

PROJECT CONTACTS	
SALESPERSON:	ANDREW EARLE 861 INDUSTRY DRIVE TUKWILA, WA 98188 PHONE: (206) 920-4321
PROJECT DESIGNER:	CHRIS NORRIS PROJECT DESIGNER 861 INDUSTRY DRIVE TUKWILA, WA 98188 PHONE: (425) 420-8786
PROJECT MANAGER:	BILL HUGGINS PROJECT MANAGER 861 INDUSTRY DRIVE TUKWILA, WA 98188 PHONE: (206) 472-3867

PROJECT FIRE ALARM SYSTEM NOTES:

- ALL WORK TO CONFORM TO 2016 ED. NFPA 72, 2018 IBC, INCLUDING WA STATE AMENDMENTS, AND 2020 NFPA 70 (NEC) STANDARDS.
- SYSTEM DESIGN BASED ON INTERNATIONAL FIRE CODE 2018 AND/OR LOCAL AUTHORITY HAVING JURISDICTION CODES AND/OR ADDENDUM CRITERIA.
- WALL MOUNT NOTIFICATION DEVICES TO BE MOUNTED 84" AFF, OR 6" BELOW CEILING (WHICHEVER DISTANCE IS LOWER), TO STROBE LENS OR SOUNDER.
- PULL STATIONS TO BE MOUNTED:
 - NO GREATER THAN 48" AFF TO DEVICE HANDLE.
 - WITHIN 5' OF THE DOOR.
- FIRE ALARM CONTROL PANEL TO BE ON UN-SWITCHED, DEDICATED 120VAC CIRCUIT WITH CIRCUIT BREAKER LOCK ON.
- WIRING METHOD TO BE OPEN CABLE UNLESS BELOW 7' AND EXPOSED, THEN IT WILL BE CONTAINED WITHIN CONDUIT UNLESS IN OCCUPANCY WHERE CONDUIT IS REQUIRED THROUGH OUT.
- SMOKE AND HEAT DETECTORS TO BE INSTALLED:
 - 12" MAX FROM SIDEWALLS
 - MORE THAN 36" FROM ANY HVAC DIFFUSER
 - NOT IN CLOSE PROXIMITY TO FLUORESCENT LIGHTING
 - AT LEAST 6" DOWN FROM PEAK IN SLOPED CEILING
- ALL JUNCTION BOXES, MUD RINGS, AND BOX COVERS TO BE PAINTED RED (INSIDE AND OUT).
- EXTERIOR HORN STROBES TO BE MOUNTED IN THE TOP 2/3 OF THE BUILDING STRUCTURE FACING THE ANTICIPATED FIRE DEPARTMENT ACCESS ROAD.

CODE INFORMATION

FIRE ALARM AUTHORITY HAVING JURISDICTION
CITY OF PUYALLUP FIRE DEPARTMENT

FIRE ALARM DESIGNER OF RECORD
HOWARD WILLIAMSON
NICET LEVEL IV, FIRE ALARM SYSTEMS
NICET ID: 82289

PROJECT CODE REFERENCES:

- INTERNATIONAL BUILDING CODE (2018ED), INC. WASH. STATE AMENDMENTS
- INTERNATIONAL FIRE CODE (2018ED), INC. WASH. STATE AND CITY OF SEATTLE AMENDMENTS
- INTERNATIONAL MECHANICAL CODE (2018ED)
- NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72, 2016ED)
- NATIONAL ELECTRICAL CODE (NFPA 70, 2020ED)

PROJECT DESCRIPTION

THE INTENT OF THIS DESIGN IS TO INSTALL A NEW FIRE ALARM SYSTEM FOR OWNER IMPROVEMENT.

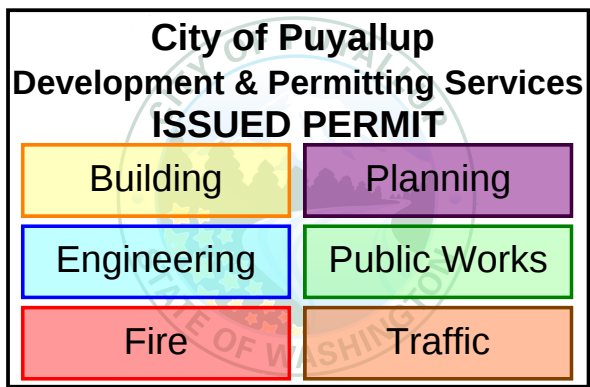
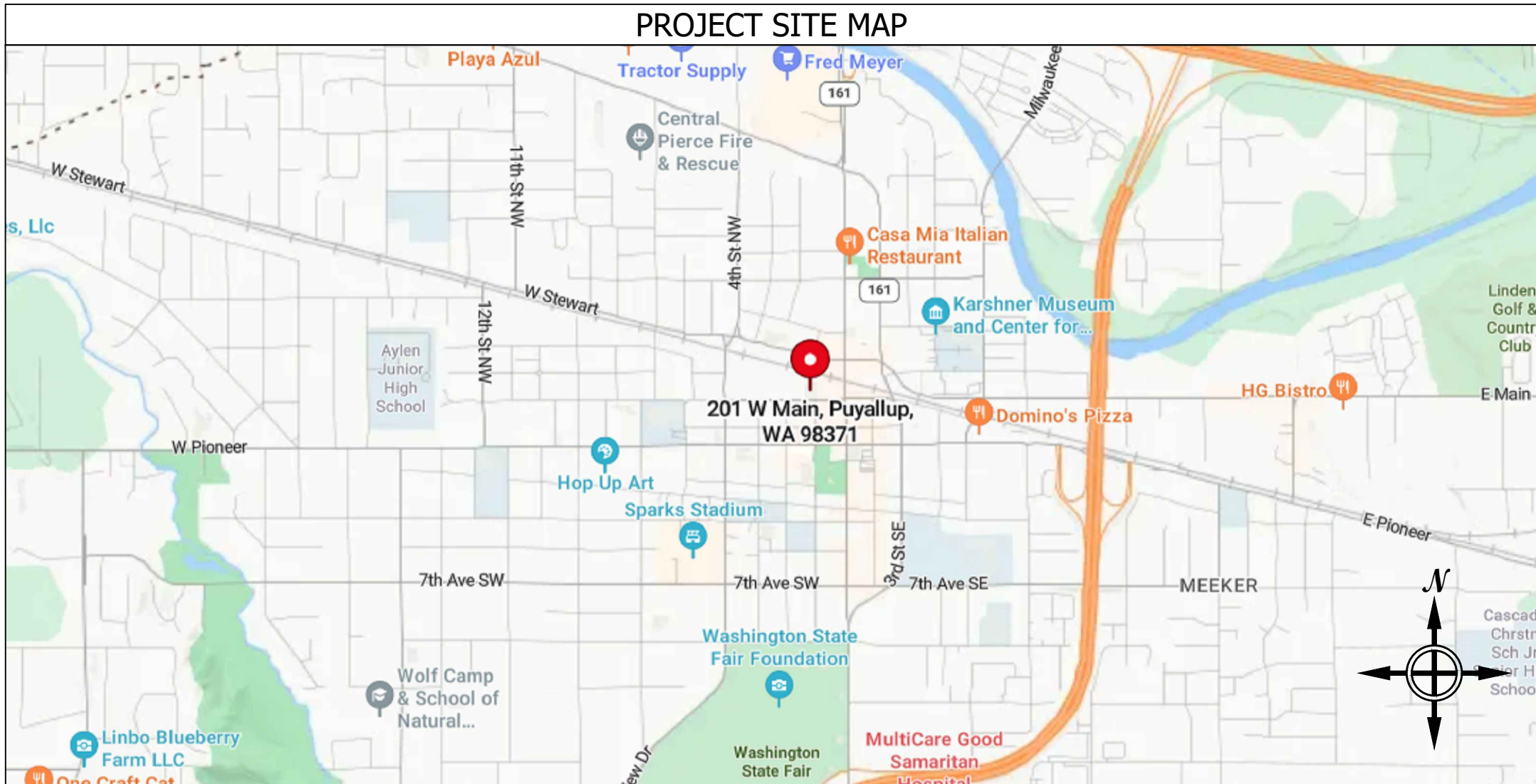
COMMUNICATION METHOD

COMMUNICATION OF ALL TROUBLE, SUPERVISORY, AND ALARM SIGNALS FOR THIS OWNER IMPROVEMENT SHALL BE PROVIDED AND INSTALLED WITH A COMMUNICATOR/COMMUNICATION MEANS ACCEPTABLE BY THE AHJ, VIA THE FACP.

CHC PUYALLUP CANNERY

SEA-TAC ELECTRIC

201 W. MAIN, PUYALLUP, WA 98371



		INPUT/OUTPUT MATRIX															
		CTRL UNIT ANNUNCIATION								NOTIFICATION				ELEVATOR			
		SYSTEM OUTPUTS															
		ACTUATE COMMON ALARM SIGNAL INDICATOR															
		ACTUATE AUDIBLE ALARM SIGNAL															
		ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR															
		ACTUATE AUDIBLE SUPERVISORY SIGNAL															
		ACTUATE COMMON TROUBLE SIGNAL INDICATOR															
		ACTUATE AUDIBLE TROUBLE SIGNAL															
		ACTUATE APPROPRIATE LOCATION INDICATOR															
		ACTUATE ALARM EVACUATION SIGNALS															
		DISPLAY CHANGE OF STATUS															
		TRANSMIT ALARM SIGNAL TO SUPERVISING STATION															
		TRANSMIT SUPV. SIGNAL TO SUPERVISING STATION															
		TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION															
		RECALL ELEVATORS TO LEVEL 1 (PRIMARY)															
		FLASH ELEVATOR "FIRE HAT"															
		</															

NOTE: THIS IS A TYPICAL MATRIX DESIGN. NOT ALL ASPECTS MAY BE APPLICABLE TO SPECIFIC JOB.

City of Puyallup
Fire
REVIEWED
FOR
COMPLIANCE
D Drake
01/31/2024
11:27:46 AM



THE APPROVED CONSTRUCTION PLANS AND ALL ENGINEERING MUST BE POSTED ON THE JOB AT ALL INSPECTIONS IN A VISIBLE AND READILY ACCESSIBLE LOCATION.

Approval of submitted plans is not an approval of omissions or oversight by this office or noncompliance with any applicable regulations of local government. The contractor is responsible for making sure that the building complies with all applicable building codes and regulations of the local government.

SHEET INDEX	
SHEET NUMBER	SHEET DESCRIPTION
FA0.00	COVER SHEET LEGENDS & INDEX
FA0.01	TYPICAL DEVICE WIRING DETAILS
FA0.02	TYPICAL DEVICE MOUNTING REQUIREMENTS
FA0.03	NAC CIRCUIT LOAD, VOLTAGE DROP & BATTERY LOAD AND BACK-UP CALCULATIONS
FA0.10	FIRE ALARM SYSTEM RISER DIAGRAM
FA2.01N	LEVEL 1 FIRE ALARM NOTIFICATION SYSTEM PLAN
FA2.01I	LEVEL 1 FIRE ALARM INITIATION SYSTEM PLAN
FA2.02N	LEVEL 2 FIRE ALARM NOTIFICATION SYSTEM PLAN
FA2.02I	LEVEL 2 FIRE ALARM INITIATION SYSTEM PLAN

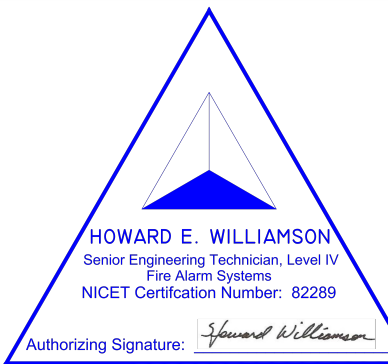
FIRE ALARM SYSTEM EQUIPMENT LEGEND						
SYMBOL	QTY	PART #	MANUFACTURER	DESCRIPTION	MOUNTING	BACK BOX
[FACP]	1	IPA-4000	POTTER	FIRE ALARM SYSTEM CONTROL PANEL	MAX 66" AFF TO CENTER OF DOOR OF PANEL, MINIMUM 36" OPENING CLEARANCE BETWEEN MULTIPLE PANELS IN ROOMS	INCLUDED
[BPS]	1	PSN-106	POTTER	BOOSTER POWER SUPPLY PANEL	MAX 66" AFF TO CENTER OF DOOR OF PANEL, MINIMUM 36" OPENING CLEARANCE BETWEEN MULTIPLE PANELS IN ROOMS	INCLUDED
[?]	184	PAD200-PD W/PAD100-60B	POTTER	INTELLIGENT PHOTO ELECTRIC SMOKE DETECTOR W/BASE	CEILING MOUNTED; SEE PROJECT FIRE ALARM SYSTEM NOTE 7, THIS SHEET; 30'-0" NOMINAL SPACING	4" SQUARE
[?]	88	PAD200-PD W/PAD100-60B	POTTER	INTELLIGENT PHOTO ELECTRIC SMOKE DETECTOR W/BASE	ABOVE FINISHED CEILING MOUNTED	4" SQUARE
[?]	1	PAD100-HD	POTTER	INTELLIGENT CONVENTIONAL HEAT DETECTOR W/BASE	CEILING MOUNTED; SEE PROJECT FIRE ALARM SYSTEM NOTE 7, THIS SHEET; 30'-0" NOMINAL SPACING	4" SQUARE
[F]A	5	PAD100-PSDA	POTTER	ADDRESSABLE MANUAL PULL STATION	WALL MOUNTED 48" AFF TO PULL STATION HANDLE	4" SQUARE
[RM]	4	PAD100-OROI	POTTER	ONE RELAY & ONE INPUT MODULE	FIELD LOCATE MODULES. MODULES SHALL BE MOUNTED NO MORE THAN 36" FROM THE DEVICE(S) BEING SUPERVISED	4" SQUARE
[?]	43	PC2WL	SYSTEM SENSOR	HORN STROBE - CEILING MOUNT - WHITE	CEILING-MOUNTED	SINGLE GANG
[?]	101	SCWL	SYSTEM SENSOR	STROBE - CEILING MOUNT - WHITE	CEILING-MOUNTED	SINGLE GANG
[?]	1	P2RK	SYSTEM SENSOR	OUTDOOR HORN STROBE - WALL MOUNT - RED	WALL-MOUNTED MAX 96" TO LENS OR WITHIN 6" OF CEILING ON LOW CEILINGS; SEE PROJECT FIRE ALARM SYSTEM NOTE 9, THIS SHEET.	4" SQUARE
[?]	1	PBA-2410	POTTER	OUTDOOR BELL - WALL MOUNT - RED	WALL-MOUNTED MAX 96" TO LENS OR WITHIN 6" OF CEILING ON LOW CEILINGS; SEE PROJECT FIRE ALARM SYSTEM NOTE 9, THIS SHEET.	BBX1

FIRE ALARM SYSTEM WIRE LEGEND				
SYMBOL	DESCRIPTION	COLOR CODING	CIRCUIT APPLICATION	NOTES
[B]	14 AWG 2 CONDUCTOR BARE COPPER, TWISTED, NON-SHIELDED PLENUM FIRE ALARM, FPLP (UL)	RED JACKET w/ YELLOW STRIPE	NAC POWER CIRCUIT	
[A]	18 AWG 2 CONDUCTOR BARE COPPER, TWISTED, NON-SHIELDED PLENUM FIRE ALARM, FPLR (UL), 1/2" EMT CABLE	RED JACKET w/ BLUE STRIPE	DIGITAL DATA BUS (NFC-DA, RM, RPU)	
[F]	18 AWG 2 CONDUCTOR FPL SHLD SOL 2-HR LSZH 105C EMT CABLE	RED JACKET	DIGITAL DATA BUS	
NOTES: **STRIPEs ARE NOT REQUIRED. HOWEVER IT DOES MAKE IT EASIER FOR CIRCUIT IDENTIFICATION.				
1- NOT USED				
2- FPLP CAN BE USED IN MOST ALL APPLICATIONS WITH THE EXCLUSION OF WET AND CIRCUIT INTEGRITY REQUIREMENTS.				
3- INSTALL WIRING PER NEC. USE CABLE TYPE CONSISTENT WITH NEC REQUIREMENTS, IE: PLENUM, RISER, UNDERGROUND, ETC.				
4- NOT USED				
5- THIS CABLE MUST BE INSTALLED IN A CONTINUOUS CONDUIT RACEWAY POINT-TO-POINT. ABSOLUTELY NO SPLICES ARE ALLOWED. NO MC ALLOWED.				
6- THIS IS A SPECIFIC CABLE, NO ALTERNATES ARE ALLOWED.				

Froula Alarm Systems, Inc.
861 Industry Drive
Tukwila, WA 98188
206-575-1962

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SEA-TAC ELECTRIC
201 W. MAIN, PUYALLUP, WA 98371

Issued for	Rev.	Date
ISSUED FOR SUBMITTAL	1	12/15/23



DRAWING TITLE

COVER SHEET
LEGENDS & INDEX

204733-168-2323

Project No.

12/15/2023

Date

JCN

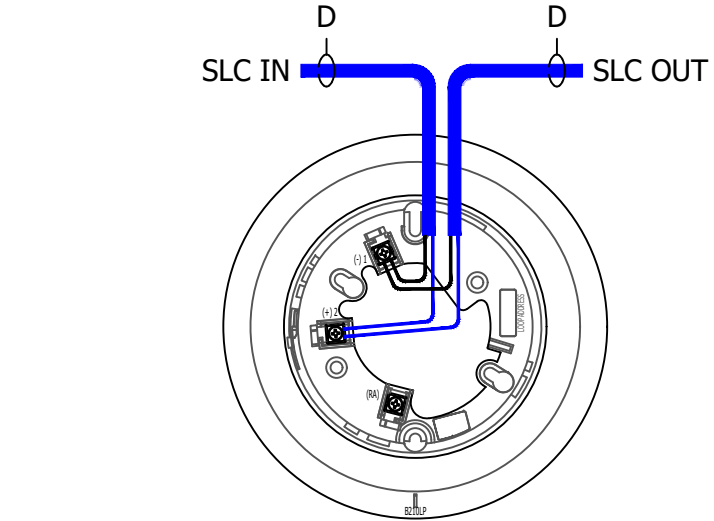
Drawn By

AS NOTED

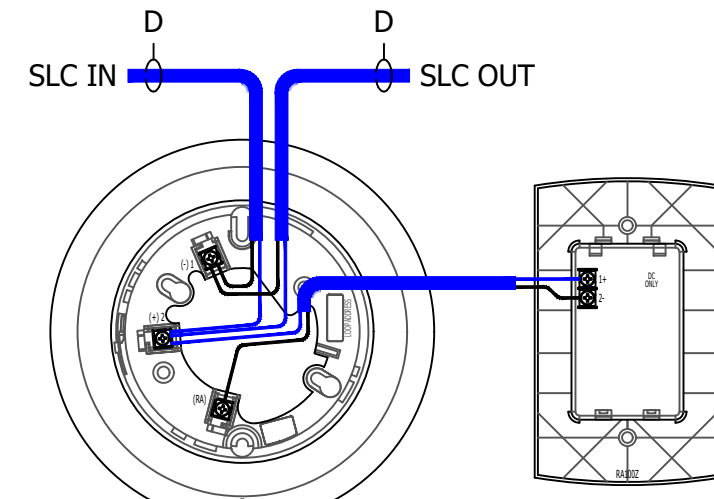
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FA0.00

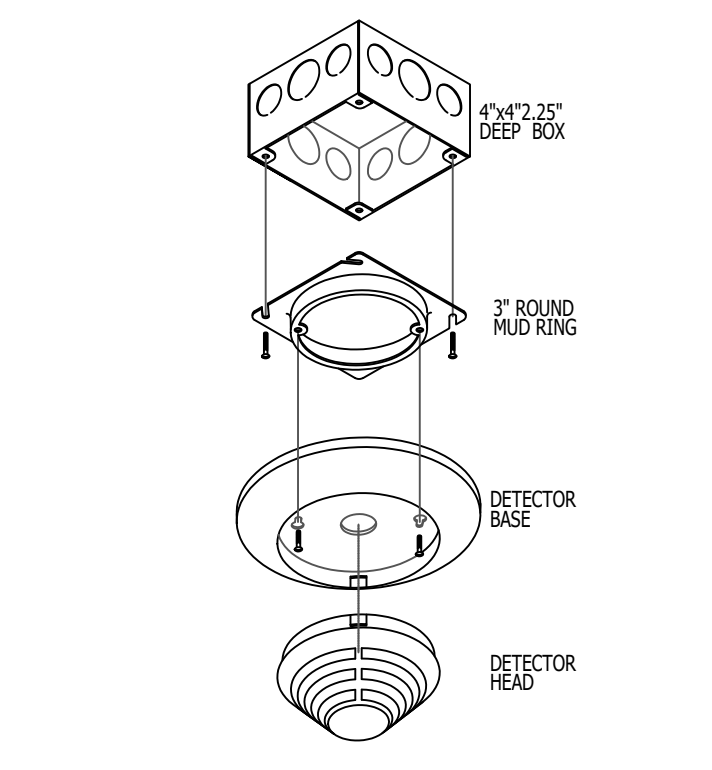
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A DETECTOR BASE



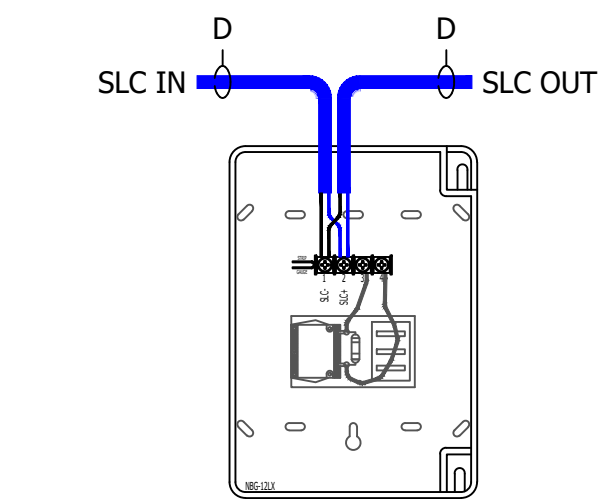
B DETECTOR BASE W/ REMOTE ALARM INDICATOR



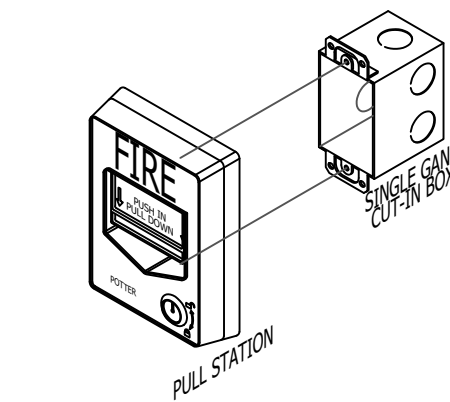
D BACKBOX & MOUNTING ISOMETRICS

1 DETECTOR BASE W/ & W/O REMOTE INDICATOR & BACKBOX MOUNTING ISOMETRICS

Scale: NTS



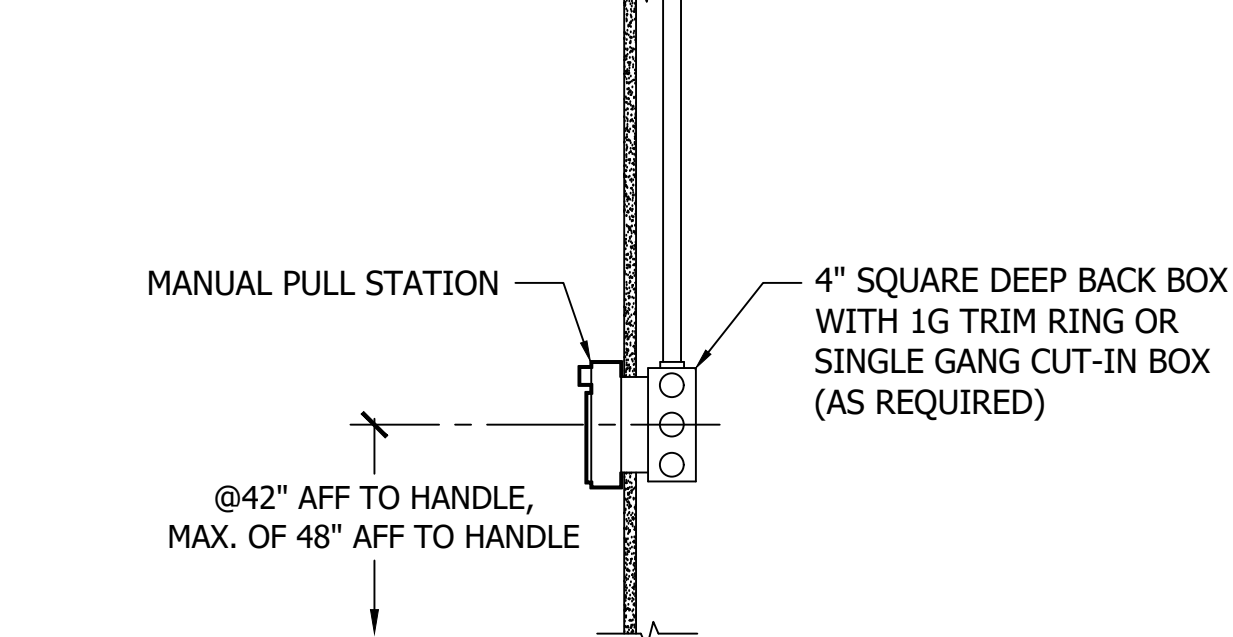
B PULL STATION



D BACKBOX & MOUNTING OPTION ISOMETRICS

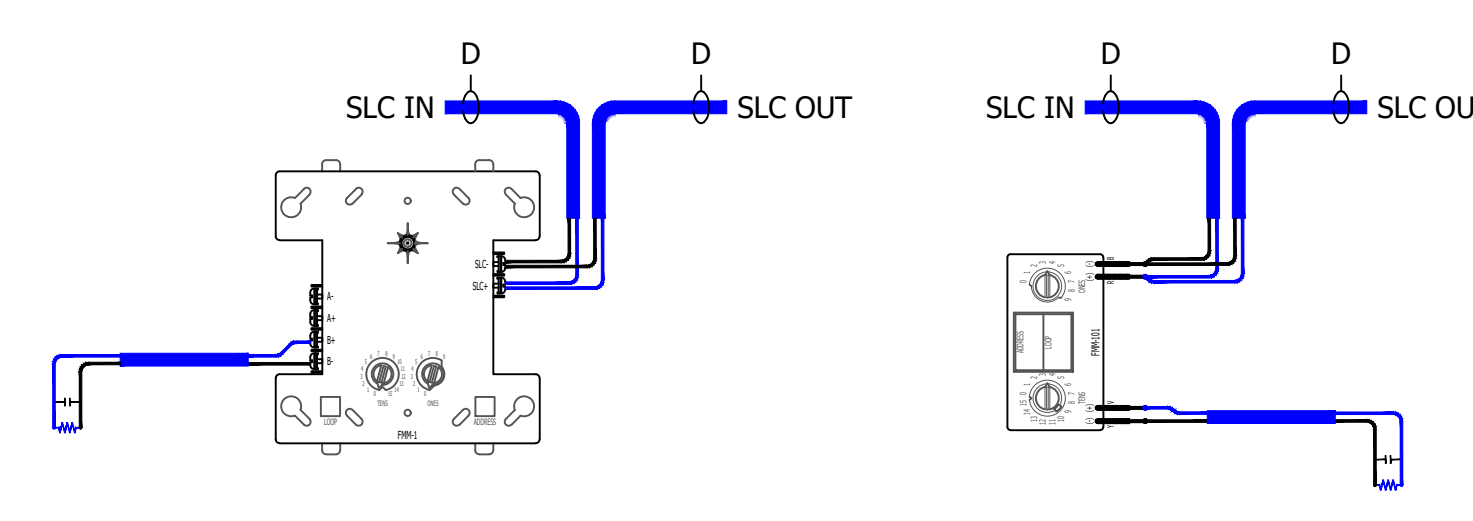
2 PULL STATION W/ BACKBOX & MOUNTING ISOMETRICS

Scale: NTS

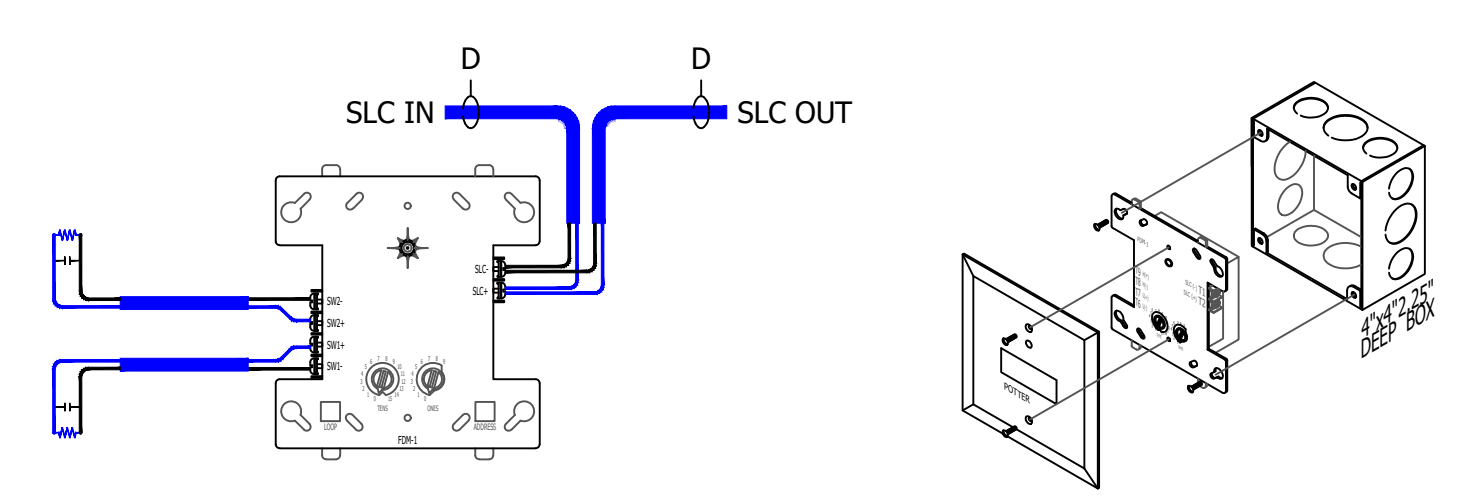


3 TYPICAL MOUNTING: MANUAL PULL STATION

Scale: NTS



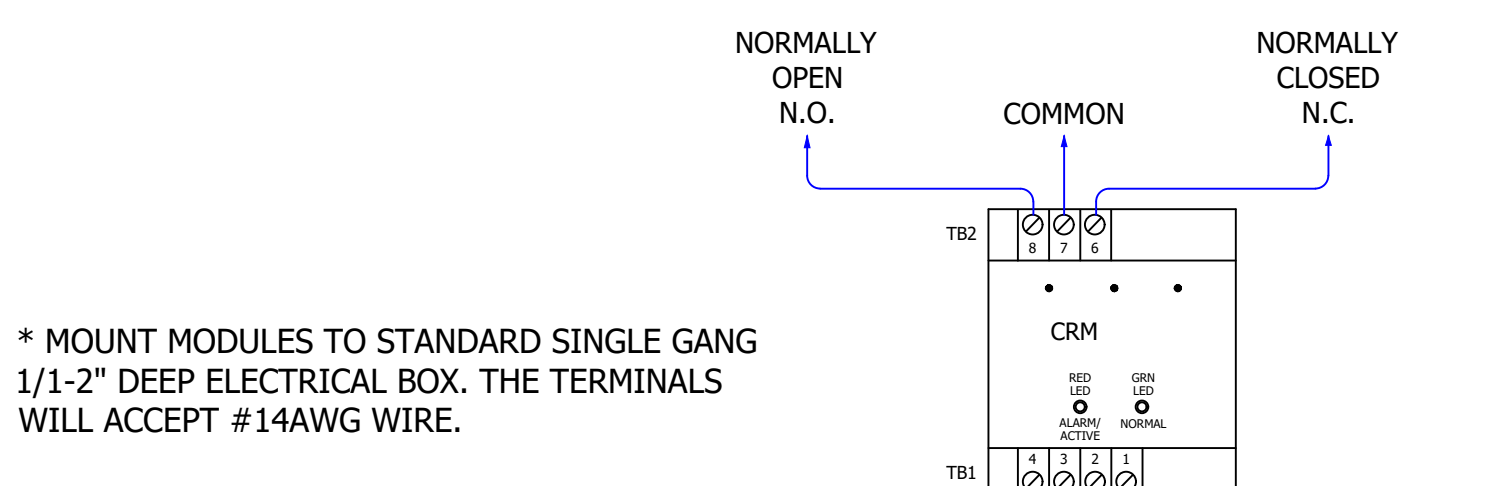
A SINGLE SWITCH INPUT MONITOR MODULE



B DUAL SWITCH INPUT MONITOR MODULE

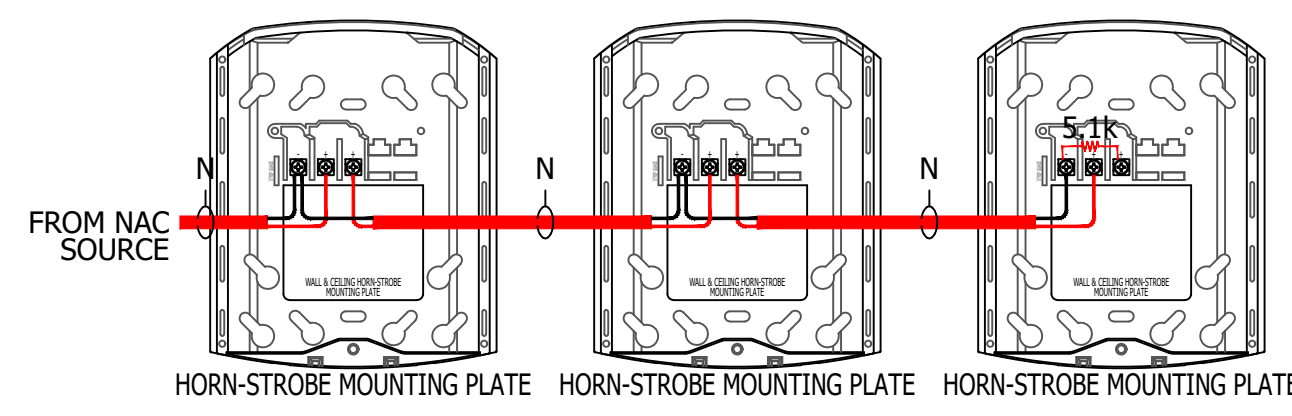
4 MONITOR MODULES W/ BACKBOX & MOUNTING ISOMETRICS

Scale: NTS

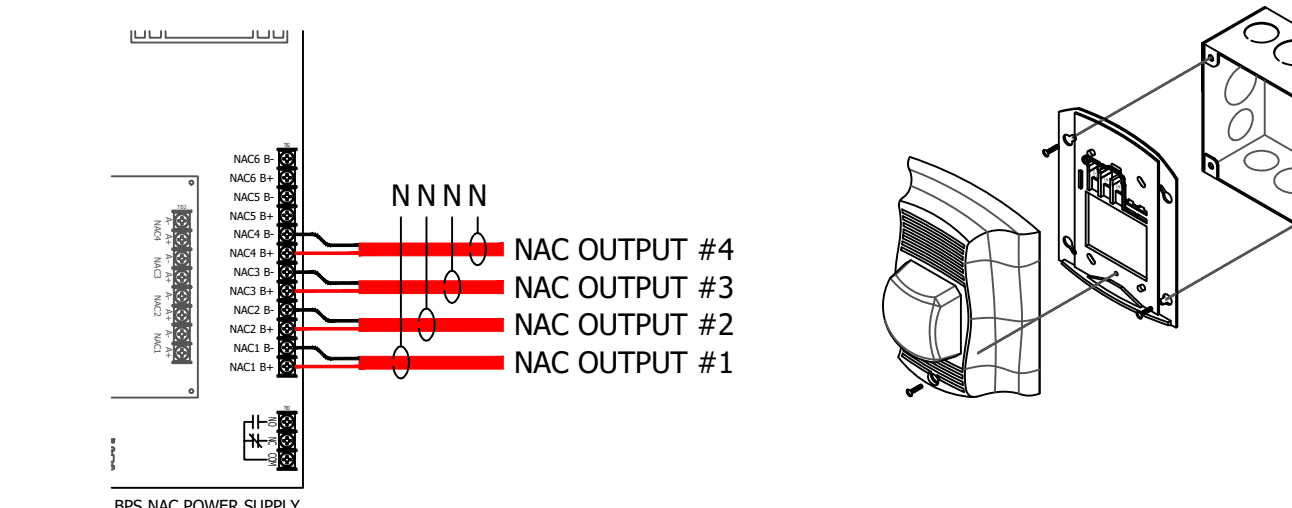


5 CONTROL RELAY MODULE & MOUNTING ISOMETRICS

Scale: NTS



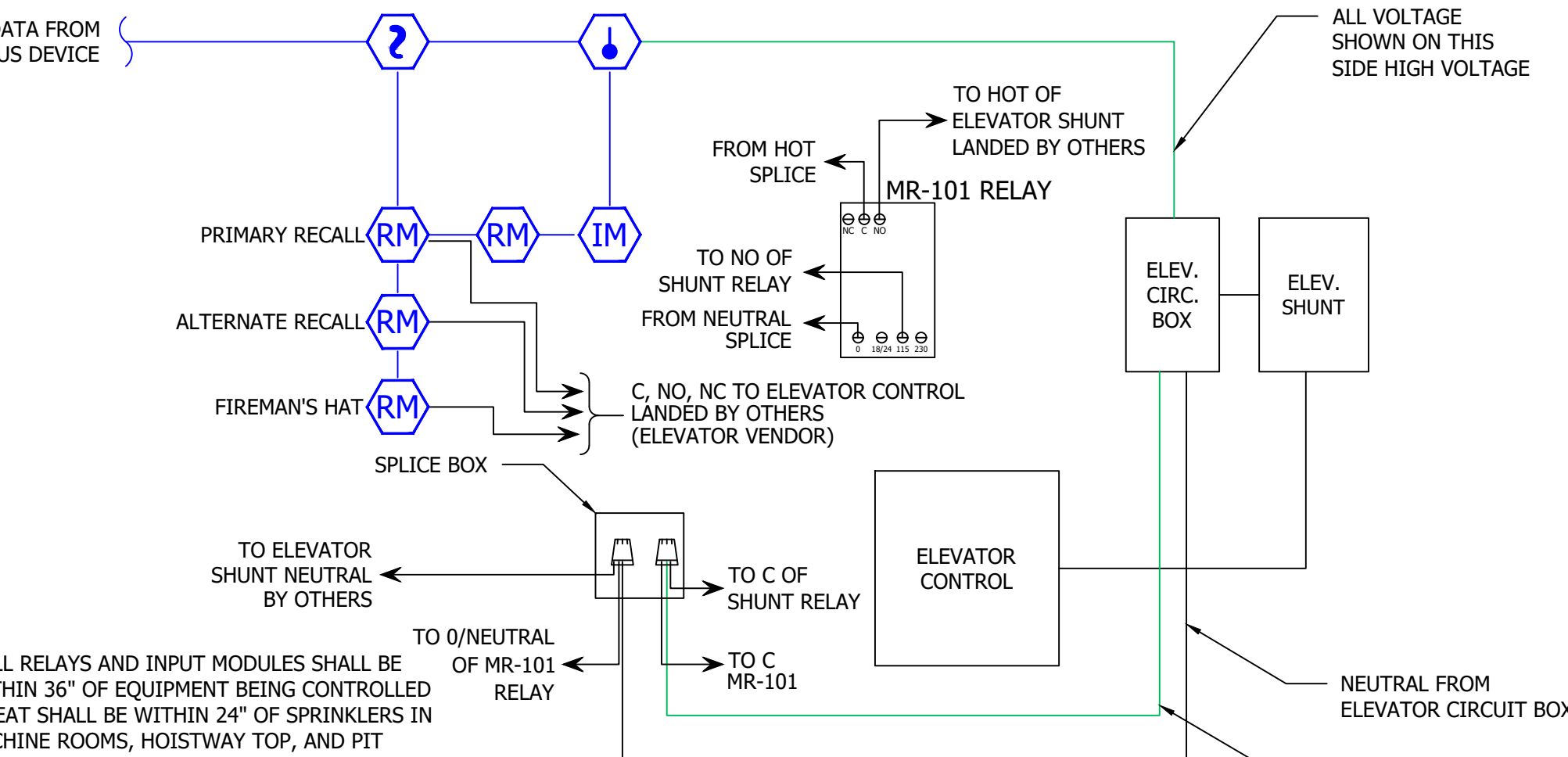
A HORN-STROBE MOUNTING PLATE



B STROBE CONTROL & OUTPUTS FROM BPS NAC POWER SUPPLY

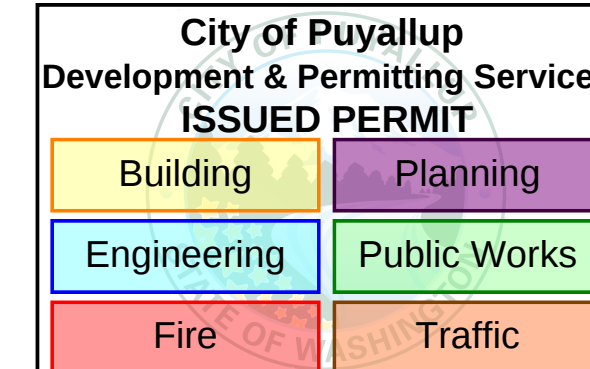
6 COMBINATION HORN-STROBE VIA BPS NAC POWER SUPPLY

Scale: NTS



7 ELEVATOR RECALL/SHUNT TRIP WIRING

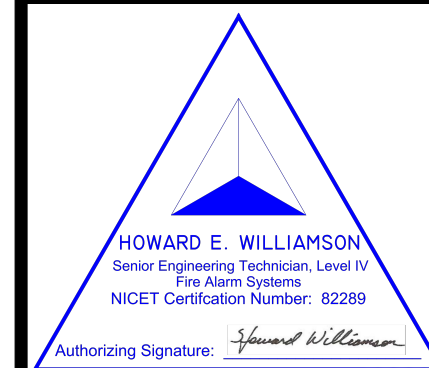
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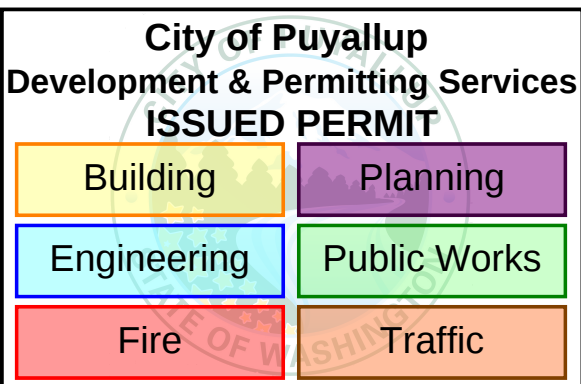
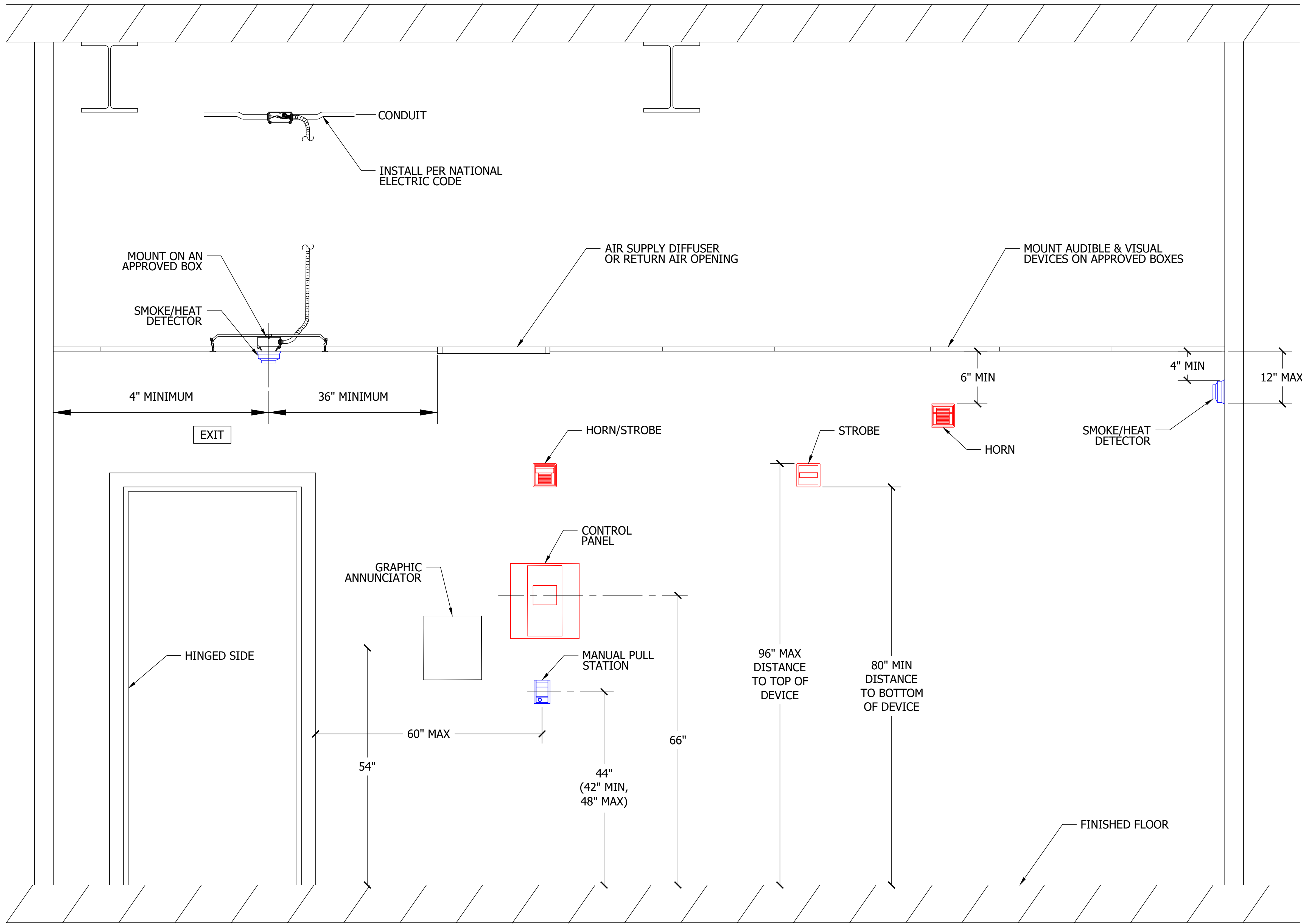
Froula Alarm Systems, Inc.
861 Industry Drive
Tukwila, WA 98188
206-575-1962

CHC PUYALLUP CANNERY
SEA-TAC ELECTRIC
201 W. MAIN, PUYALLUP, WA 98371

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DRAWING TITLE
TYPICAL DEVICE WIRING DETAILS
204733-168-2323
Project No.
12/15/2023
Date
JCN
Drawn By
AS NOTED
Scale
FA0.01
Drawing No.



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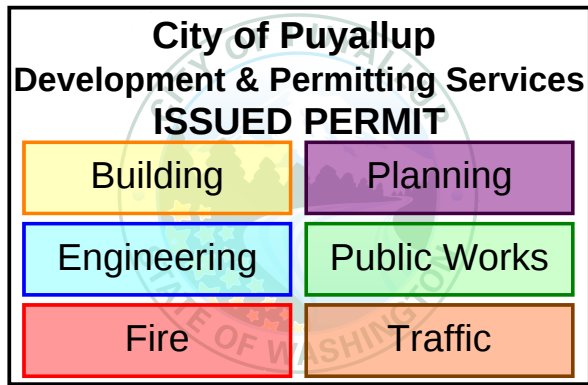
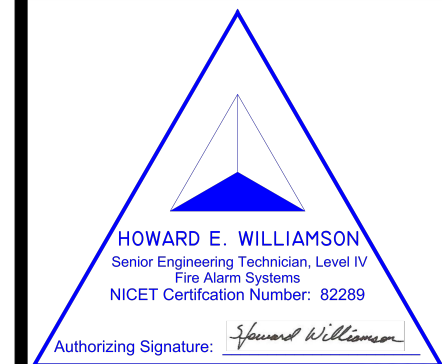


DRAWING TITLE
TYPICAL DEVICE MOUNTING REQUIREMENTS
204733-168-2323
Project No.
12/15/2023
Date
JCN
Drawn By
AS NOTED
Scale
FA0.02
Drawing No.

1 TYPICAL DEVICE MOUNTING REQUIREMENTS
Scale: 1" = 1'-0"

NAC Circuit Load, Voltage Drop & Battery Load Calculations										FACP
APS Name: FACP			Circuit Identifiers:							
Location:	Fire Rm 005	Standby:	Alarm:	Output #1 NAC Sync	Output #2 NAC Sync	Output #3 NAC Sync	Output #4 NAC Sync	Output #5 NAC Sync	Output #6 NAC Sync	Aux Power
P.S. Type:	IPA-4000	0.1300	0.2200	N1	N2	N3	N4	N5	N6	X-X
Part#:	Description:									Total Qty
PC2WL	Ceiling Horn w/ Strobe set at 15c'd	0.0000	0.0710		9		1	5	1	16
PC2WL	Ceiling Horn w/ Strobe set at 30c'd	0.0000	0.0900			1				1
PC2WL	Ceiling Horn w/ Strobe set at 75c'd	0.0000	0.1430	2	1				1	4
PC2WL	Ceiling Horn w/ Strobe set at 95c'd	0.0000	0.1650							0
PC2WL	Ceiling Horn w/ Strobe set at 115c'd	0.0000	0.1870							0
SCWL	Ceiling Strobe set at 15c'd	0.0000	0.0410	8		9	13	2	9	41
SCWL	Ceiling Strobe set at 30c'd	0.0000	0.0630			1				1
SCWL	Ceiling Strobe set at 75c'd	0.0000	0.1110							0
SCWL	Ceiling Strobe set at 95c'd	0.0000	0.1340							0
SCWL	Ceiling Strobe set at 115c'd	0.0000	0.1580							0
P2RK	Wall Horn w/ Strobe set at 75c'd Weatherproof	0.0000	0.1760					1		1
PBA-2410	Electric Bell: 10", 24VDC	0.0000	0.1700					1		1
										0
										0
										0
										0
										0
										0
ED-1504AQN5	Typical Door Holders	0.0150	0.0000							0
	# Devices per Circuit			10	10	11	14	9	11	0
	Total Standby Circuit Calculated Amps (3)	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1300
	Total Alarm Circuit Calculated Amps (1)	0.614	0.782	0.522	0.604	0.783	0.583	0.583	0.0000	0.2200
	Wire Gauge Used (awg)	14AWG	14AWG	14AWG	14AWG	14AWG	14AWG	14AWG	14AWG	Total
	Circuit Length (ft)	200	275	250	200	200	200	200	0	Amps Required
	Estimated Voltage Drop (dc)	0.64	1.12	0.68	0.63	0.81	0.61	0.61	0.00	3.888
	Estimated EOL Voltage (dc)	19.76	19.28	19.72	19.77	19.59	19.79	20.40		
	Calculated Voltage Drop %	3.1%	5.5%	3.3%	3.1%	4.0%	3.0%	3.0%	0.0%	
1) Current Draw Measurement based on: UL1971, 16-33V, DC, High db & Temporal Pattern 2) Some Outdoor/WP Devices have the same Measured Current Draw as the Indoor Devices and may not listed separately above.										
BATTERY LOAD CALC FOR FACP:										
Hours Standby: 24		Total Standby Current:	0.1300	Total Amp Hours Required for Standby (AH):				3.1		
Minutes Alarm: 5		Total Alarm Current:	4.1080	Total Amp Hours Required for Alarm (AH):				0.3		
				Minimum Battery Size Needed (AH):				3.5		
Backup Generator?: No		Spare Capacity Required		Spare Battery Capacity Required:				25%		
Voice Evacuation?: No		per NAC Circuit:	25%	Actual Battery Size Required (AH):				4.3		
Military?: No										
MAXIMUM CHARGER CAPACITY IS: 56.055AH										Total AH Rated Batteries Supplied: = 5.0

NAC Circuit Load, Voltage Drop & Battery Load Calculations										BPS	
APS Name: BPS				Circuit Identifiers:							
Location: Fire Rm 005		Standby:	Alarm:	Output #1	Output #2	Output #3	Output #4	Output #5	Output #6	Aux	
P.S. Type: PSN-106		0.0750	0.0750	NAC Sync	NAC Sync	NAC Sync	NAC Sync	NAC Sync	Doors	Power	
Part #: Description:				N1	N2	N3	N4	N5	N6	X-X	Total Qty
PC2WL	Ceiling Horn w/ Strobe set at 15cd	0.0000	0.0710	3	4	2	2	3	1		15
PC2WL	Ceiling Horn w/ Strobe set at 30cd	0.0000	0.0900		1		2		2		5
PC2WL	Ceiling Horn w/ Strobe set at 75cd	0.0000	0.1430	1		1					2
PC2WL	Ceiling Horn w/ Strobe set at 95cd	0.0000	0.1650								0
PC2WL	Ceiling Horn w/ Strobe set at 115cd	0.0000	0.1870								0
SCWL	Ceiling Strobe set at 15cd	0.0000	0.0410	10	7	11	10	10	10		58
SCWL	Ceiling Strobe set at 30cd	0.0000	0.0630		1						1
SCWL	Ceiling Strobe set at 75cd	0.0000	0.1110								0
SCWL	Ceiling Strobe set at 95cd	0.0000	0.1340								0
SCWL	Ceiling Strobe set at 115cd	0.0000	0.1580								0
P2RK	Wall Horn w/ Strobe set at 75cd: Weatherproof	0.0000	0.1760								0
PBA-2410	Electric Bell 10", 24VDC	0.0000	0.1700								0
											0
											0
											0
											0
											0
ED-1504AQN5	Typical Door Holders	0.0150	0.0000								0
	# Devices per Circuit			14	13	14	14	13	13	0	61
	Total Standby Circuit Calculated Amps (3)	0.0000	0.0900	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0750
	Total Alarm Circuit Calculated Amps (1)	0.766	0.724	0.736	0.732	0.623	0.661	0.0000	0.0000	0.0000	0.0750
	Wire Gauge Used (awg)	14AWG	14AWG	14AWG	14AWG	14AWG	14AWG	14AWG	14AWG	14AWG	Total
	Circuit Length (ft)	275	275	400	450	375	325	345	325	8	Amps
	Estimated Voltage Drop (dc)	1.10	1.04	1.53	1.71	1.21	1.12	1.12	0.00	0.00	Required
	Estimated EOL Voltage (dc)	19.30	19.36	18.87	18.69	19.19	19.28	20.40			4.242
	Calculated Voltage Drop %	5.4%	5.1%	7.5%	8.4%	6.0%	5.5%	0.0%			
1) Current Draw Measurement based on: UL1971, 16-33V, DC, High db & Temporal Pattern 2) Some Outdoor/WP Devices have the same Measured Current Draw as the Indoor Devices and may not listed separately above.											
BATTERY LOAD CALC for BPS:											
Hours Standby: 24		Total Standby Current: 0.0750		Total Amp Hours Required for Standby (AH): 1.8							
Minutes Alarm: 5		Total Alarm Current: 4.3170		Total Amp Hours Required for Alarm (AH): 0.4							
				Minimum Battery Size Needed (AH): 2.2							
Backup Generator? No		Spare Capacity Required		Spare Battery Capacity Required: 25%							
Voice Evacuation? No		per NAC Circuit: 25%		Actual Battery Size Required (AH): 2.7							
Military? No											
MAXIMUM CHARGER CAPACITY IS: 55AH										Total AH Rated Batteries Supplied: = 5.0	

[illegible]

DRAWING TITLE	
NAC CIRCUIT LOAD, VOLTAGE DROP & BATTERY LOAD AND BACK-UP CALCULATIONS	
204733-168-2323	
Project No.	
12/15/2023	
Date	
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Drawn By	
AS NOTED	
Scale	
FA0_03	
Drawing No.	

CHC PUYALLUP CANNERY
SEA-TAC ELECTRIC
201 W. MAIN, PUYALLUP, WA 98371

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building

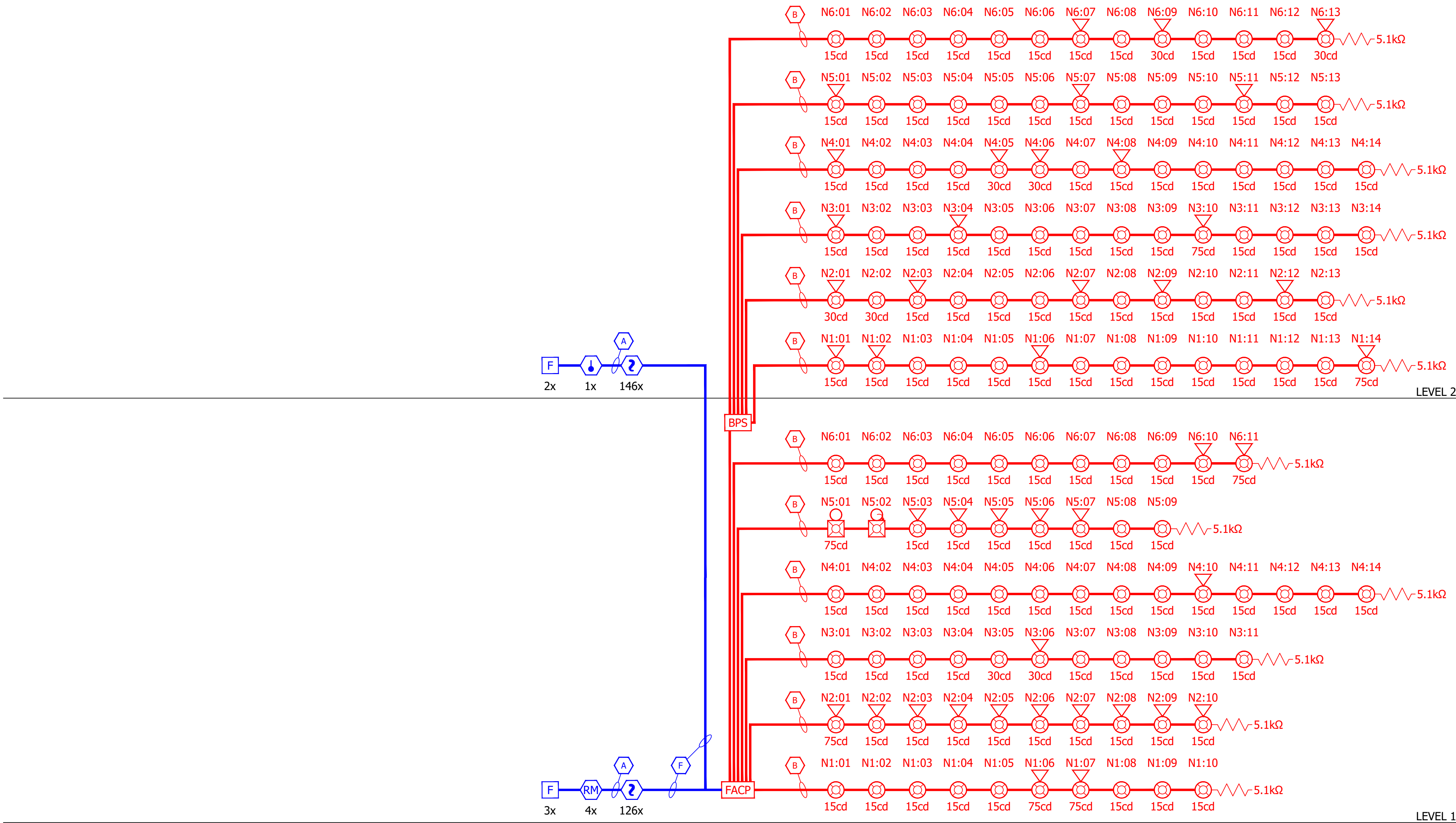
Planning

Engineering

Public Works

Fire

Traffic



Issued for	Rev.	Date
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HOWARD E. WILLIAMSON
Senior Engineering Technician, Level IV
Fire Alarm Systems
NICEET Certification Number: 62289
Authorizing Signature: *Howard Williamson*

DRAWING TITLE	
FIRE ALARM SYSTEM RISER DIAGRAM	
204733-168-2323	Project No.
12/15/2023	Date
JCN	Drawn By
AS NOTED	Scale
FA0.10	Drawing No.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

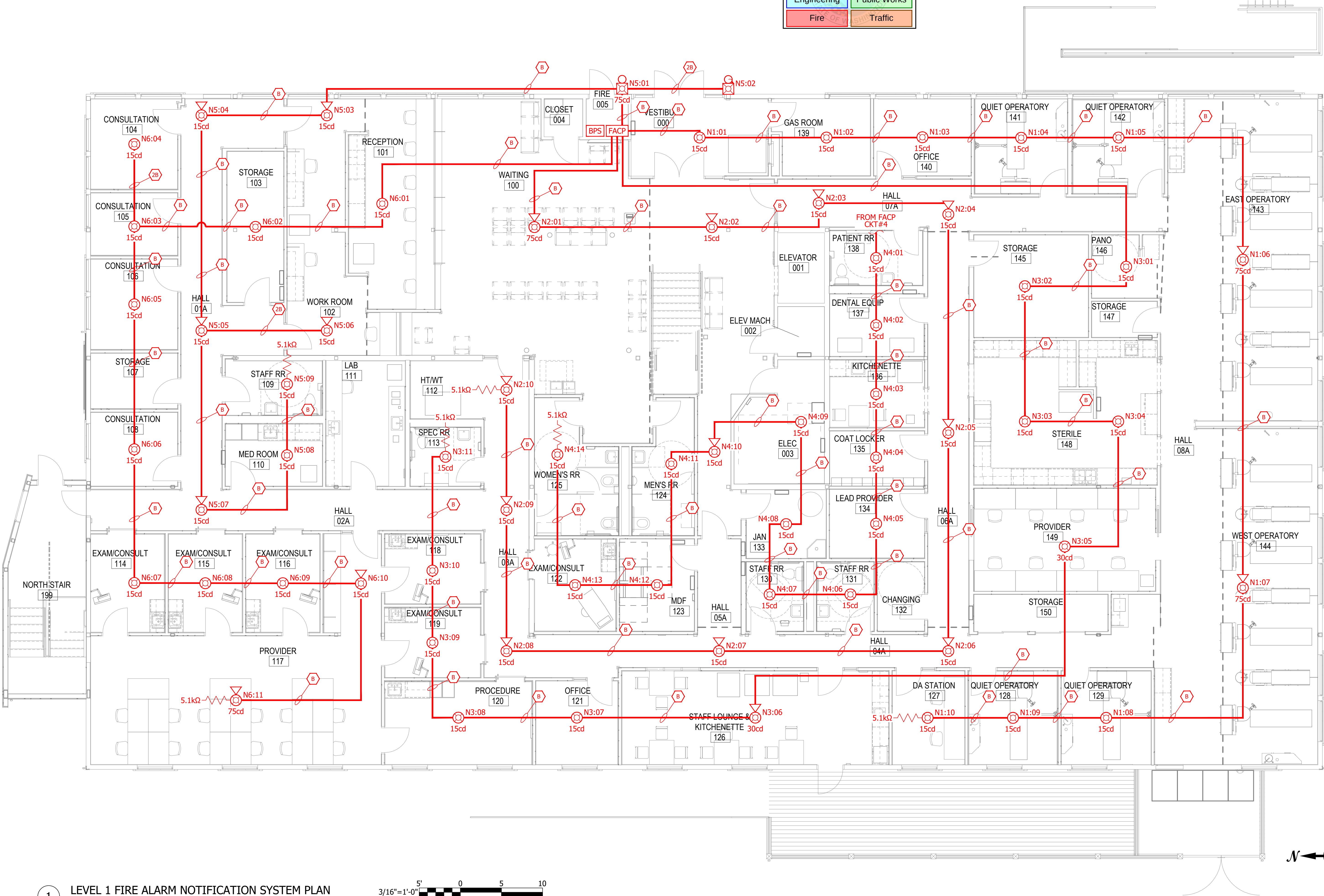
SCOPE OF WORK:

1. INSTALL NEW FIRE ALARM SYSTEM FOR OWNER IMPROVEMENT.

FROULA
ALARM SYSTEMS, Inc.

Froula Alarm Systems, Inc.
861 Industry Drive
Tukwila, WA 98188
206-575-1962

CHC PUYALLUP CANNERY
SEA-TAC ELECTRIC
201 W. MAIN, PUYALLUP, WA 98371



1 LEVEL 1 FIRE ALARM NOTIFICATION SYSTEM PLAN

Scale: 3/16" = 1'-0"

Issued for	Rev.	Date
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HOWARD E. WILLIAMSON
Senior Engineering Technician, Level IV
Fire Alarm Systems
NICET Certification Number: 82289
Authorizing Signature: *Howard E. Williamson*

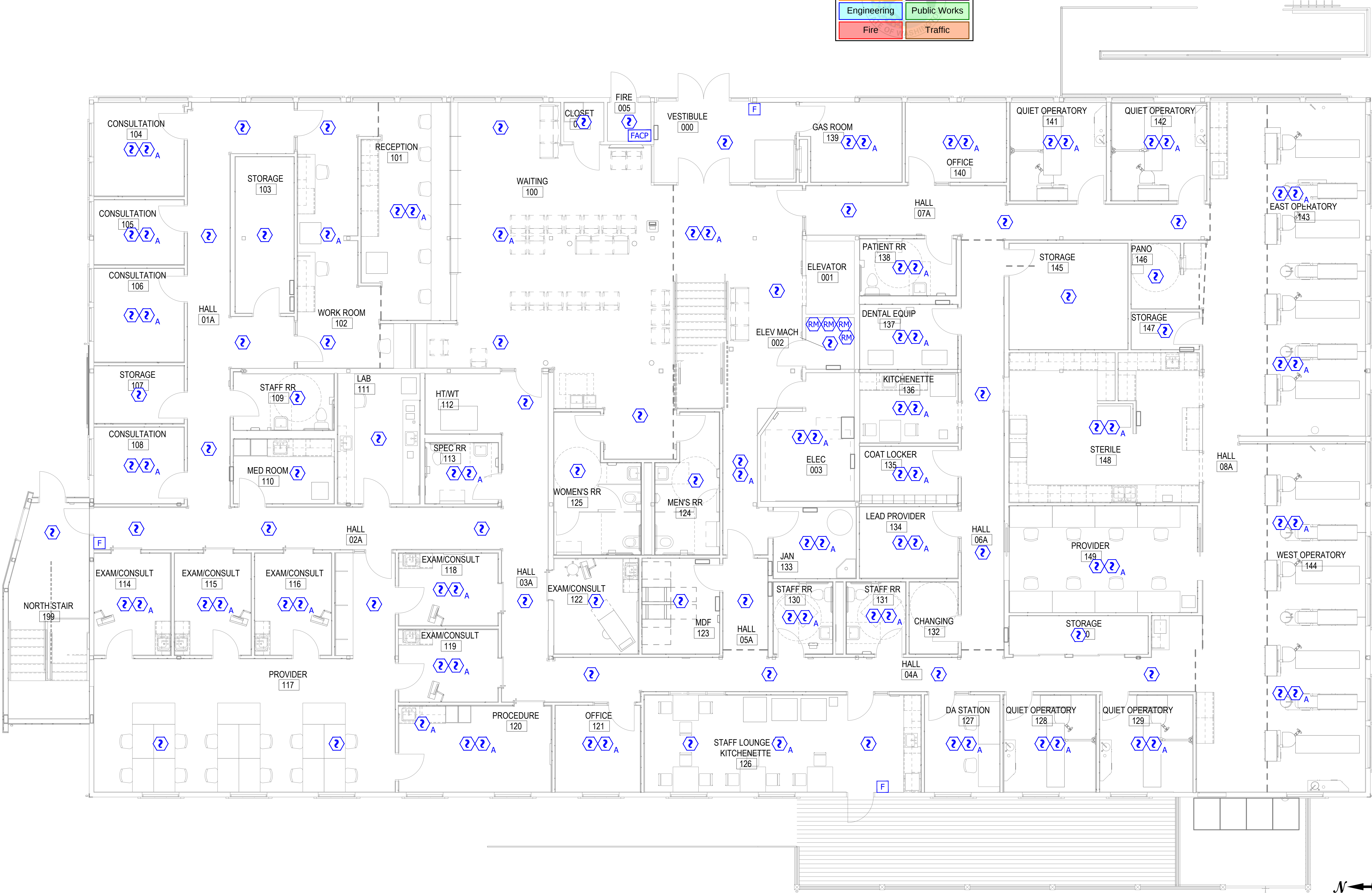
DRAWING TITLE
LEVEL 1 FIRE ALARM NOTIFICATION SYSTEM PLAN

204733-168-2323
Project No.
12/15/2023
Date
JCN
Drawn By
AS NOTED
Scale
FA2.01N
Drawing No.

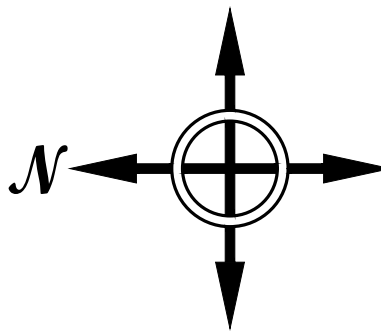
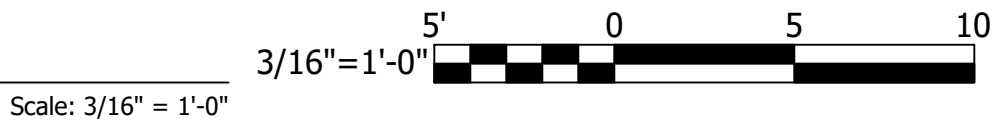
City of Puyallup Development & Permitting Services ISSUED PERMIT	
Building	Planning
Engineering	Public Works
Fire	Traffic

SCOPE OF WORK:

1. INSTALL NEW FIRE ALARM SYSTEM FOR OWNER IMPROVEMENT.



1 LEVEL 1 FIRE ALARM INITIATION SYSTEM PLAN



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LEVEL 1 FIRE ALARM INITIATION SYSTEM PLAN	
204733-168-2323	Project No.
12/15/2023	Date
JCN	Drawn By
AS NOTED	Scale
FA2.011	Drawing No.

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building

Planning

Engineering

Public Works

Fire

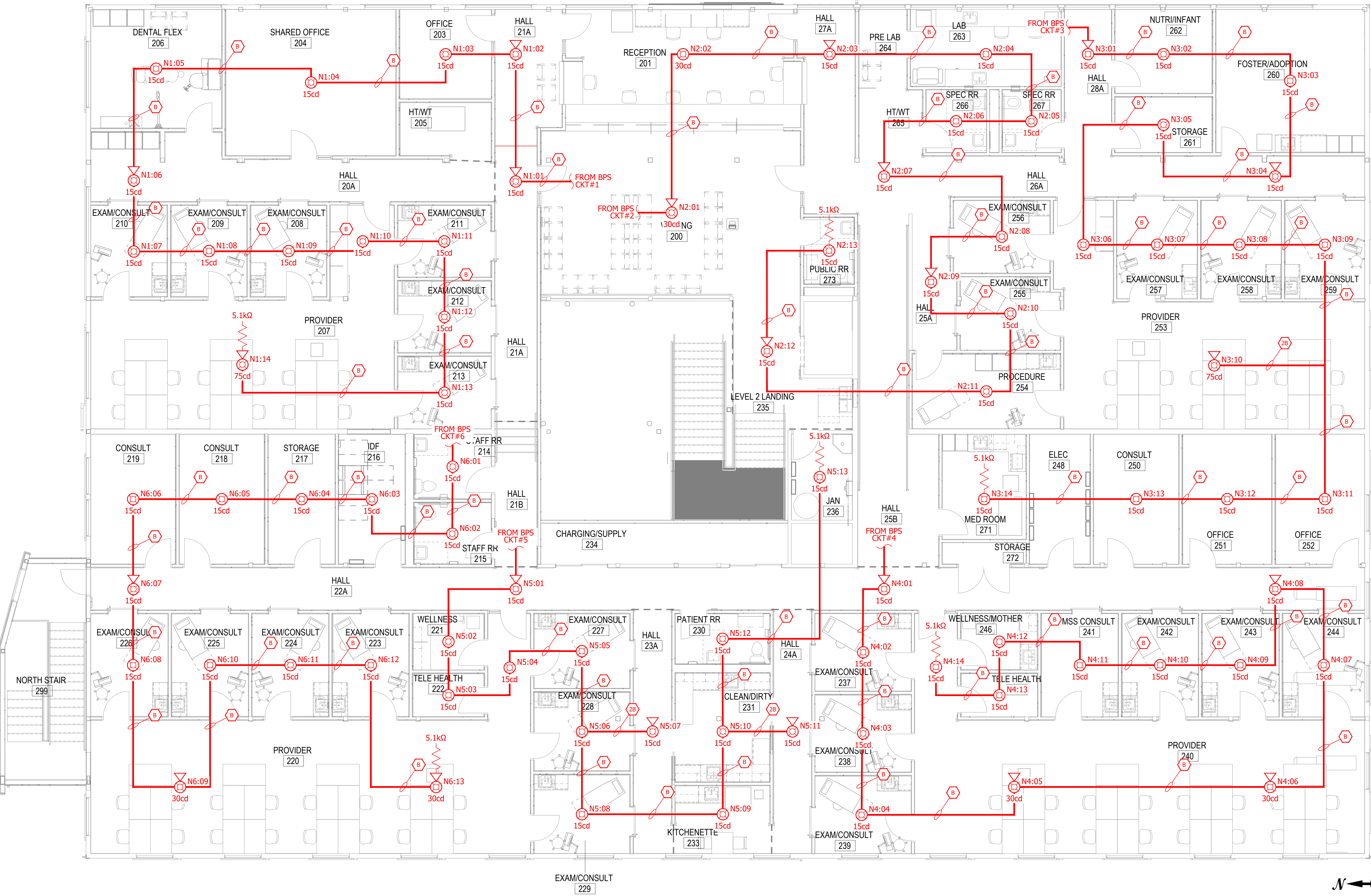
Traffic

**FROULA**
ALARM SYSTEMS, Inc.

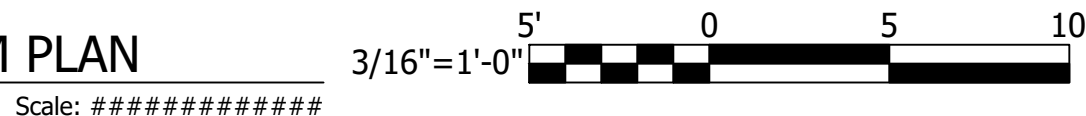
Froula Alarm Systems, Inc.
861 Industry Drive
Tukwila, WA 98188
206-575-1962

SCOPE OF WORK:

1. INSTALL NEW FIRE ALARM SYSTEM FOR OWNER IMPROVEMENT.



1 LEVEL 2 FIRE ALARM NOTIFICATION SYSTEM PLAN



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Authorizing Signature: *Howard Williamson*

DRAWING TITLE
LEVEL 2 FIRE ALARM NOTIFICATION SYSTEM PLAN
204733-168-2323
Project No.
12/15/2023
Date
JCN
Drawn By
AS NOTED
Scale
FA2.02N
Drawing No.

City of Puyallup
Development & Permitting Services
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Building

Planning

Engineering

Public Works

Fire

Traffic

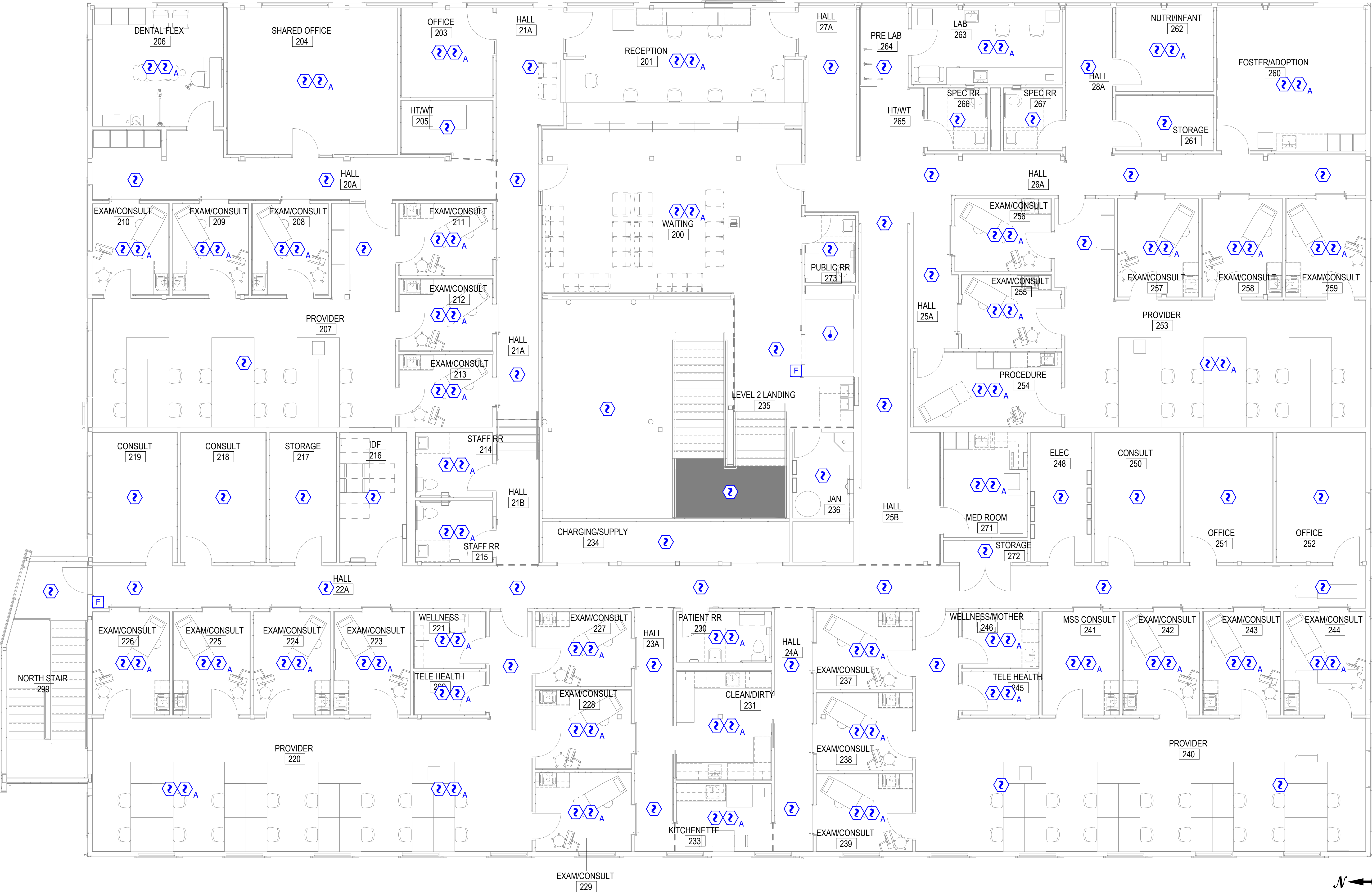
SCOPE OF WORK:

1. INSTALL NEW FIRE ALARM SYSTEM FOR OWNER IMPROVEMENT.

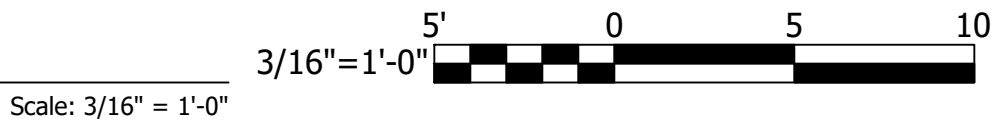
**FROULA**
ALARM SYSTEMS, Inc.

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1 LEVEL 2 FIRE ALARM INITIATION SYSTEM PLAN



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DRAWING TITLE
LEVEL 2 FIRE ALARM INITIATION SYSTEM PLAN
204733-168-2323
Project No.
12/15/2023
Date
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Drawn By
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Scale
FA2.021
Drawing No.