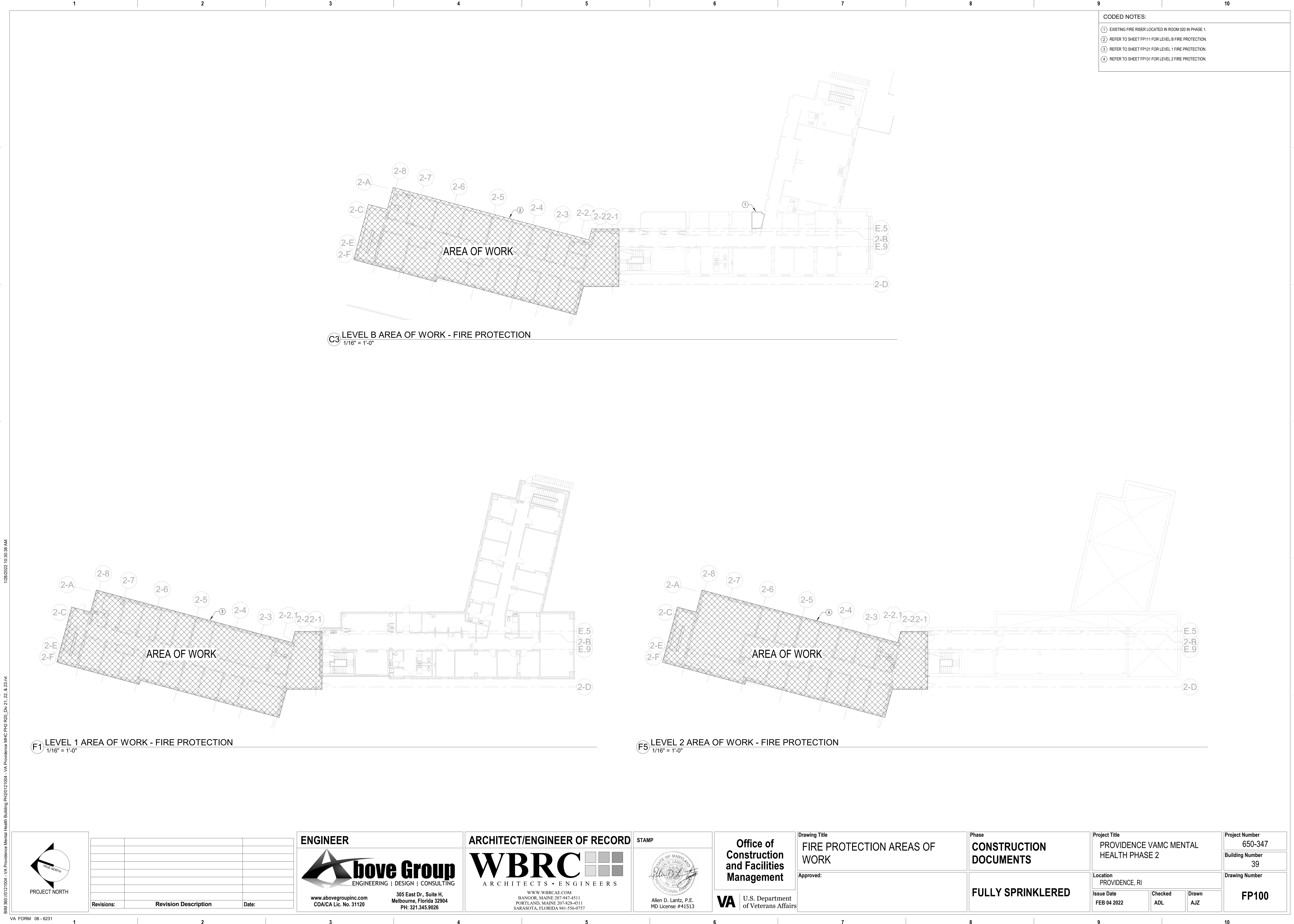


F

Project Number 650-347
Building Number 39
Drawing Number FP001



- CODING NOTES:**
- ① EXISTING FIRE RISER LOCATED IN ROOM 020 IN PHASE 1.
 - ② REFER TO SHEET FP111 FOR LEVEL B FIRE PROTECTION.
 - ③ REFER TO SHEET FP121 FOR LEVEL 1 FIRE PROTECTION.
 - ④ REFER TO SHEET FP131 FOR LEVEL 2 FIRE PROTECTION.

C3 LEVEL B AREA OF WORK - FIRE PROTECTION
1/16" = 1'-0"

F1 LEVEL 1 AREA OF WORK - FIRE PROTECTION
1/16" = 1'-0"

F5 LEVEL 2 AREA OF WORK - FIRE PROTECTION
1/16" = 1'-0"

Revisions:	Revision Description	Date:

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Allen D. Lantz, P.E.
MD License #41513

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
FIRE PROTECTION AREAS OF WORK

Approved:

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
PROVIDENCE VAMC MENTAL HEALTH PHASE 2

Location
PROVIDENCE, RI

Issue Date
FEB 04 2022

Checked
ADL

Drawn
AJZ

Project Number
650-347

Building Number
39

Drawing Number
FP100

1 2 3 4 5 6 7 8 9 10



- DRAWING NOTES:**
- COORDINATE SPRINKLER HEIGHT WITH ARCHITECTURAL RCP. REFER TO ARCHITECTURAL PLANS.
 - REFER TO FIRE PROTECTION GENERAL NOTE #36 / FP001 FOR SPRINKLER SYSTEM IMPAIRMENT REQUIREMENTS.
- CODED NOTES:**
- PROVIDE A HYDRAULICALLY CALCULATED AUTOMATIC SPRINKLER SYSTEM FOR A LIGHT HAZARD OCCUPANCY WITH A MINIMUM DENSITY/AREA OF 0.10 GPM/SF OVER 1500 SF PER NFPA 13. LEGEND:
 - PROVIDE A HYDRAULICALLY CALCULATED AUTOMATIC SPRINKLER SYSTEM FOR A ORDINARY HAZARD GROUP 1 OCCUPANCY WITH A MINIMUM DENSITY/AREA OF 0.15 GPM/SF OVER 1500 SF PER NFPA 13. LEGEND:
 - REMOVE AND DISPOSE OF (E)CAP. EXTEND 3" FIRE PROTECTION MAIN FROM PHASE 1 BUILDING.
 - PROVIDE FLEXIBLE COUPLING AT STRUCTURAL EXPANSION JOINT PER 2019 NFPA 13-18.2.3.1(4).

F1 LEVEL B PLAN - FIRE PROTECTION
1/4" = 1'-0"

	<table><tr><th>Revisions:</th><th>Revision Description</th><th>Date:</th></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td></tr></table>	Revisions:	Revision Description	Date:																												ENGINEER ENGINEERING DESIGN CONSULTING www.abovegroupinc.com COA/CA Lic. No. 31120 305 East Dr., Suite H, Melbourne, Florida 32904 PH: 321.345.9026	ARCHITECT/ENGINEER OF RECORD ARCHITECTS • ENGINEERS WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-838-4511 SARASOTA, FLORIDA 941-556-0757	STAMP Allen D. Lantz, P.E. MD License #41513	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title LEVEL B PLAN - FIRE PROTECTION Approved:	Phase CONSTRUCTION DOCUMENTS FULLY SPRINKLERED	Project Title PROVIDENCE VAMC MENTAL HEALTH PHASE 2 Location PROVIDENCE, RI Issue Date FEB 04 2022	Checked ADL Drawn AJZ	Project Number 650-347 Building Number 39 Drawing Number FP111
		Revisions:	Revision Description	Date:																																				
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- DRAWING NOTES:**
- COORDINATE SPRINKLER HEIGHT WITH ARCHITECTURAL RCP. REFER TO ARCHITECTURAL PLANS.
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F1 LEVEL 2 PLAN - FIRE PROTECTION
1/4" = 1'-0"

			ENGINEER ENGINEERING DESIGN CONSULTING www.abovegroupinc.com COA/CA Lic. No. 31120 305 East Dr., Suite H, Melbourne, Florida 32904 PH: 321.345.9026	ARCHITECT/ENGINEER OF RECORD ARCHITECTS • ENGINEERS WWW.WBRCAE.COM BANGOR, MAINE 207-947-4511 PORTLAND, MAINE 207-638-4511 SARASOTA, FLORIDA 941-556-0757	STAMP 	Office of Construction and Facilities Management U.S. Department of Veterans Affairs	Drawing Title LEVEL 2 PLAN - FIRE PROTECTION	Phase CONSTRUCTION DOCUMENTS	Project Title PROVIDENCE VAMC MENTAL HEALTH PHASE 2	Project Number 650-347																						
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Revision Description	Date:																															





FIRE ALARM ABBREVIATIONS

ABBR.	DESCRIPTION	ABBR.	DESCRIPTION	ABBR.	DESCRIPTION
1PH	SINGLE-PHASE	D8	DECEBEL OR DIRECT BURIAL	OC	ON CENTER
IP	SINGLE POLE	DC	DIRECT CURRENT	OD	OUTSIDE DIAMETER
2C	TWO-CONDUCTOR	DEG C	DEGREES CELSIUS	P	POLE
3C	THREE-CONDUCTOR	DEG F	DEGREES FAHRENHEIT	PA	PUBLIC ADDRESS
3PH	THREE-PHASE	DEMO	DEMOLITION	PB	PANELBOARD; PULL BOX, OR PUSHBUTTON
4C	FOUR-CONDUCTOR	DIAG	DIAGRAM	PBPB	PREFABRICATED BEDSIDE PATIENT UNIT
4W	FOUR-WIRE	DISTR	DISTRIBUTION	PE	PEDESTAL
		DOWN	DOWN	PED	PENDANT
AC UNIT	AIR CONDITIONING UNIT	DRSW	DRIVE SWITCH	PEN	POWER FACTOR
AE	ARCHITECT/ENGINEER	DWG	DRAWING	PH	PHASE
AL	ALARM ANNUNCIATOR PANEL	EC	EMPTY CONDUIT	PNL	PANEL
ACC	ACCESSIBLE	EG	EQUIPMENT GROUND	PVC	POLYVINYL CHLORIDE (PLASTIC)
ADDL	ADDITIONAL	EL	ELEVATION	PWR	POWER
ADJ	ADJUSTMENT, ADJOINING	ELEC	ELECTRIC OR ELECTRICAL	RPC	REFLECTED CEILING PLAN
ADO	AUTOMATIC DOOR OPENER	ELEV	ELEVATOR	RECS	RECESSED
ADC	ABOVE FINISHED COUNTER	EMER	EMERGENCY	RECPT	RECTANGLE
AF	ABOVE FINISHED FLOOR	EMI	ELECTROMAGNETIC INTERFERENCE	REQ	REQUIRED
AGF	ABOVE FINISHED GRADE	EMT	ELECTRIC METALLIC TUBING	RGS	RIGID GALVANIZED STEEL
AH	AUTHORITY HAVING JURISDICTION	ENCL	ENCLOSURE	RM	ROOM
ALT	ALTERNATE	EPO	EMERGENCY POWER OFF	REQ	REQUIRED
AMB OR A	AMBIENT	ESEM	EASEMENT		
ARCH	ARCHITECT	EXIST	EXISTING	SF	SQUARE FOOT (FEET)
ATS	AUTOMATIC TRANSFER SWITCH			SHT	SHEET
AUTO	AUTOMATIC	FLEX	FLEXIBLE METALLIC CONDUIT	SI	INTERNATIONAL SYSTEM OF UNITS
AV	AUDIO VISUAL	FOUTT	TELEPHONE FLOOR OUTLET	SPEC	SPECIFICATION
BAT	BATTERY	FP	FIRE PROTECTION	SURF	SURFACE
BC	BARE COPPER	FT	FEET OR FOOT	SW	SWITCH
BD	BOARD	FU SW	FUSED SWITCH		
BFT	BELOW FINISH FLOOR	G OR GND	GROUND OR GENERATOR	TEL	TELEPHONE
BLDG	BUILDING	GEN	GENERATOR	TP	TWISTED PAIR
BPIP	BOILER PLANT INSTRUMENTATION PANEL	GBS	GROUND TERMINAL BOX	TTS	TWISTED PAIR SHIELDED
BP	BY PASS	HT	HAND-OF-AUTOMATIC	TPT	TELEPHONE TERMINAL BOARD
C	CONDUIT	HOA	HAND-OF-AUTOMATIC	TV	TELEVISION
CAB	CABINET	HT	HEIGHT	TYP	TYPICAL
CALC	CALCULATE	HZ	HERTZ	UFD	UNDERFLOOR DUCT
CAP	CAPACITY	IMC	INTERMEDIATE METAL CONDUIT	UGND	UNDERGROUND
CAT	CATALOG	IR	INFRARED	UNO	UNDERWRITERS LABORATORY
CATV	COMMUNITY ANTENNA TELEVISION	J-BOX	JUNCTION BOX	UNP	UNINTERRUPTIBLE POWER SUPPLY
CCR	CONTROL CONTRACTOR			UTL	UTILITY
CCTV	CLOSED CIRCUIT TELEVISION				
CD	CONSTRUCTION DOCUMENTS	LF	LINEAR FEET (FOOT)	V	VOLT
CF	CONTRACTOR FURNISHED	LWTS	LIGHTING	WP	WEATHERPROOF
CFICI	CONTRACTOR FURNISHED/CONTRACTOR INSTALLED	L/V	LOW VOLTAGE		
CFIOI	CONTRACTOR FURNISHED/OWNER INSTALLED				
CFE	CONTRACTOR FURNISHED EQUIPMENT	MATV	MASTER ANTENNA TELEVISION SYSTEM		
CLG	CEILING	MAX	MAXIMUM		
CMU	CONCRETE MASONRY UNIT	MECH	MECHANICAL		
COAK	COAX CABLE	MH	MANHOLE		
COMM	COMMUNICATION	MIN	MINIMUM		
COMPT	COMPARTMENT	MT	MOUNT		
CONC	CONCRETE	MTD	MOUNTED		
CONT	CONTINUE	MTG	MOUNTING		
CONTR	CONTRACTOR	NA	NOT APPLICABLE		
COORD	COORDINATE	NEC	NATIONAL ELECTRICAL CODE		
CTV	CABLE TELEVISION	NEUT OR N	NEUTRAL		
CUR	COPPER	N/C	NOT IN CONTRACT		
CUT	CUBIC FEET	NO SCALE	NO SCALE		
CUR	CURRENT	NTS	NOT TO SCALE		

FIRE ALARM SYSTEM OVERVIEW

- ALL FIRE ALARM NOTIFICATION AND INITIATION DEVICES WILL BE CONNECTED TO THE EXISTING NOTIFIER NSF2-640 FIRE ALARM SYSTEM THAT IS BEING INSTALLED UNDER A SEPARATE PROJECT THROUGH A NEW BOOSTER PANEL (NAC).

FIRE ALARM DRAWING INDEX	
SHEET	DESCRIPTION
FA001	FIRE ALARM LEGEND
FA101	LEVEL 8 PLAN - FIRE ALARM PLAN
FA102	LEVEL 1 PLAN - FIRE ALARM PLAN
FA103	LEVEL 2 PLAN - FIRE ALARM PLAN
FA501	FIRE ALARM DETAILS
FA601	FIRE ALARM DIAGRAM

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	Revisions:		Revision Description		Date:															

DRAWING NOTES:

1. COORDINATE EXACT LOCATION OF CEILING AND WALL MOUNTED FIRE ALARM DEVICES WITH ALL OTHER UTILITIES AND ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

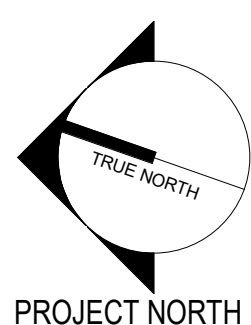
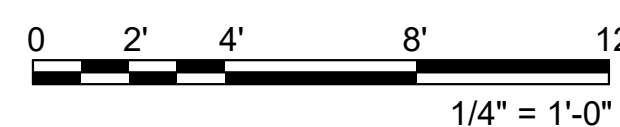
CODED NOTES:

1 PROVIDE FIRE ALARM CONTROL RELAY MODULE FOR WINDOW FIRE CURTAIN. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH FIRE CURTAIN VENDOR PRIOR TO ROUGH-IN.

2 EXISTING PHASE 1. NO WORK IN THIS AREA, UNLESS OTHERWISE NOTED.



F1 LEVEL B PLAN - FIRE ALARM
1/4" = 1'-0"



1	FIRE CURTAINS	TBD
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Drawing Title

LEVEL B PLAN - FIRE ALARM PLAN

Approved:

Phase

CONSTRUCTION DOCUMENTS

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Project Title

PROVIDENCE VAMC MENTAL
HEALTH PHASE 2

Location	PROVIDENCE, RI
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Issue Date
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Project Number

650-34

Building Number	39
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	Drawing Number

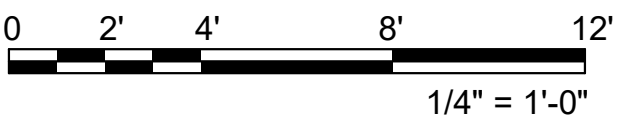
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FA10



- DRAWING NOTES:
1. COORDINATE EXACT LOCATION OF CEILING AND WALL MOUNTED FIRE ALARM DEVICES WITH ALL OTHER UTILITIES AND ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.
- CODED NOTES:
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- ② EXISTING PHASE 1. NO WORK IN THIS AREA, UNLESS OTHERWISE NOTED.

F1 LEVEL 1 PLAN - FIRE ALARM
1/4" = 1'-0"



1	FIRE CURTAINS	TBD
Revisions:	Revision Description	Date:

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LEVEL 1 PLAN - FIRE ALARM PLAN

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DOCUMENTS

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Project Title

PROVIDENCE VAMC MENTAL
HEALTH PHASE 2

Location
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JFR

Drawn
CVM

Project Number

650-347

Building Number

39

Drawing Number

FA102

3/8/2022 3:44:55 PM

BM 360101211004 - VA Providence Mental Health Building PH101121004 - VA Providence MHC Ph2 120_Drv 26, 27, & 28.rvt

DRAWING NOTES:

1. COORDINATE EXACT LOCATION OF CEILING AND WALL MOUNTED FIRE ALARM DEVICES WITH ALL OTHER UTILITIES AND ARCHITECTURAL PLANS PRIOR TO CONSTRUCTION.

CODED NOTES:

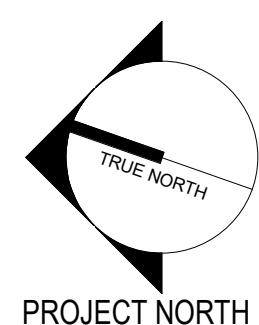
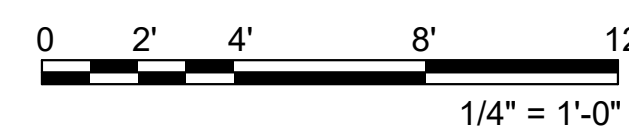
1 DUCT SMOKE DETECTOR FURNISHED AND CONNECTED BY ELECTRICAL CONTRACTOR, MOUNTED IN DUCTWORK BY MECHANICAL CONTRACTOR.

2 PROVIDE FIRE ALARM CONTROL RELAY MODULE FOR WINDOW FIRE CURTAIN. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH FIRE CURTAIN VENDOR PRIOR TO ROUGH-IN.

3 EXISTING PHASE 1. NO WORK IN THIS AREA, UNLESS OTHERWISE NOTED.



F1 LEVEL 2 PLAN - FIRE ALARM
1/4" = 1'-0"



1	FIRE CURTAINS	TBD
Revisions:	Revision Description	Date:

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	Drawing Title
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LEVEL 2 PLAN - FIRE ALARM PLAN

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Phase

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DOCUMENTS**

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Project Title

PROVIDENCE VAMC MENTAL
HEALTH PHASE 2

Location	PROVIDENCE, RI
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Project Number

650-347

Building Number
39

	Drawing Number

FA103

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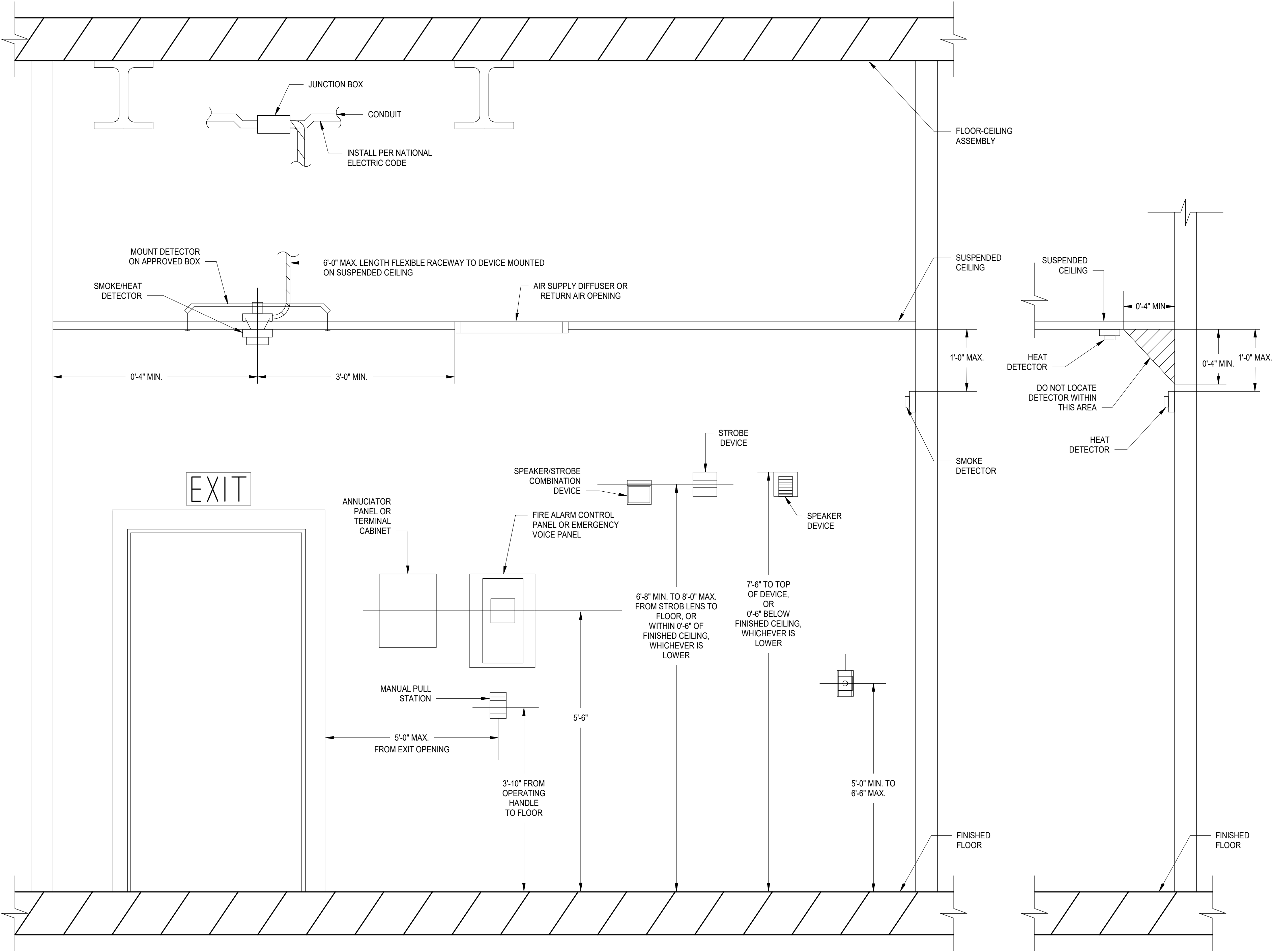
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B:\360\0121\004 - VA Providence Mental Health Building PH2\0121\004 - VA Providence MHC Ph2 E20_Div 26, 27, & 28.rvt



NOTES:
1. MOUNT FIRE ALARM DEVICES ON APPROVED BOXES.

HEAT DETECTOR MOUNTING
PLACEMENT REQUIREMENTS

E5 FIRE ALARM DEVICE MOUNTING DETAIL
N.T.S.

Revisions:	Revision Description	Date:

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Drawing Title
FIRE ALARM DETAILS
Approved: _____

Phase
CONSTRUCTION DOCUMENTS

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Project Title
PROVIDENCE VAMC MENTAL HEALTH PHASE 2

Location
PROVIDENCE, RI

Issue Date
FEB 04 2022

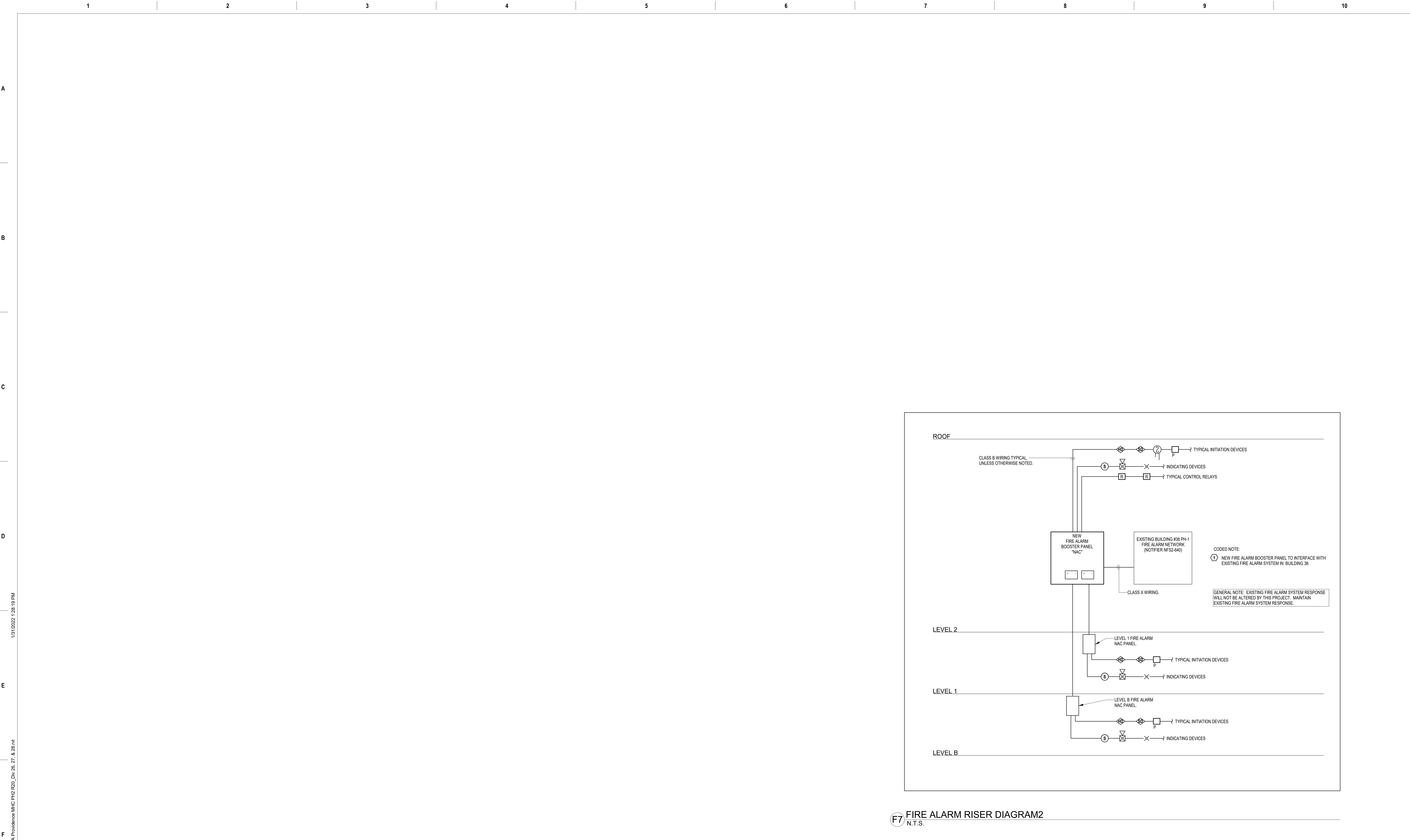
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CVM

Project Number
650-347

Building Number
39

Drawing Number
FA501



F7 FIRE ALARM RISER DIAGRAM2
N.T.S.