	MANUFACTURER	MODEL #
TOTAL	NEW	RPLCED	EXSTNG				
1 2	1 2	---	---		FIRE ALARM CONTROL PANEL 12V, 8AH BATTERY	POTTER ELK	IPA-4000 BT-80
1 1	1 1	---	---		FIRE ALARM CELLULAR COMMUNICATOR 12V 8AH BATTERY	NAPCO ELK	SLE-MAX-CFBPS BT-80
1	1	---	---		DOCUMENT CABINET	SPACE AGE	SSU00685
11 11	11 11	---	---		SMOKE DETECTOR 6" DETECTOR BASE	POTTER POTTER	PAD300-PD PAD300-6DB
1 1 4	1 1 4	---	---		HEAT DETECTOR 6" DETECTOR BASE	POTTER POTTER POTTER	PAD300-HD PAD300-6DB PAD300-DUCT
4	4	---	---		REMOTE TEST SWITCH	SYSTEM SENSOR	RTS-151
3	3	---	---		MANUAL PULL STATION	POTTER	PAD100-PSSA
3	3	---	---		MONITOR MODULE	POTTER	PAD100-SIM
6	6	---	---		CONTROL RELAY MODULE	POTTER	PAD100-RM
4	4	---	---		HORN/STROBE - CEILING MOUNT WP = WEATHERPROOF	POTTER	PE-3RHS-FW
1	1	---	---		HORN/STROBE - WALL MOUNT WP = WEATHERPROOF	POTTER	PE-3RHS-FW
1	1	---	---		HORN/STROBE - WALL MOUNT	POTTER	PE-HSW
1	1	---	---		STROBE - WALL MOUNT	POTTER	PE-STW
1	1	---	---		STROBE - CELING MOUNT	POTTER	PE-STWC
2	2	---	---		STROBE - CELING MOUNT WP = WEATHERPROOF	POTTER	PE-RST-FW
1	1	---	---		STROBE - WALL MOUNT WP = WEATHERPROOF	POTTER	PE-RST-FW

DEVICE DESIGNATION LEGEND	
INITIATING DEVICES EXAMPLE: — DEVICE ADDRESS NUMBER — DEVICE TYPE [D = DETECTORS M = MODULES] — SIGNALING LINE CIRCUIT # — DEVICE SYMBOL (SMOKE SENSOR)	NOTIFICATION DEVICES EXAMPLE: — SPEAKER CIRCUIT REFERENCE NUMBER — STROBE CIRCUIT REFERENCE NUMBER — CEILING MOUNT — STROBE CANDELA SETTING — SPEAKER WATTAGE SETTING
FIRE ALARM SERVICE COMPANY	MONITORING COMPANY
INSTALLATION COMPANY MAX POWER ELECTRIC 5009 PACIFIC HWY E, SUITE 13 FIFE, WA 98424 LICENSE# MAXPOPE815M9 E-MAIL: service@maxpowermw.com CONTACT NO.: (253) 838-4400	NORTHWEST ALARM MONITORING LLC 1743 1ST AVE STE 201, SEATTLE, WA 98134 PHONE NO.: 877-870-0910

CIRCUIT & WIRE LEGEND				
ID	TYPE OF CKT	WIRING CLASS	CIRCUIT DESCRIPTION	MINIMUM SIZE AND TYPE OF WIRE
A	SLC	B	SIGNALING LINE CIRCUIT	16/2 AWG SOLID TYPE FPLP NONSHLD
V	NAC	B	NOTIFICATION APPLICATION CIRCUIT	14/2 AWG SOLID TYPE FPLP NONSHLD
C	COMM	B	COMMUNICATION CIRCUIT	18/2 AWG SOLID TYPE FPLP NONSHLD

SHEET INDEX	
SHEET NO.	SHEET DESCRIPTION
FA0.01	GENERAL INFORMATION & SEQUENCE OF OPERATION
FA1.01	FLOOR AND ROOF PLANS, RISER DIAGRAM
FA3.01	CALCULATIONS AND DEVICE DETAILS
FA4.01	DEVICE DETAILS

REFERENCED CODES	
2021 INTERNATIONAL BUILDING CODE AS ADOPTEDEIBC 2021 2021 INTERNATIONAL MECHANICAL CODE AS ADOPTED 2021 INTERNATIONAL FIRE CODE AS ADOPTED UPC 2021 NFPA 72 2019 NFPA 13 2019 NFPA 70 2020 ANSI A117.1	

VICINITY MAP	

License# MAXPOPE815M9
5009 Pacific HWY E, Suite 13 Fife, WA 98424
E-mail: service@maxpowermw.com Contact #: (253) 838-4400

Jeremey Locken, ET

NICET Level III Fire Alarm
Certification #: 95603
Expires 07/2027

REV	DESCRIPTION	DATE	BY
1	REVISED PER AHJ COMMENTS	01/29/2026	
0	PLAN CHECK	12/12/2025	

EAST TOWN CROSSING
HOTWORX STUDIO
FIRE ALARM SYSTEM

727 SHAW ROAD E,
PUYALLUP, WA 98372

DRAWN / DESIGN BY

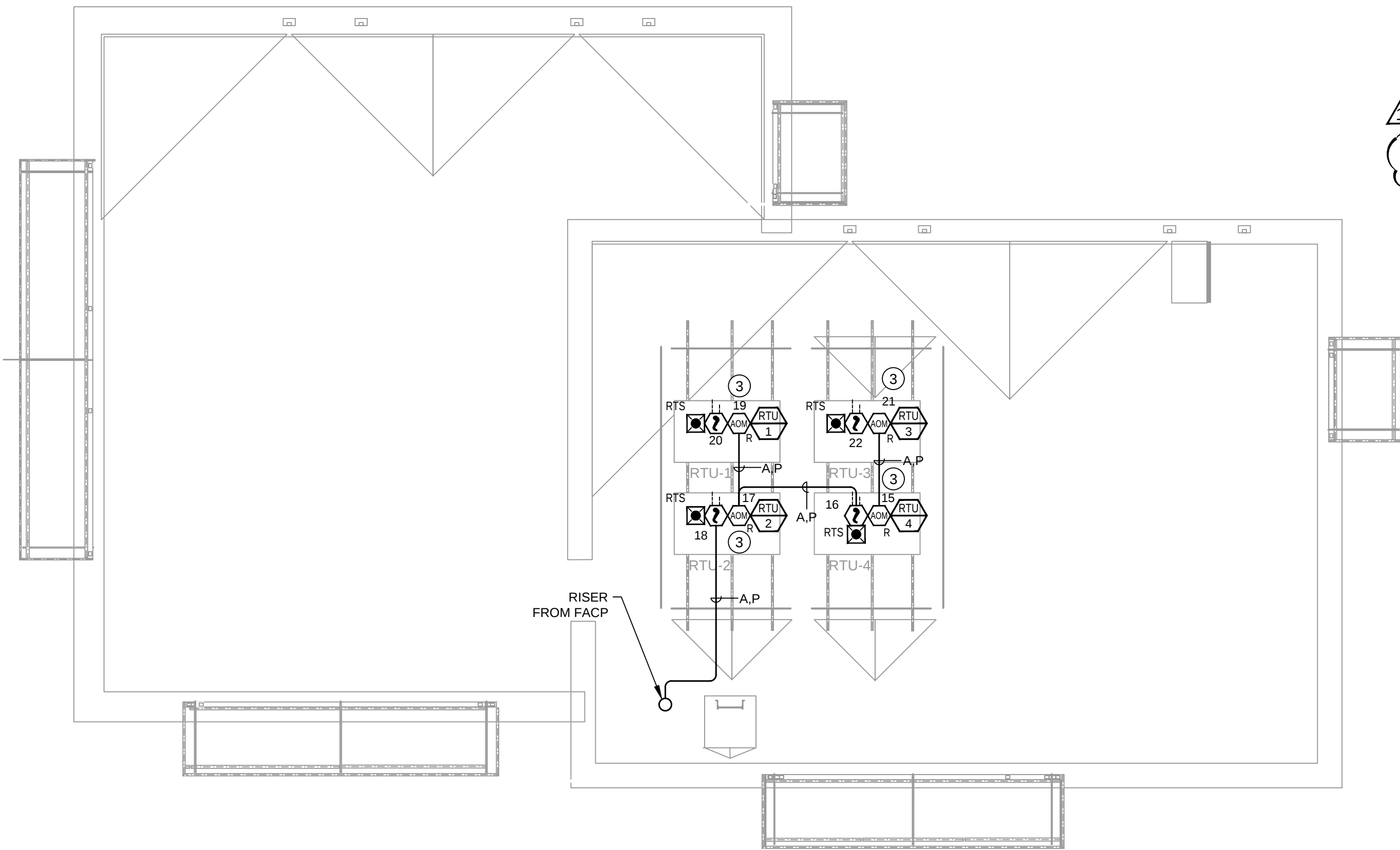
CHECKED BY
JL
DATE
12/12/2025

PROJECT NAME
EAST TOWN CROSSING
HOTWORX STUDIO

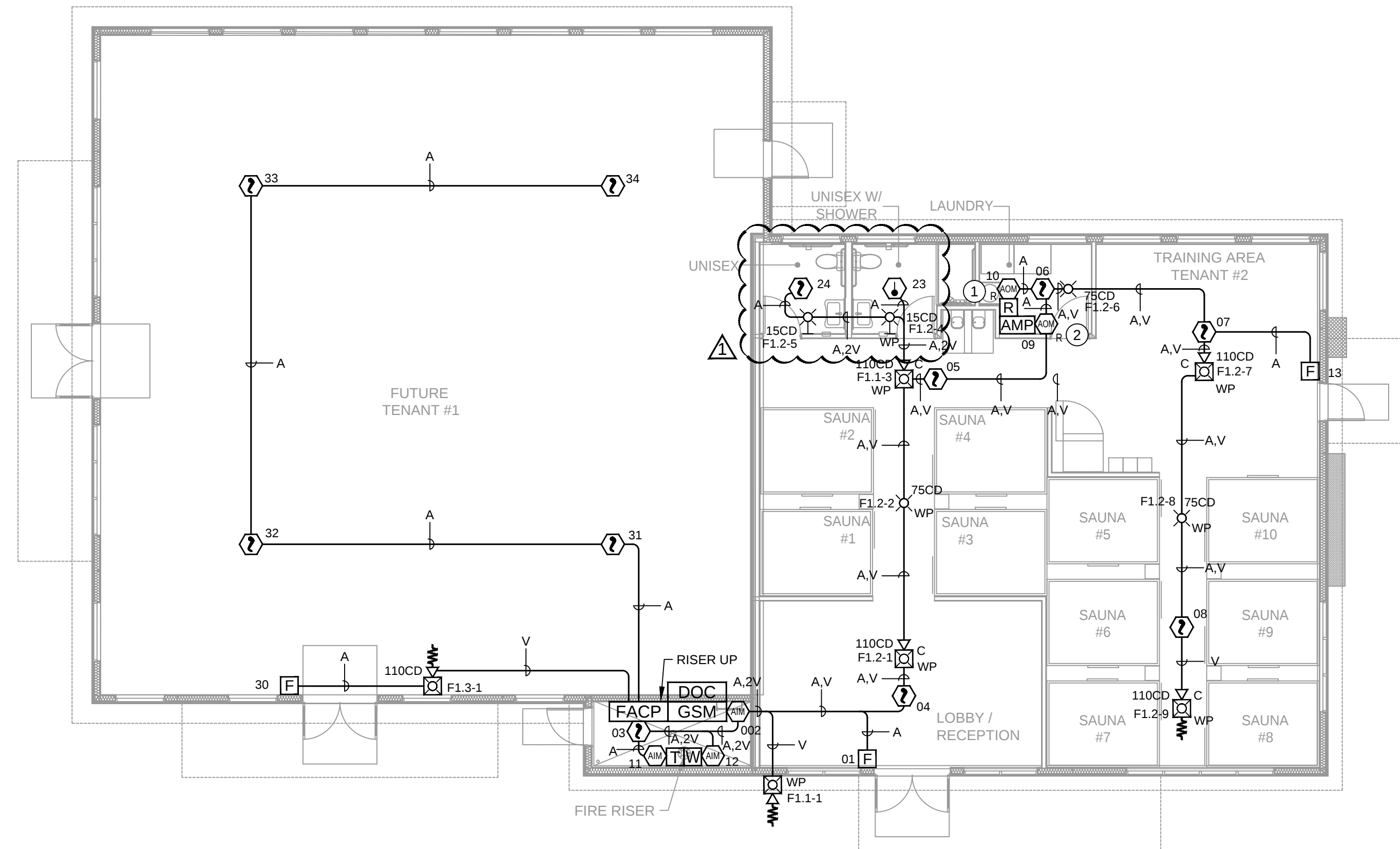
PROJECT #
12092025

SHEET DETAIL
GENERAL INFORMATION
AND SEQUENCE
OF OPERATION

SHEET NUMBER
FA0.01



TRUE NORTH
BUILDING ROOF PLAN
SCALE: 1/8" = 1'-0"
0 4 8 16
(IN FEET)



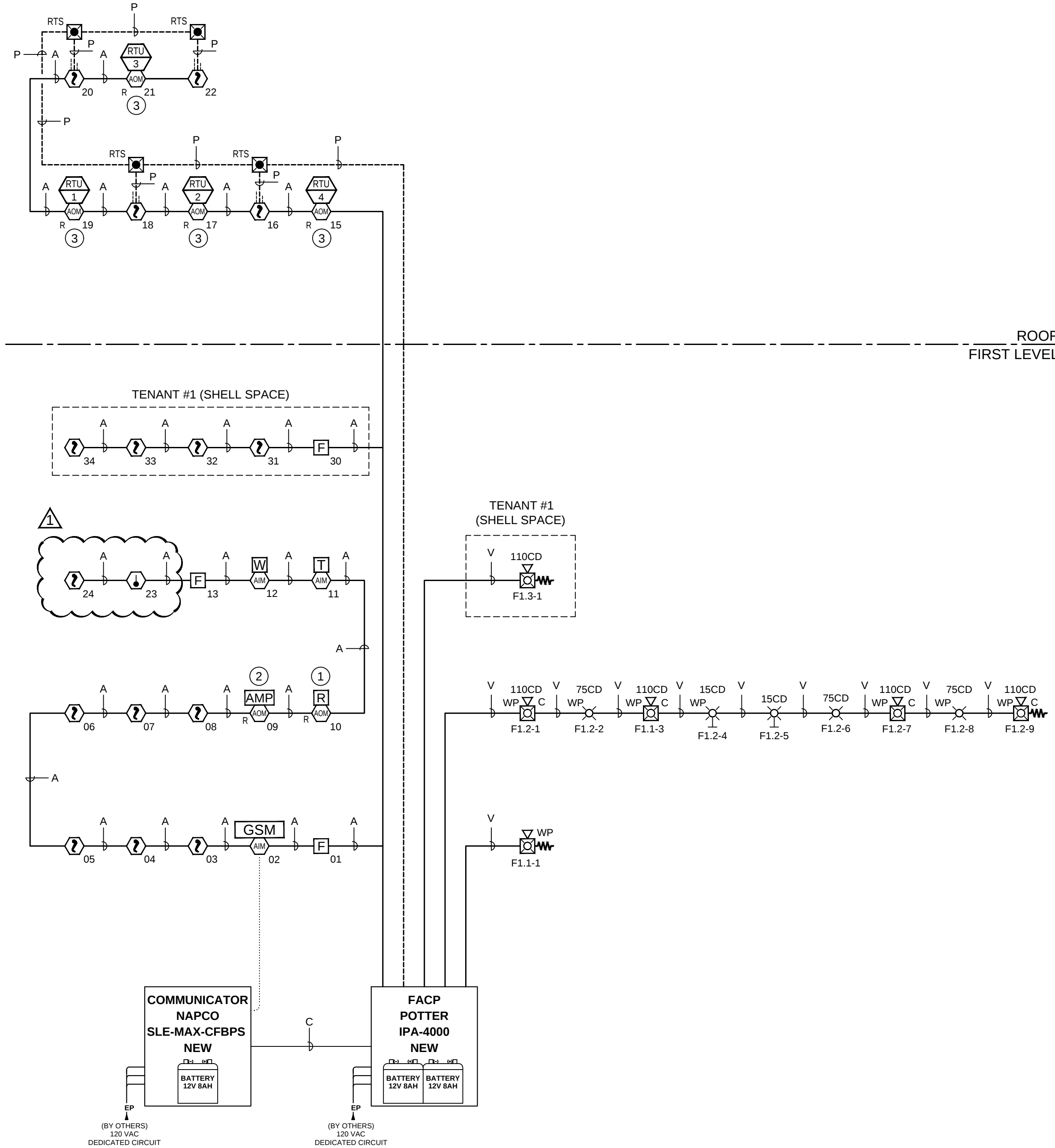
TRUE NORTH
BUILDING FLOOR PLAN
SCALE: 1/8" = 1'-0"
0 4 8 16
(IN FEET)

SYMBOL LEGEND	
SYMBOL	DESCRIPTION
[FACP]	FIRE ALARM CONTROL PANEL
[GSM]	CELLULAR COMMUNICATOR
[DOC]	DOCUMENT CABINET
[?]	SMOKE DETECTOR
[?]	HEAT DETECTOR
[?]	DUCT SMOKE DETECTOR
[RTS]	REMOTE TEST SWITCH
[F]	MANUAL PULL STATION
[MM]	MONITOR MODULE
[RM]	RELAY MODULE
[C WP]	HORN/STROBE - CEILING MOUNT WP = WEATHERPROOF
[WP]	HORN/STROBE - WALL MOUNT WP = WEATHERPROOF
[WP]	HORN/STROBE - WALL MOUNT
[X]	STROBE - WALL MOUNT
[X WP]	STROBE - WALL MOUNT WP = WEATHERPROOF
[X]	STROBE - CEILING MOUNT
[X WP]	STROBE - CEILING MOUNT WP = WEATHERPROOF
[AMP]	SOUND SYSTEM RECIEVER - F.B.O.
[R]	ROCKBOT - F.B.O.
[RTU #]	ROOF TOP UNIT - F.B.O.
F.B.O.	FURNISHED BY OTHERS

WIRE TAG DESIGNATION		
ID	TYPE OF CIRCUIT	CIRCUIT DESCRIPTION
A	SLC	SIGNALING LINE CIRCUIT 16/2 AWG - SOLID - NONSHEILDED
V	NAC	NOTIFICATION APPLIANCE CIRCUIT 14/2 AWG - SOLID - NONSHEILDED
C	COMM	COMMUNICATION CIRCUIT 18/2 AWG - SOLID - NONSHEILDED
P	24VDC	POWER CIRCUIT 14/2 AWG - SOLID - NONSHEILDED

- KEY NOTES
- 1 FA RELAY - TO OVERRIDE ACCESS CONTROL PANEL
 - 2 FA RELAY - TO SHUTDOWN SOUND SYSTEM
 - 3 FA RELAY - TO SHUTDOWN RTU UNIT

RISER DIAGRAM



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5009 Pacific HWY E, Suite 13, Puyallup, WA 98424
E-mail: service@maxpowernw.com Contact #: (253) 838-4400

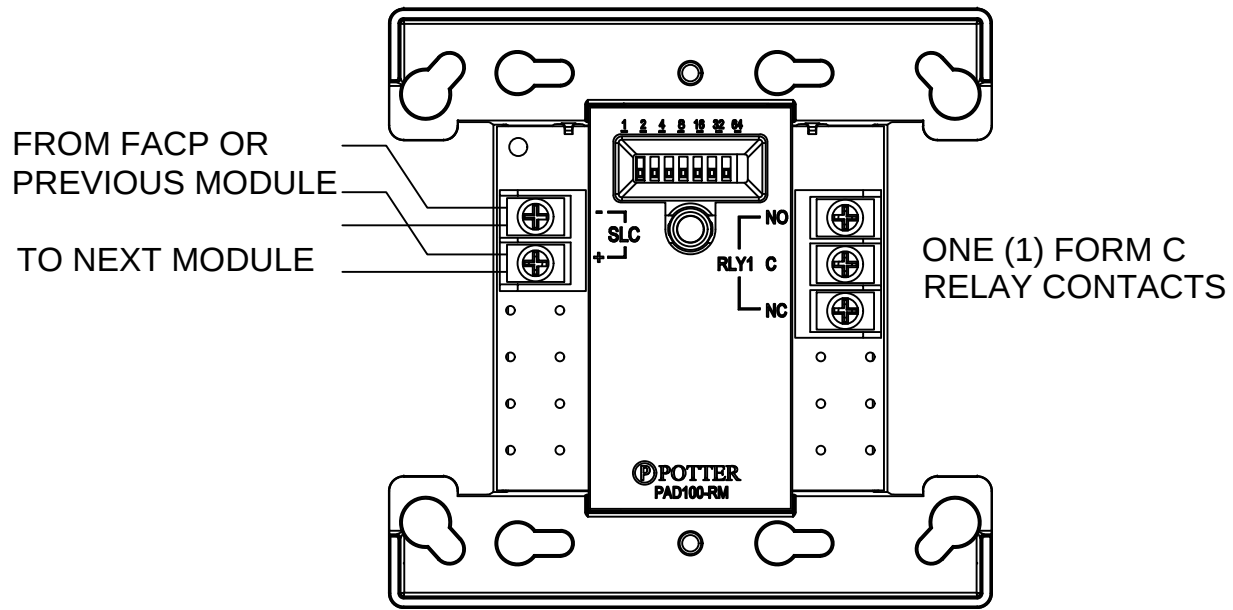
Jeremy Locken, ET
NICET Level III Fire Alarm
Certification #: 95603
Expires 07/2027

REV	DESCRIPTION	DATE	BY
1	REVISED PER AHJ COMMENTS	01/29/2026	LSDS
0	PLAN CHECK	12/12/2025	LSDS

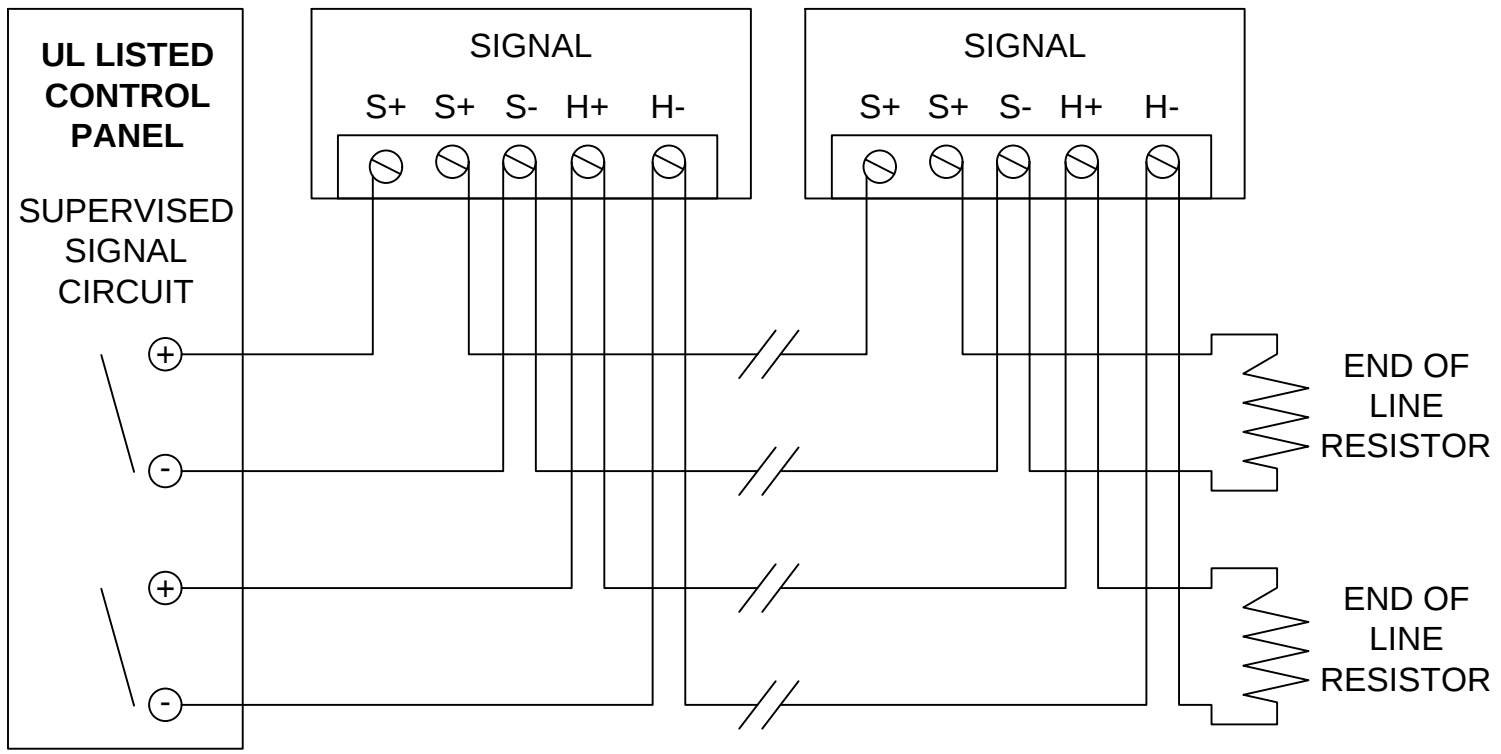
EAST TOWN CROSSING
HOTWORX STUDIO
FIRE ALARM SYSTEM
727 SHAW ROAD E,
PUYALLUP, WA 98372

DRAWN / DESIGN BY	LSDS
CHECKED BY	JL
DATE	12/12/2025
PROJECT NAME	EAST TOWN CROSSING HOTWORX STUDIO
PROJECT #	12092025
SHEET DETAIL	FLOOR AND ROOF PLANS
SHEET NUMBER	FA1.01

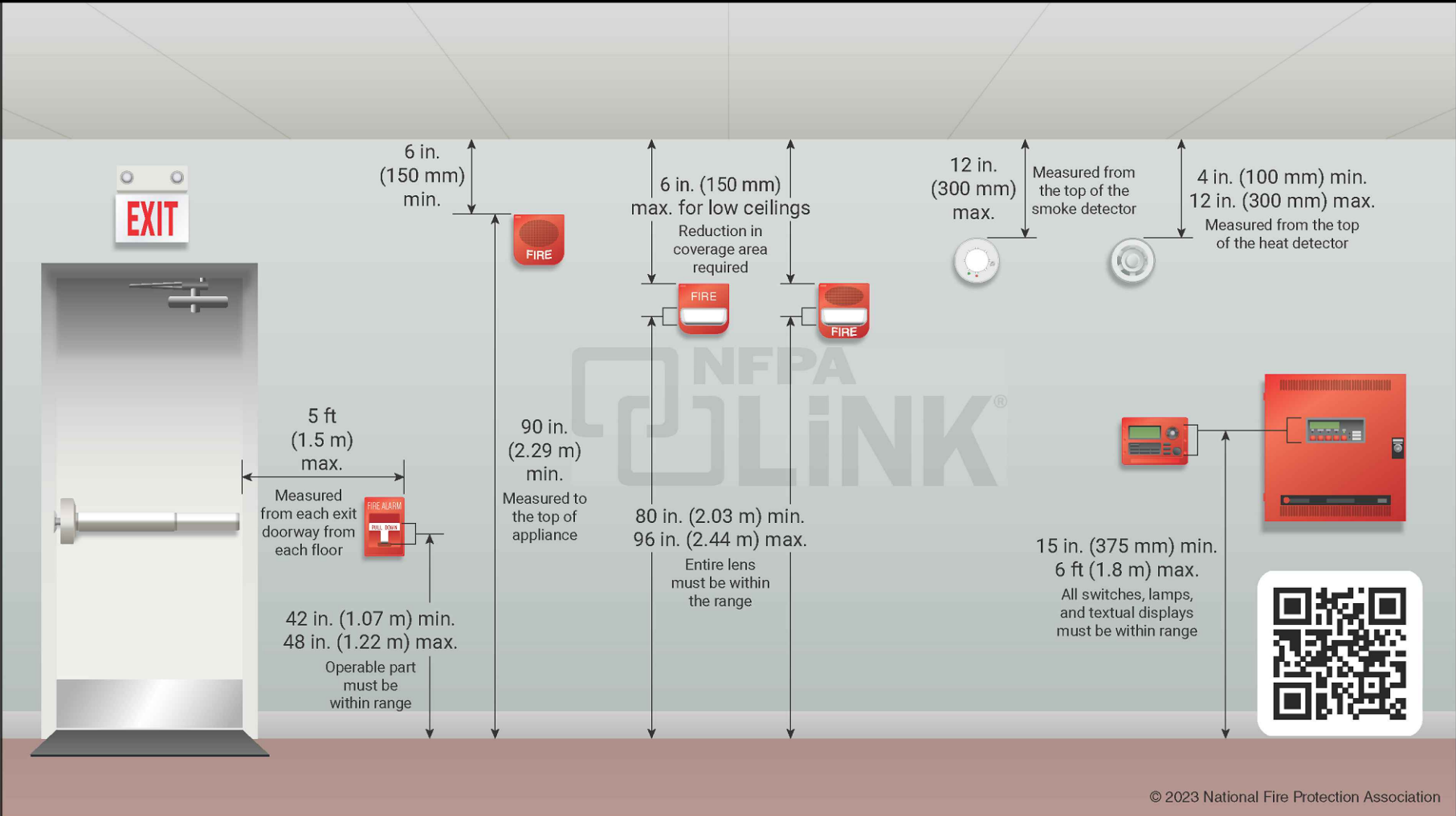
PAD100-RM CONTROL RELAY MODULE
WIRING DETAIL



POTTER TYPICAL NOTIFICATION
DEVICE WIRING DETAIL

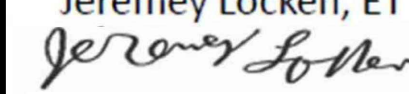


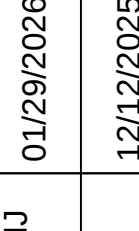
DEVICE MOUNTING DETAIL





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PROJECT NAME
EAST TOWN CROSSING
HOTWORX STUDIO

PROJECT #
12092025

SHEET DETAIL
DEVICE DETAILS

SHEET NUMBER
FA4.01