



**SWINERTON**

# Submittal Record

Date: December 3, 2024

LS3P ASSOCIATES LTD.  
205 1/2 KING STREET,  
CHARLESTON, SC 29401

Attn: Anne Bean

Submittal # 283100.001  
 Cycle 1  
 Sub-Section  
 Description Fire Alarm  
 Type Shop Drawings  
 Status Open  
 Copies  
 Subcontractor SOUTH-FAIR ELECTRIC  
 CONTRACTORS, INC  
 Contact Name Chris Duven  
 Returned Due  
 Date 12/17/2024

Submittal Stamp	
Swinerton Builders	
Submittal # 283100.001	
Reviewed only as to the general design and requirements of the contract documents. Subcontractor to verify dimensions, quantities, and field conditions for proper and complete installation of this work. Approval shall not relieve subcontractor or supplier from responsibility for errors or deviations from the contract documents	
By	Kwizera Josephat
Date	12/3/2024

### STAMPS:

SUBMITTAL REVIEW  
 THIS REVIEW IS FOR GENERAL COMPLIANCE WITH THE DESIGN INTENT OF THE CONTRACT DOCUMENTS. ALL COORDINATION OF THE WORK AND STRICT COMPLIANCE WITH THE CONTRACT DOCUMENTS IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE SUITABILITY OF ANY SUBSTITUTE MATERIALS AS DEPICTED IN THIS SUBMITTAL

<input type="checkbox"/>	REVIEWED
<input checked="" type="checkbox"/>	REVIEWED AS NOTED
<input type="checkbox"/>	REVISE AND RESUBMIT
<input type="checkbox"/>	REJECTED

BARRETT, WOODYARD, & ASSOCIATES, INC.  
 BY: AMR DATE: 12/05/24

Sincerely,

Kwizera Josephat  
Swinerton Builders



1000 N. MAIN ST., STE. 201  
 FUQUAY VARINA, N.C. 27526  
 Ph. 919.346.4630  
 NC LICENSE # SP.FA/LV.31726

**SCOPE OF WORK**

STAR LIFE SAFETY SHALL INSTALL A NEW ADDRESSABLE FIRE ALARM SYSTEM. THE ADDRESSABLE FIRE ALARM SYSTEM WILL HAVE VOICE COMMUNICATION IN THE USE OF HORN/STROBE NOTIFICATION DEVICES. SIGNAL LINE CIRCUITS FOR INITIATING DEVICES WILL ALSO BE INSTALLED. INSTALLATION OF ALL DEVICES SHALL MEET LOCAL AHJ & NFPA REQUIREMENTS.

**SYSTEM INFORMATION:**

SYSTEM TYPE: SIEMENS ADDRESSABLE FIRE ALARM SYSTEM  
 NOTIFICATION CIRCUIT: [4 CLASS "B" CIRCUIT]  
 SLC CIRCUIT: [1 CLASS "B" CIRCUIT]

**BUILDING INFORMATION:**

BUILDING STORIES: [1 STORY BUILDING]  
 BUILDING SQUARE FOOTAGE: [ 22,725 S.F. ]

**FIRE ALARM LEGEND**

SYMBOL	DESCRIPTION	MAN.	MODEL NO.	QTY.
[FCP]	FIRE ALARM CONTROL PANEL	SIEMENS	FC922	1
[FCPS]	FIELD CHARGING POWER SUPPLY	SIEMENS	PAD-5-6A	1
[FAA]	FIRE ALARM REMOTE ANNUNCIATOR	SIEMENS	FT2015-U5	1
[F]	PULL STATION [DUAL ACTION]	SIEMENS	XMS-0	9
[S]	PHOTOELECTRIC SMOKE DETECTOR W/ MOUNTING BASE	SIEMENS	OP921 W/DB-11	3
[H/S]	HORN/STROBE [CEILING MOUNTED] [RED] [FIRE] SEE FLOOR PLAN FOR CANDELA RATING	SIEMENS	SLHSCR-F	33
[S/S]	STROBE [CEILING MOUNTED] [RED] [FIRE] SEE FLOOR PLAN FOR CANDELA RATING	SIEMENS	SLSSCR-F	13
[SP]	SURGE PROTECTOR [120V] [FOR USE WITH PRIMARY/SECONDARY CONTROLS]	DITEK	DTK-120SRD	2
[EOL]	END OF LINE RESISTOR	F.B.O.	F.B.O.	---
F.B.O.	FURNISHED BY OTHERS	---	---	---

**REVISION LEGEND**

PAGE #	DESCRIPTION
FA-001	FIRE ALARM SCOPE OF WORK, LEGEND, MATRIX & RISER DIAGRAM
FA-002	FIRE ALARM FLOOR PLAN
FA-003	FIRE ALARM DEVICE WIRING DETAILS
FA-004	FIRE ALARM CONTROL PANEL WIRING DIAGRAM

**FIRE ALARM NOTES**

**FACP & ANNUNCIATOR INFORMATION**

- THE FIRE ALARM SYSTEM SHALL BE A NEW ADDRESSABLE SYSTEM.
- THE FIRE ALARM CONTROL PANEL (FACP) SHALL BE LOCATED IN THE BACK OF TRUCK BAY AREA.
- ALL ALARMS SHALL BE TRANSMITTED BY A UL LISTED COMMUNICATOR TO UL LISTED CENTRAL STATION.
- REMOTE ANNUNCIATOR SHALL BE READABLE AND VISIBLE FROM OUTSIDE THE BUILDING AND LOCATED AT THE MAIN ENTRANCE.

**SPRINKLER INFORMATION**

- ENTIRE BUILDING SHALL BE PROTECTED BY A SPRINKLER SYSTEM.
- SPRINKLER SYSTEM SHALL BE MONITORED VIA WATERFLOW & TAMPER SWITCH.

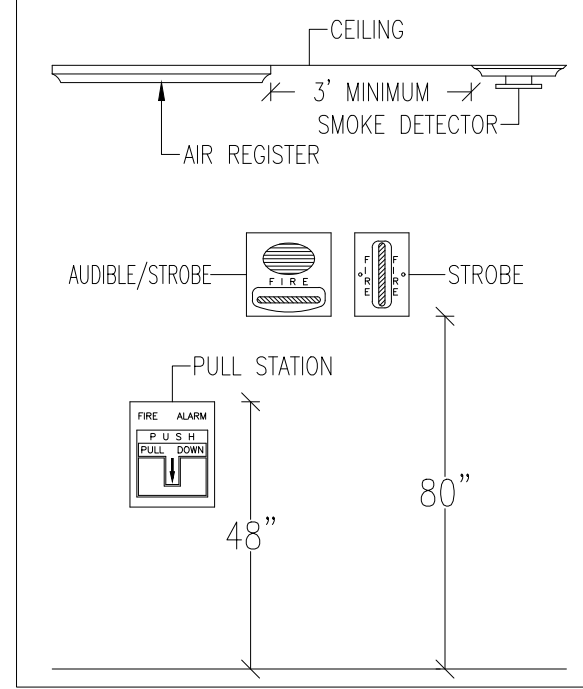
**INITIATING DEVICES**

- ALL EQUIPMENT SHALL BE INSTALLED IN COMPLIANCE WITH ALL LISTED DISTANCES, LOCAL ORDINANCES AND NFPA-72 RECOMMENDATIONS.
- ALL MANUAL PULL STATIONS SHALL BE MOUNTED 48-INCHES FROM FINISHED FLOOR TO THE TOP OF THE DEVICE.

**NOTIFICATION DEVICES**

- ALL AUDIBLE/STROBE DEVICES SHALL HAVE A TEMPORAL-3 CODE.
- ALL STROBE DEVICES SHALL REMAIN ACTIVE AFTER SILENCE FUNCTION OCCURS.
- ALL AUDIBLE/STROBE AND STROBE DEVICES SHALL BE MOUNTED 80-INCHES FROM THE FINISHED FLOOR TO THE BOTTOM OF THE DEVICE.

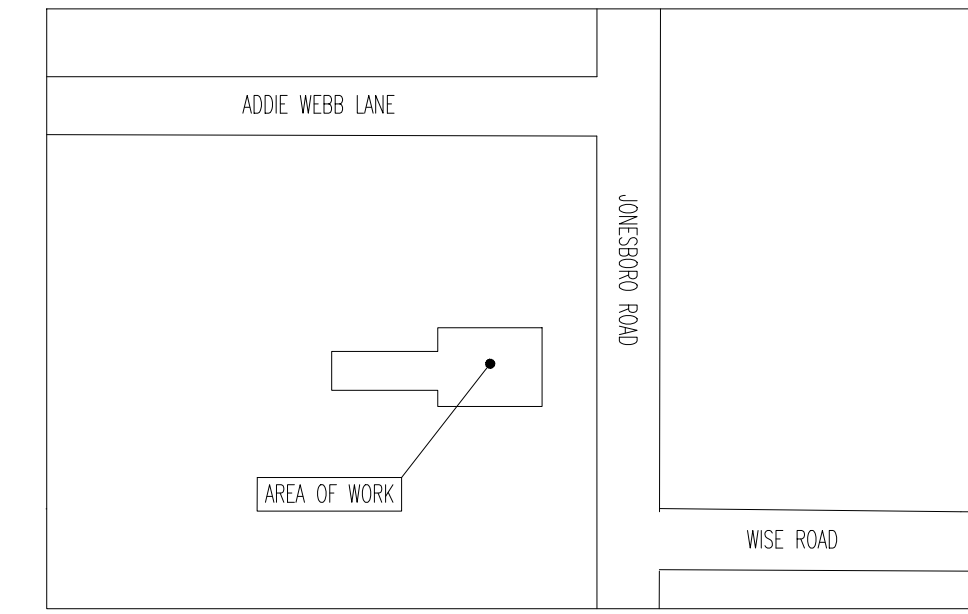
**TYPICAL DEVICE LOCATIONS**



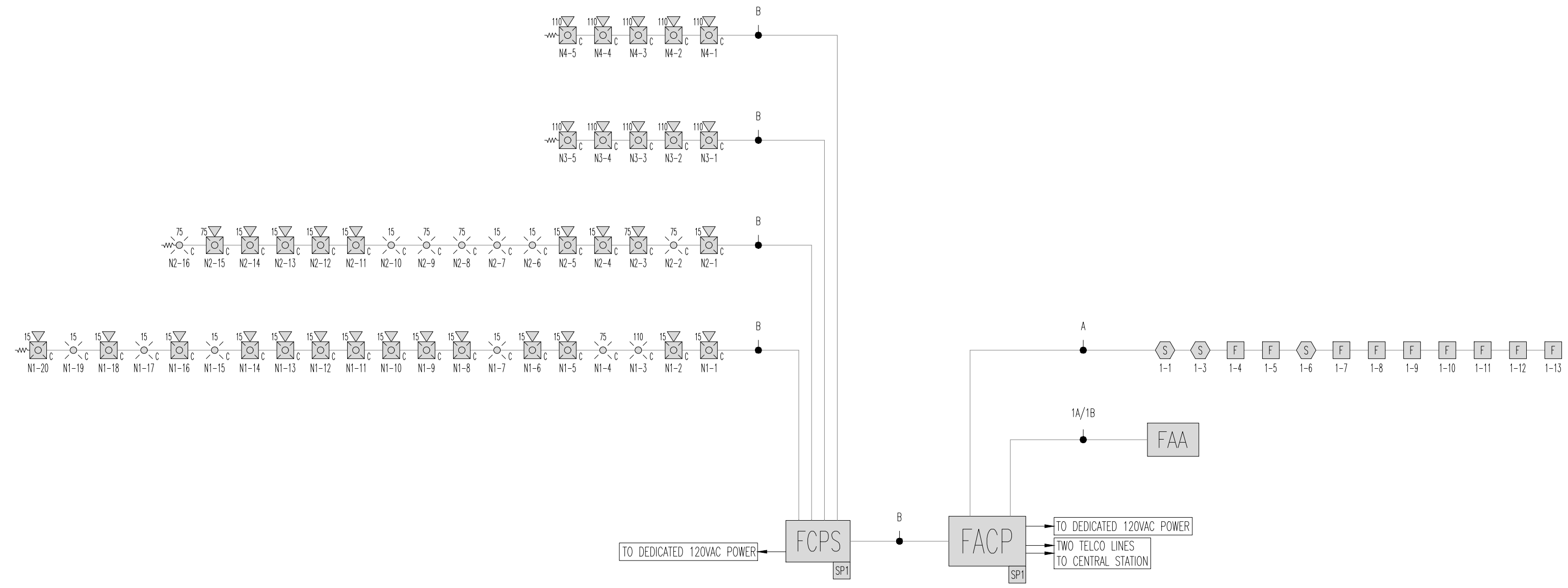
**WIRE LEGEND**

SYMBOL	WIRE DESCRIPTION	TYPE
A	16-2 TWISTED / NON-SHELED	FPLP
B	14-2 NON-SHELED	FPLP
C	12-2 NON-SHELED	FPLP
D	16-2 TWISTED / SHELED	FPLP

FIRE ALARM SYSTEM MATRIX	BUILDING SYSTEM OUTPUTS												CENTRAL COMM			
MANUAL FIRE ALARM PULL BOXES	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
BUILDING SMOKE DETECTOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
DUCT SMOKE DETECTOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SPRINKLER WATER FLOW	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SPRINKLER TAMPER	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ELEV. EQ. ROOM SMOKE DETECTOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ELEV. EQ. ROOM HEAT DETECTOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
ELEV. SHAFT HEAT DETECTORS	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
1ST FLOOR ELEV. LOBBY SMOKE DETECTOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
UPPER FLOOR ELEV. LOBBY SMOKE DETECTOR	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FLOOD SUPPRESSION SYSTEM	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
NOTIFICATION APPLIANCE CIRCUIT SHORT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
OPEN CIRCUIT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
GROUND FAULT	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FIRE ALARM AC POWER FAILURE	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
FIRE ALARM SYSTEM LOW BATTERY	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

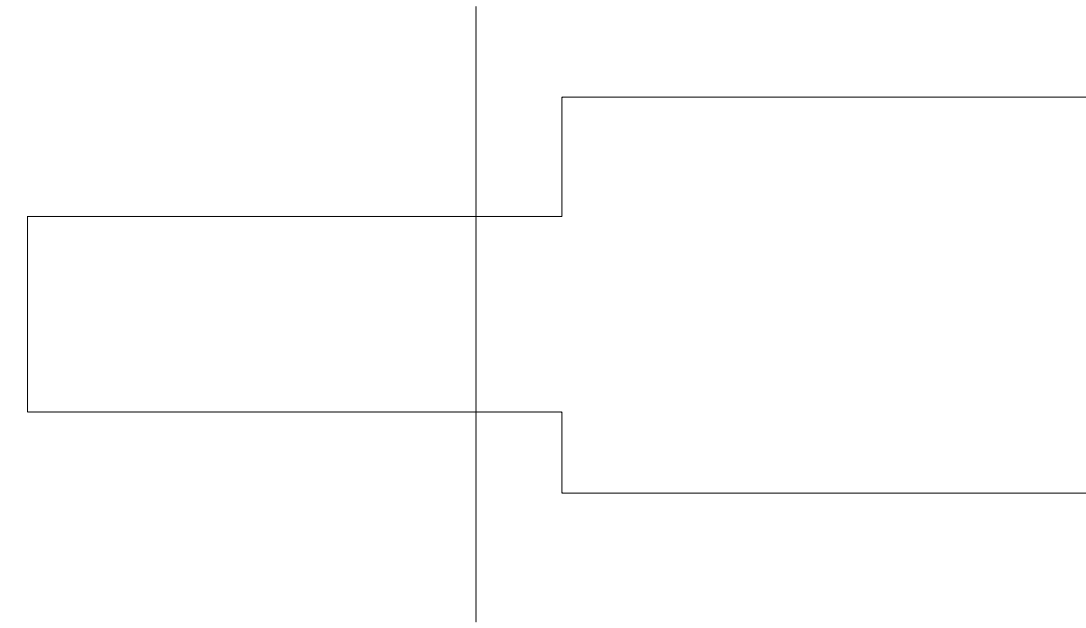


**SITE PLAN**  
SCALE: N.T.S.

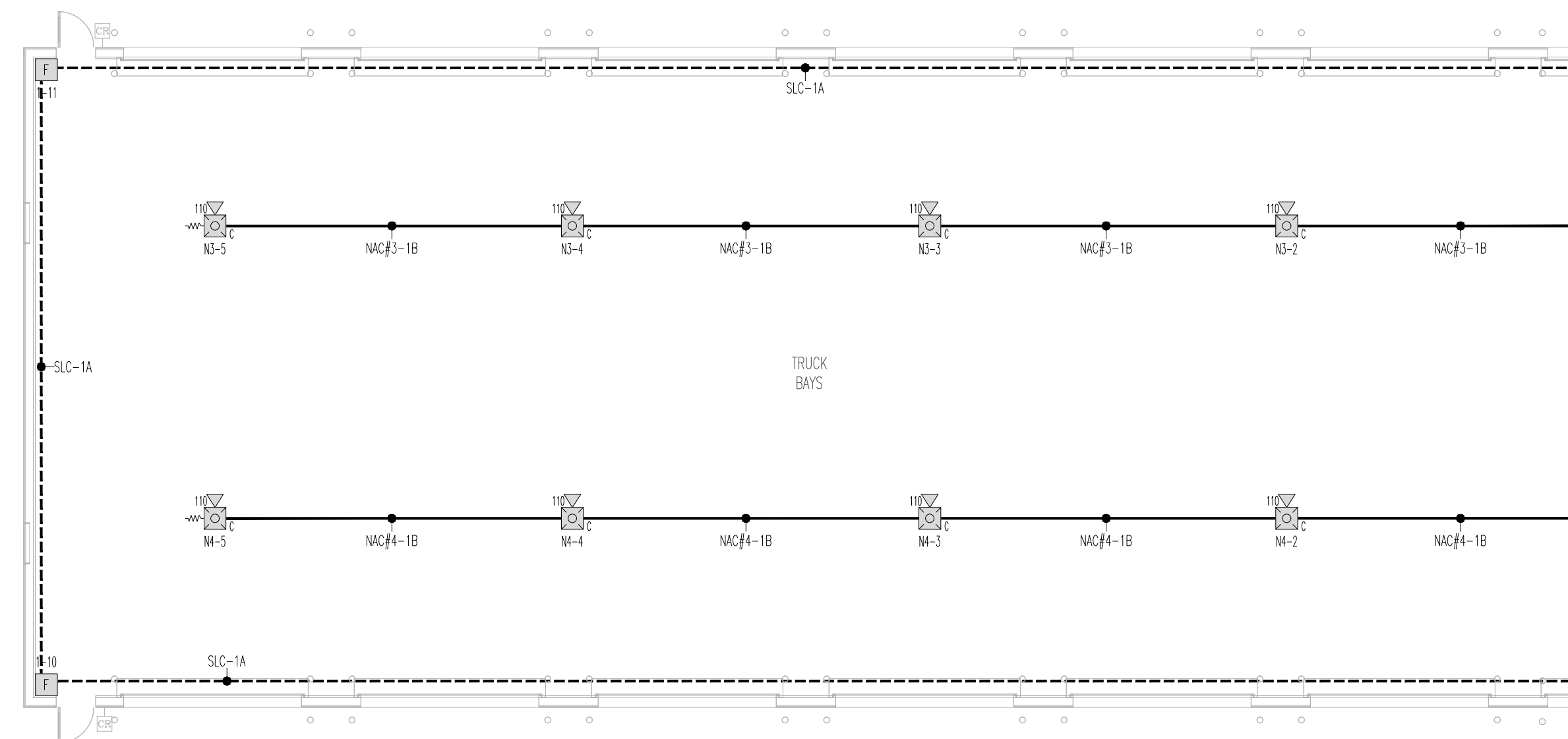
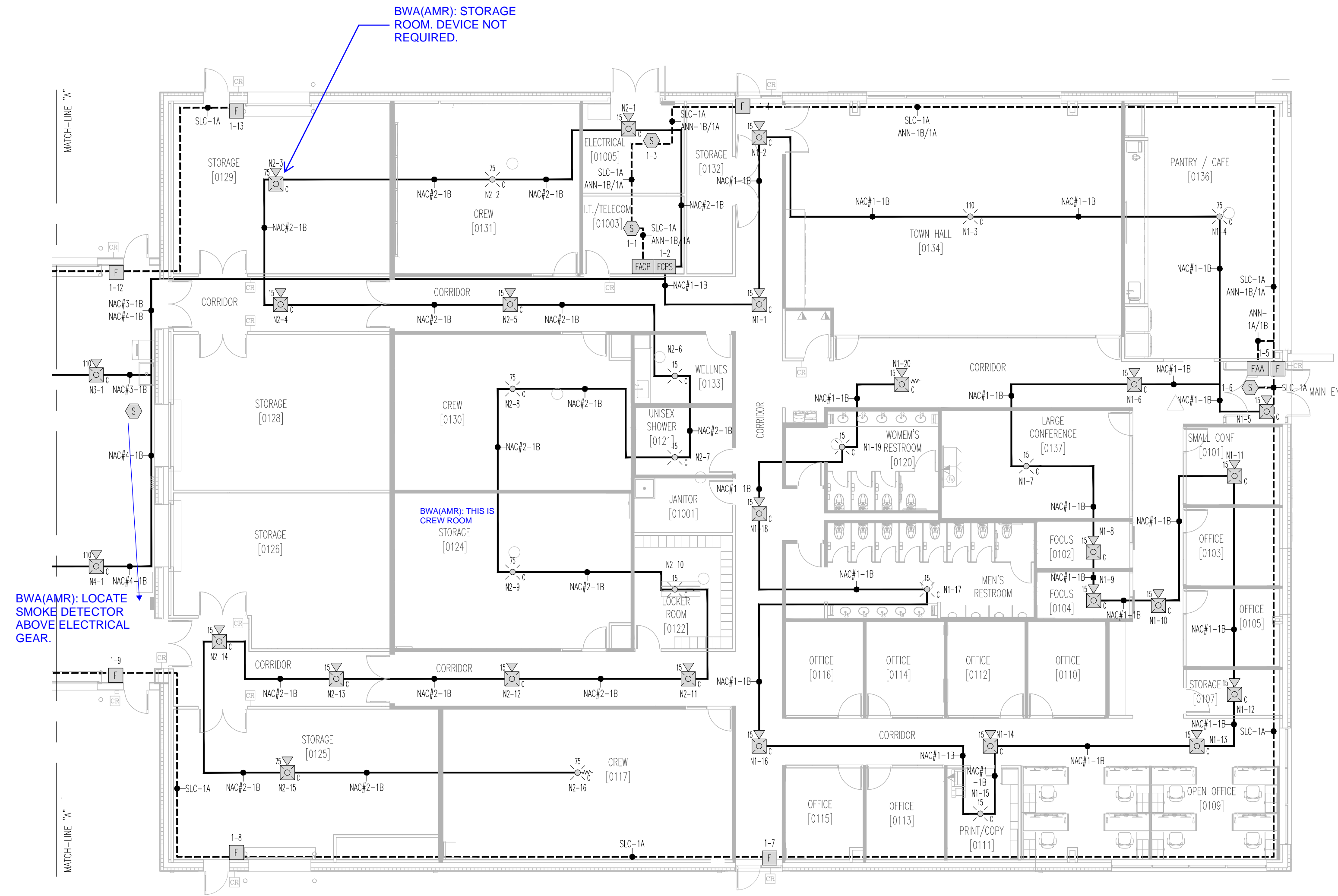


**RISER DIAGRAM**  
FIRE ALARM SYSTEM SCALE: N.T.S.

11.25.2024	ORIGINAL RELEASE	A
DATE	DESCRIPTION	REVISION
PROJECT:	DUNN OPERATIONS CENTER – OPERATIONS BUILDING 1269 JONESBORO RD HARNETT COUNTY N.C. 28334	
FLOOR NUMBER:	OPERATIONS BUILDING	
DRAWING TITLE:	FIRE ALARM NOTES, LEGEND & RISER DIAGRAM	
SEAL & SIGNATURE:	SHEET #:	1 OF 4
	DRAWN BY:	M.H.
	CHECKED BY:	M.H.
	WO#:	
	SCALE:	AS NOTED
	CONTACT:	
	DRAWING NO.:	<b>FA-001</b>



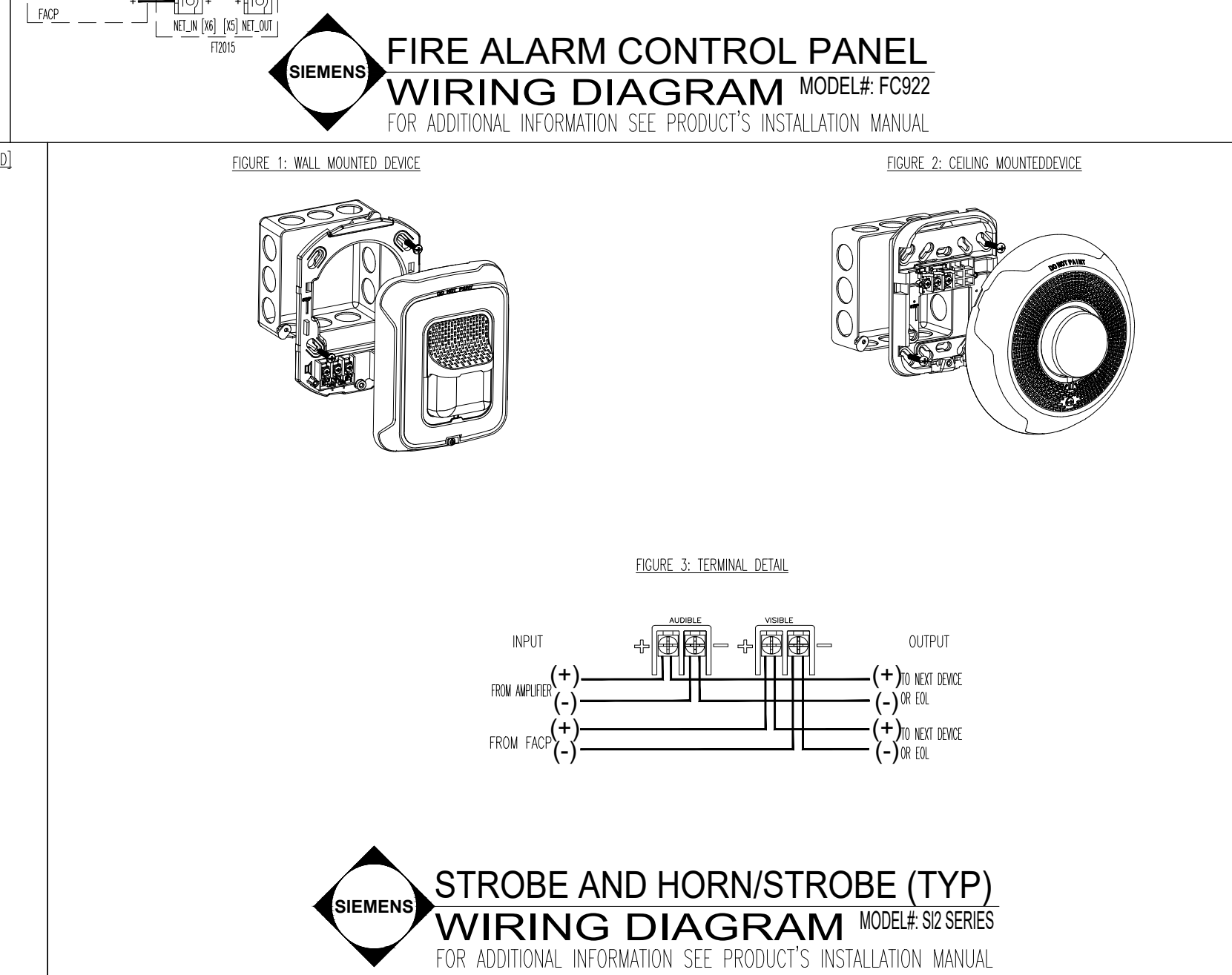
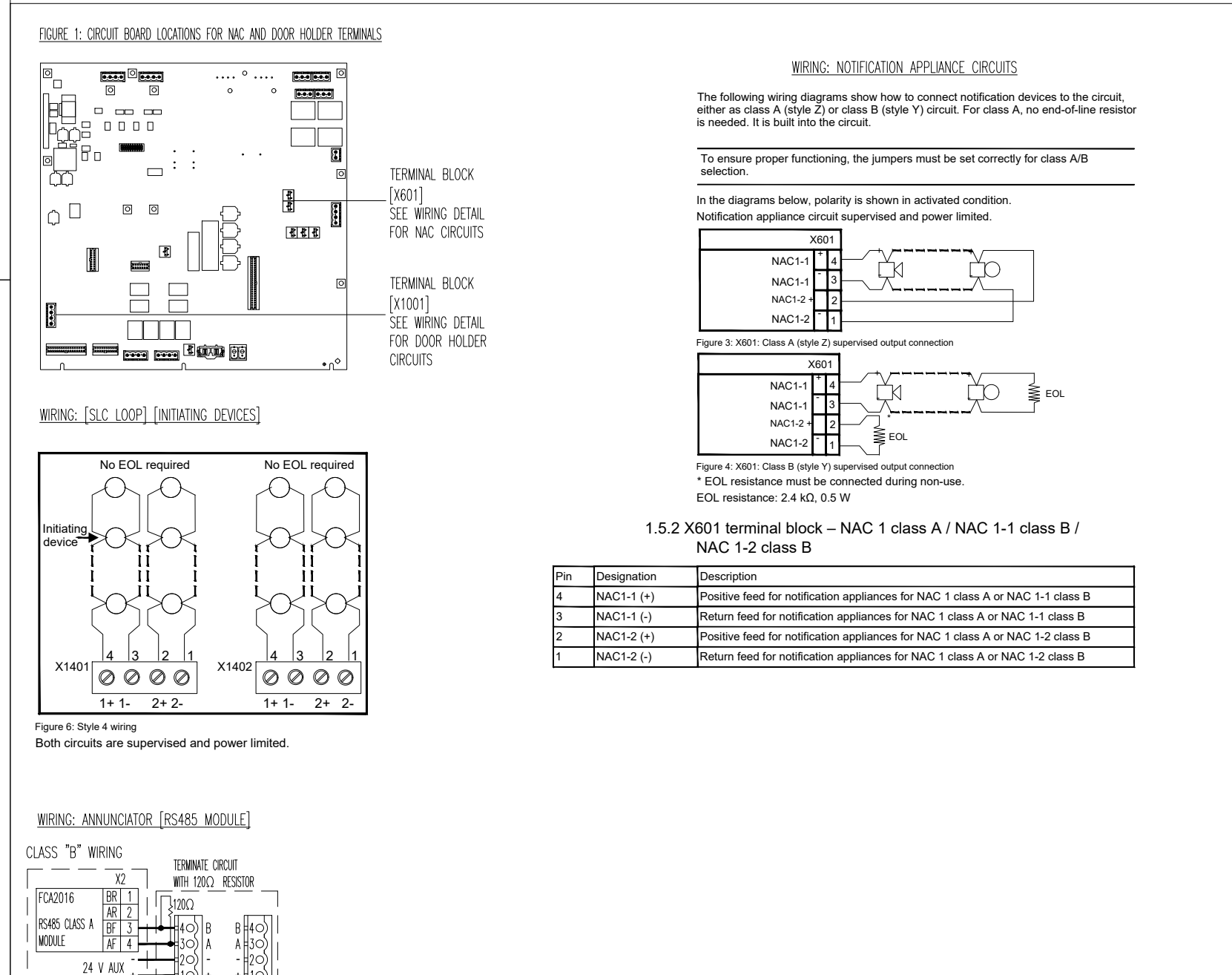
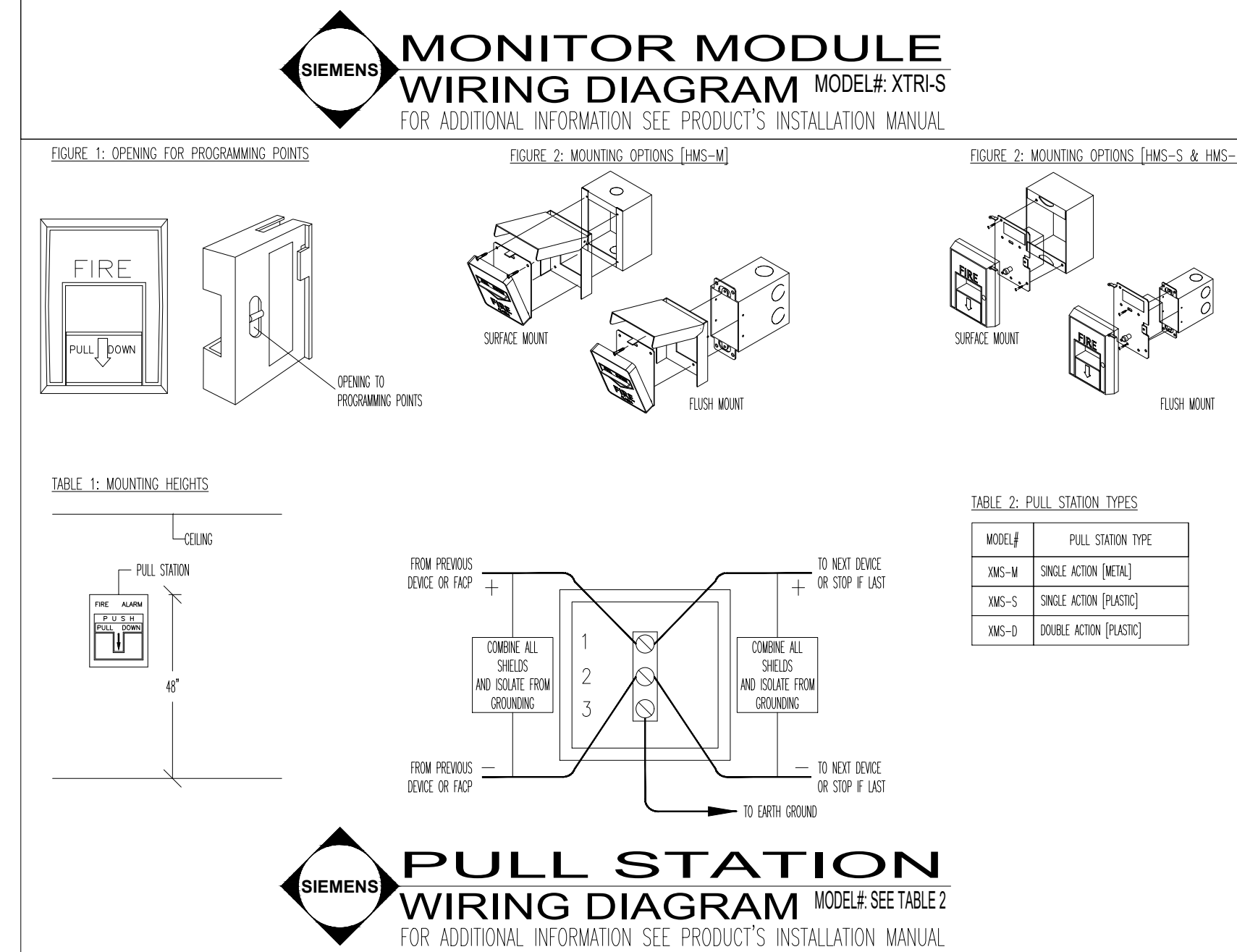
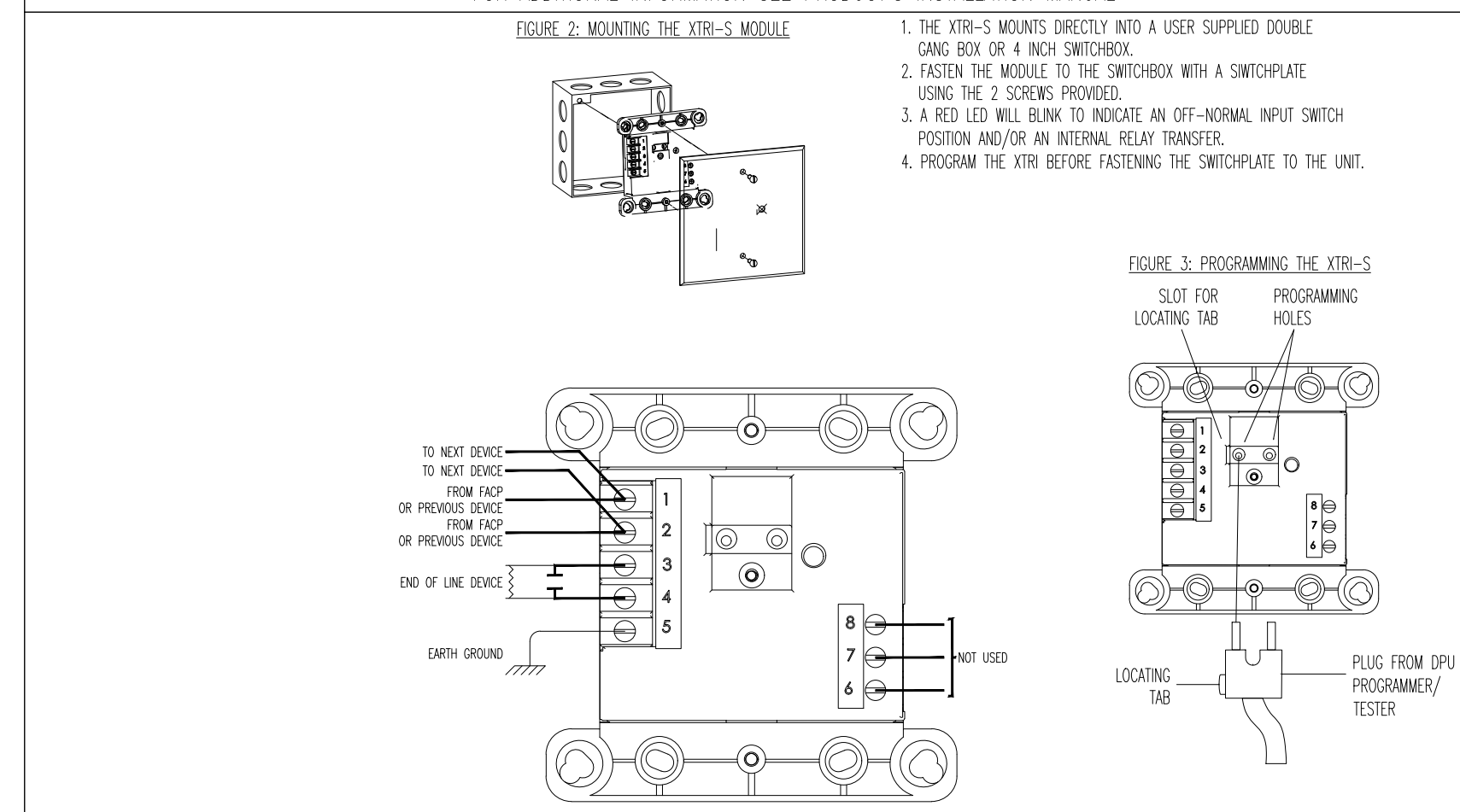
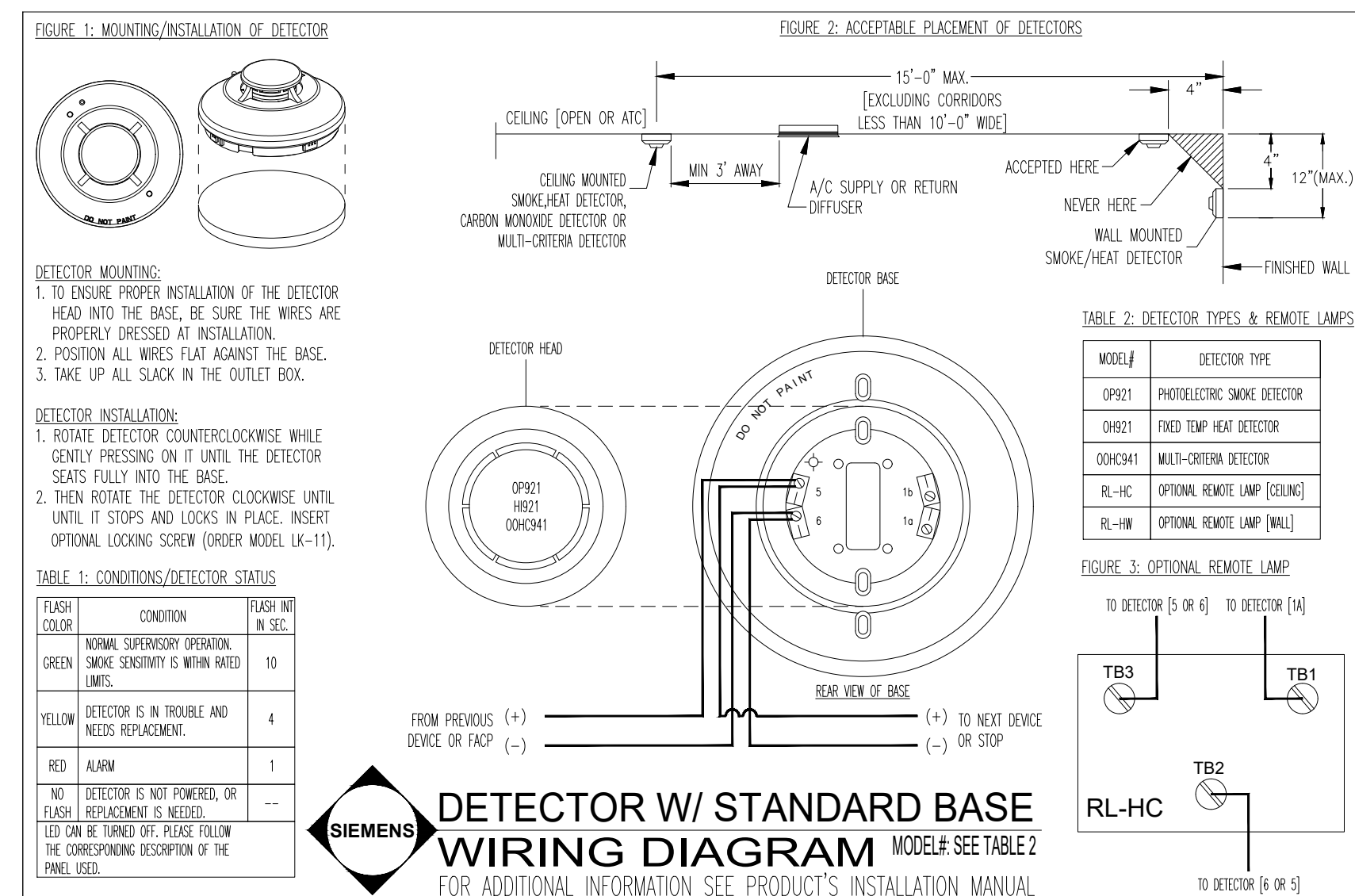
**FLOOR PLAN MATCHLINE**  
SCALE: N.T.S.



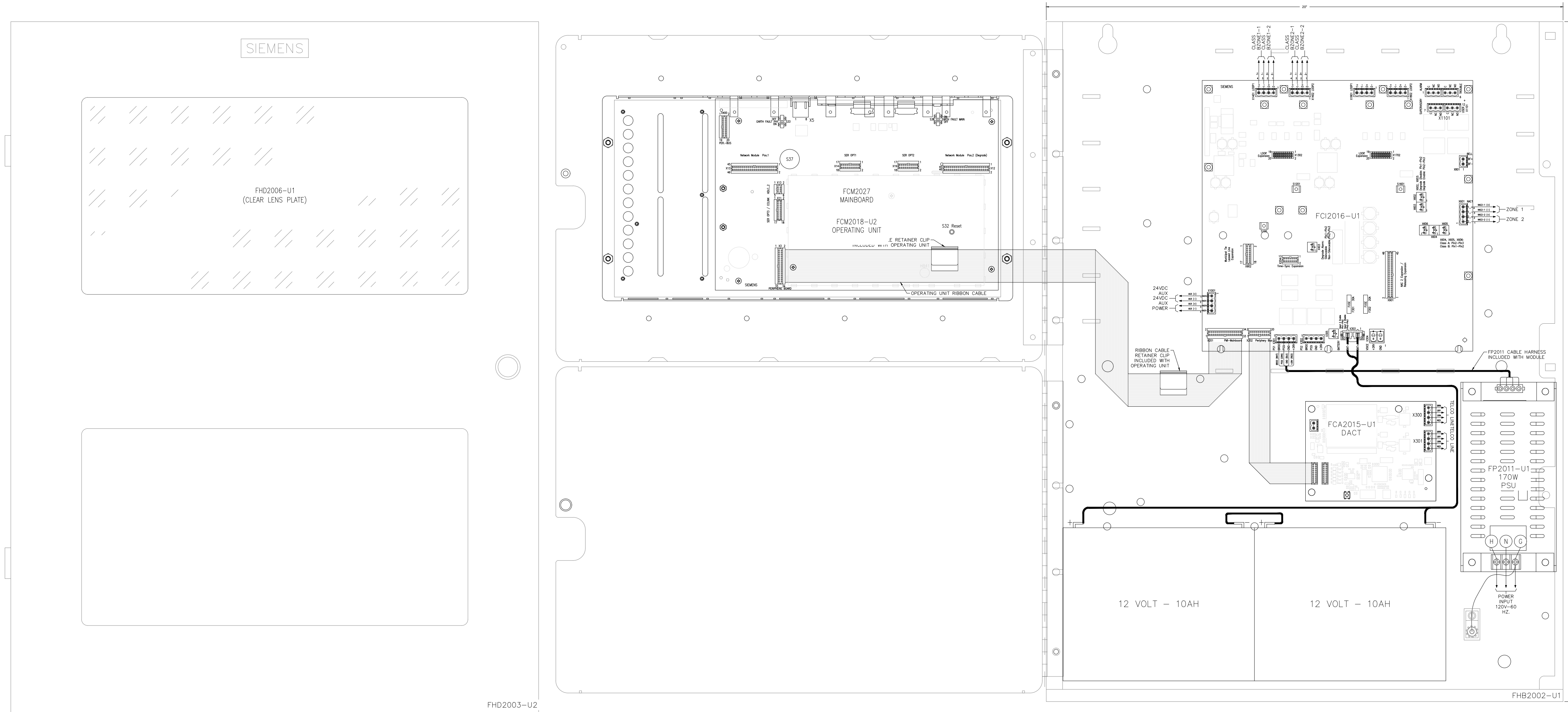
**GROUND FLOOR**  
**FIRE ALARM FLOOR PLAN** SCALE: 3/32"=1'-0"

11.25.2024	ORIGINAL RELEASE	A
DATE	DESCRIPTION	REVISION
PROJECT: DUNN OPERATIONS CENTER – OPERATIONS BUILDING 1269 JONESBORO RD HARNETT COUNTY N.C. 28334		
FLOOR NUMBER: OPERATIONS BUILDING		
DRAWING TITLE: FIRE ALARM FLOOR PLAN GROUND FLOOR		
SEAL & SIGNATURE:		SHEET #: 2 OF 4
		DRAWN BY: M.H.
		CHECKED BY: M.H.
		WO#:
		SCALE: AS NOTED
		CONTACT:
		DRAWING NO: <b>FA-002</b>

1000 N. MAIN ST., STE. 201  
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Ph. 919.346.4630  
NC LICENSE #: SP.FA/LV.31726



11.25.2024	ORIGINAL RELEASE	A
DATE	DESCRIPTION	REVISION
PROJECT:	DUNN OPERATIONS CENTER – OPERATIONS BUILDING 1269 JONESBORO RD HARNETT COUNTY N.C. 28334	
FLOOR NUMBER:	OPERATIONS BUILDING	
DRAWING TITLE:	WIRING DETAILS FIRE ALARM DEVICES	
SEAL & SIGNATURE:	SHEET #:	3 OF 4
	DRAWN BY:	M.H.
	CHECKED BY:	M.H.
	WO#:	
	SCALE:	AS NOTED
	CONTACT:	
	DRAWING NO.:	FA-003



DATE	DESCRIPTION	REVISION
11.25.2024	ORIGINAL RELEASE	A

**PROJECT:** DUNN OPERATIONS CENTER – OPERATIONS BUILDING  
1269 JONESBORO RD  
HARNETT COUNTY  
N.C. 28334

**FLOOR NUMBER:** OPERATIONS BUILDING

**DRAWING TITLE:** PANEL WIRING DETAIL

**SEAL & SIGNATURE:**

**SHEET #:** 4 OF 4

**DRAWN BY:** M.H.

**CHECKED BY:** M.H.

**WO#:**

**SCALE:** AS NOTED

**CONTACT:**

**DRAWING NO.:** FA-004