GENERAL NOTES

- 1. INSTALLATION SHALL BE ACCOMPLISHED IN STRICT COMPLIANCE WITH NFPA, LOCAL, AND STATE AHJ'S, NEC, AND CONTRACT DRAWINGS.
- 2. RECORD DRAWINGS ARE REQUIRED AT THE TIME OF AHJ ACCEPTANCE. PATRIOT FIRE PROTECTION, INC. REQUIRES ELECTRICAL RED LINES WITH IN TWO WEEKS PRIOR TO PRIOR AHJ TESTS.
- 3. AGREEMENT AND CONFIRMATION OF ALL MILESTONE EVENTS WILL BE MADE WITH PATRIOT FIRE PROTECTION, INC. PROJECT MANAGER, ALL FS TECHNOLOGIES FIELD SERVICES MUST BE SCHEDULED WITH PATRIOT FIRE PROTECTION, INC. PROJECT MANAGER WITH A MINIMUM OF TEN BUSINESS DAYS ADVANCE NOTICE.
- 4. A SET OF INSTALLATION AS—BUILT DRAWINGS SHOWING ACTUAL CONDUIT AND CONDUCTOR ROUTES SHALL BE KEPT BY PROJECT FOREMAN FOR USE BY PATRIOT FIRE PROTECTION, INC. ALARM TECHNICIAN.
- 5. FIRE ALARM CONTROL PANEL SHALL NOT BE ENEGRIZED WITHOUT THE PRESENCE OF A PATRIOT FIRE PROTECTION, INC. ALARM TECHNICIAN.
- 6. THE FIRE ALARM SYSTEM SHALL BE MONITORED BY UNDERWRITERS LISTED MONITORING STATION BEFORE AHJS TEST.
- 7. THE WIRING ROUTING IS DIAGRAMMATIC IN NATURE ONLY AND NOT INTENDED FOR ACTUAL CONDUIT ROUTING.
- 8. ALL CONDUIT SIZING AND ROUTING BY ELECTRICAL CONTRACTOR PER NEC AND AHJ.
- 9. NO LINE VOLTAGE IN SAME CONDUIT AS POWER LIMITED FIRE ALARM CABLE.
- 10. VERIFY ALL LOCATIONS OF DEVICES WITH ELECTRICAL AND ARCHITECTURAL PLANS, SCALE AND PLACE DEVICES PER ELECTRICAL AND ARCHITECTURAL PLANS
- 11. FIELD VERIFY WATERFLOW SWITCHES, TAMPER SWITCHES, PRESSURE SWITCHES, SMOKE DAMPERS, AND DUCT DETECTOR LOCATIONS.
- 12. FIELD VERIFY ALL WIRING LOCATIONS AND REQUIREMENTS FOR HVAC AND FAN CONTROL.
- 13. SMOKE DETECTORS SHALL NOT BE LOCATED WITH IN 36" OF ANY DIFFUSER
- 14. WALL MOUNTED AUDIBLE/VISUAL APPLIANCES SHALL BE MOUNTED IN SUCH THAT THE ENTIRE LENS IS NOT LESS THAN 80" AND NOT GREATER THAN 96" ABOVE FINISHED FLOOR
- 15. THE OPERABLE PART OF EACH MANUAL FIRE ALARM BOX SHALL NOT BE LESS THAN 3'-6" AND NOT MORE THAN 4'-0" ABOVE THE FINISHED FLOOR.
- 16. NO DETECTORS SHALL BE INSTALLED UNTIL AFTER FINAL CONSTRUCTION CLEAN—UP, DETECTORS THAT HAVE BEEN INSTALLED PRIOR TO CLEAN—UP MUST BE CLEANED OR REPLACED AND WILL BE INVOICED ON A TIME AND MATERIAL BASIS.
- 17. A DEDICATED BRANCH CIRCUIT OF ONE OF THE FOLLOWING SHALL SUPPLY PRIMARY POWER.
- A) COMMERCIAL LIGHT AND POWER.
 B) AN ENGINE-DRIVEN GENERATOR OR EQUIVALENT WHERE A PERSON SPECIFICALLY TRAINED IN ITS OPERATIONS IS ON DUTY AT ALL TIMES.
- AN ENGINE—DRIVEN GENERATOR OR EQUIVALENT ARRANGED FOR COGENERATION WITH COMMERCIAL LIGHT AND POWER WHERE A PERSON SPECIFICALLY TRAINED IN ITS OPERATION IS ON DUTY AT ALL TIMES.
- 18. ALL CIRCUITS WILL BE PROPERLY TAGGED AND TESTED FOR OPENS, SHORTS, GROUNDS, AND PROPER "END—TO—LINE" RESISTANCE. EACH CIRCUITS METER READING MUST BE DOCUMENTED AND PRESENTED TO PATRIOT FIRE PROTECTION, INC. ALARM TECHNICIAN UPON ARRIVAL ONSITE FOR STARTUP AND CHECKOUT.
- 19. NO TAPPING OF SIGNALING OR INITIATING ZONE CIRCUITS ARE ALLOWED. T—TAPPING OF STYLE 4 ADDRESSABLE CIRCUITS IS ALLOWED PROVIDING A SPLICE IS PROFESSIONALLY INSTALLED, POLARITY IS OBSERVED, AND SHIELDS ARE CONTINUOUS AND FREE OF GROUNDS. SHIELDS MUST BE TERMINATED AT THE FIRE ALARM CONTROL PANEL ONLY. CABLE SHIELDS SHALL BE SPLICED TOGETHER AT EVERY JUNCTION BETWEEN THE FIRE ALARM CONTROL PANEL AND THE LAST DEVICE ON EACH CABLE RUN. SHIELDS AND OTHER FIRE ALARM CONDUCTORS (EXCEPT POWER GROUNDS) SHALL BE INSULATED AND COMPLETELY FREE FROM CONDUIT OR EARTH GROUNDS. SHIELDS WILL BE TIED TO GROUND ONLY AT THE FIRE ALARM CONTROL PANEL.

DRAWING ACCEPTANCE

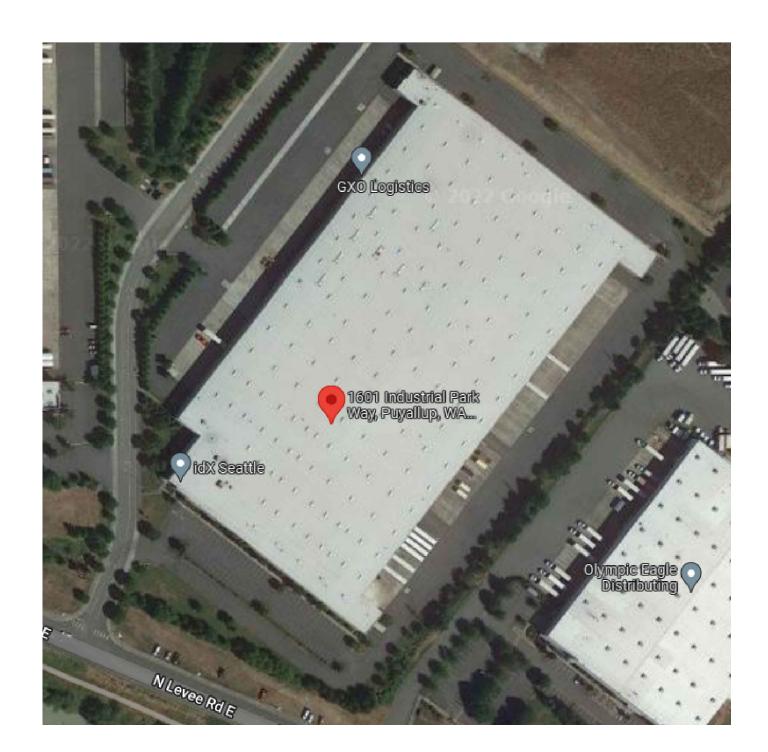
THIS DRAWING IS TO BE USED FOR THE PURPOSE OF PLACING AND LOCATING PATRIOT FIRE PROTECTION, INC. FIRE ALARM DEVICES AND IS NOT TO BE USED FOR ANY OTHER PURPOSES.

INSTALLATION COMPANY

MONITORING COMPANY

PATRIOT FIRE PROTECTION, INC. 2707 70TH AVE E, TACOMA, WA 98424

4500 3RD AVE SE. LACEY, WA 98503



VICINITY MAP

NOT TO SCALE



SCOPE OF WORK

- ADD SPOT-TYPE SMOKE DETECTORS TO SUITE 103 - REMOVE BEAM-TYPE SMOKE DETECTORS IN SUITE 103

- ADD SLC LOOP EXPANDER TO BUILDING SYSTEM.

SYSTEM DESIGN CODES

INTERNATIONAL BUILDING CODE (IBC 2015 EDITION)

ADA INTERNATIONAL CODE ANSIE 117.1

INTERNATIONAL FIRE CODE (IFC 2020 EDITION)

NATIONAL ELECTRICAL CODE (NFPA 70 2020 EDITION)

ADA INTERNATIONAL CODE ANSIE 117.1

NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72 2016 EDITION)

USE & OCCUPANCY CLASSIFICATION

□ ASSEMBLY (A) □ A−1 □ A−2 □ A−3 □ A−4 □ A−5

■ BUSINESS (B)

☐ EDUCATIONAL (E)
☐ FACTORY & INDUSTRIAL (F) ☐ F-1 ☐ F-2

□ HIGH HAZARD (H) □ H−1 □ H−2 □ H−3 □ H−4 □ H−5

☐ INSTITUTIONAL (I)☐ MERCANTILE (M)☐ RESIDENTIAL (R)

□ R-1 □ R-2 □ R-3 □ R-4

□ I−1 □ I−2 □ I−3 □ I−4

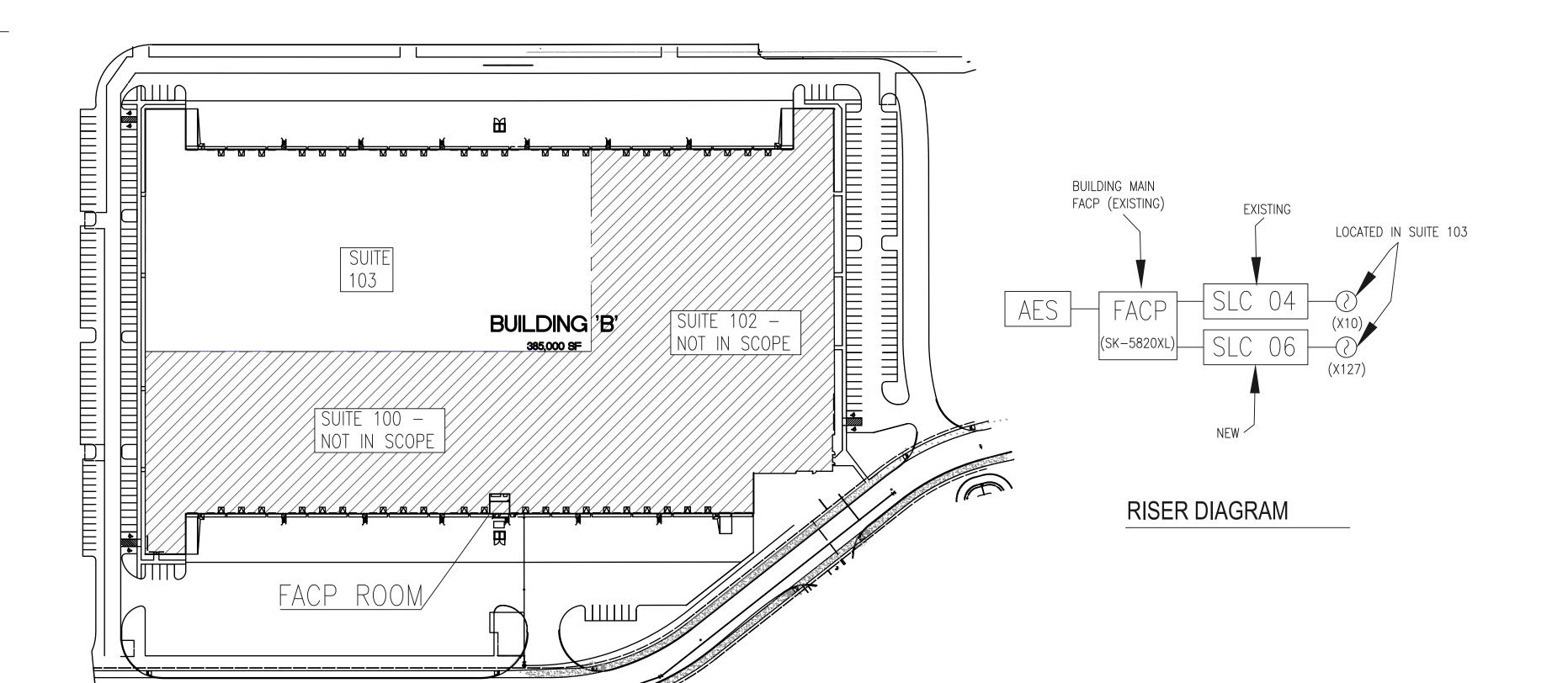
■ STORAGE (S) ■ S-1 □ S-2 □ S-3 □ S-4 □ UTILITY & MISCELLANEOUS (U)

AUTOMATIC SPRINKLER PROTECTION

□ NO □ PARTIAL ■ FULL

FIRE ALARM LEGEND					
NEW	EXISTING	SYMBOL	DESCRIPTION		MOUNTING
	1	FACP	FIRE ALARM CONTROL PANEL	SILENT KNIGHT 5820XL	SELF CONTAINED
	1	AES	RADIO COMMUNICATOR	AES 7788	SELF CONTAINED
1	1	SLC	SLC LOOP EXPANDER	SILENT KNIGHT 5815XL	SELF CONTAINED
		PS	POWER SUPPLY		
		ANN	ANNUNCIATOR		
		<u></u>	DUCT SMOKE DETECTOR		
		X.	OUTDOOR HORN STROBE		
		.	WALL MOUNTED HORN STROBE		
		⊠	WALL MOUNTED STROBE		
			WALL MOUNTED HORN		
		8	CEILING MOUNTED HORN STROBE		
		⊗ _∞	CEILING MOUNTED STROBE		
137		(2)	SMOKE DETECTOR	SILENT KNIGHT SD 505-PHOTO	4" SQ DEEP
		F	MANUAL PULL STATION		
		M2	DUAL INPUT MONITOR MODULE		
		M	SINGLE INPUT MONITOR MODULE		
		WF	WATERFLOW SWITCH		
		TS	TAMPER SWITCH		
		FP	FIRE PUMP RUN		
		OSY	OS&Y VALVE TAMPER		
		PIV	PIV TAMPER		
		\otimes	FIRE SPRINKLER RISER		
		BFP	BACKFLOW PREVENTER		
		Ţ.	ELECTRIC BELL		
		1	HEAT DETECTOR		
		(1)	JUNCTION BOX		

	WIRE L	EGEND	
ID	AWG	COND	CLASS
Δ	14	2	FDI P



BUILDING FLOOR PLAN
NOT TO SCALE



SHEET INDEX
SHEET REV DESCRIPTION
FA001 GENERAL SHEET
FA101 FLOOR PLAN AND CALCULATIONS
FA103 ENLARGED LAYOUT
FA103 PRODUCT TYPICALS

STATE TATOS

FA103 PRODUCT TYPICALS

STATE TATOS

FA103 PRODUCT TYPICALS

STATE TATOS

SHEET INDEX
DESCRIPTION
DESCRIPTION
THE TATOS

FA104 GENERAL SHEET
FA105 FLOOR PLAN AND CALCULATIONS

FA105 FLOOR PLAN AND CALCULATIONS

FA106 FLOOR PLAN AND CALCULATIONS

FA107 FLOOR PLAN AND CALCULATIONS

FA107 FLOOR PLAN AND CALCULATIONS

FA108 FLOOR PLAN AND CALCULATIONS

FA108 FLOOR PLAN AND CALCULATIONS

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FA108 FLOOR PLAN AND CALCULATIONS

FA109 FL



-ADD SPOT-TYPE SMOKE DETECTORS TO SUITE 103 -REMOVE BEAM-TYPE SMOKE DETECTORS IN SUITE 103 -ADD SLC LOOP EXPANDER TO BUILDING SYSTEM.

REVISIONS				
NO	DATE	BY	DESCRIPTION	
CON	CONTRACT WITH:			

PROJECT NAME:

PUYALLUP 1
1601 INDUSTRIAL PARK WAY
SUITE 103
PUYALLUP, WA 98371



TEL: (253) 926-2290 FAX: (253) 922-6150

PATRIFP099CF WWW.PATRIOTFIRE.COM

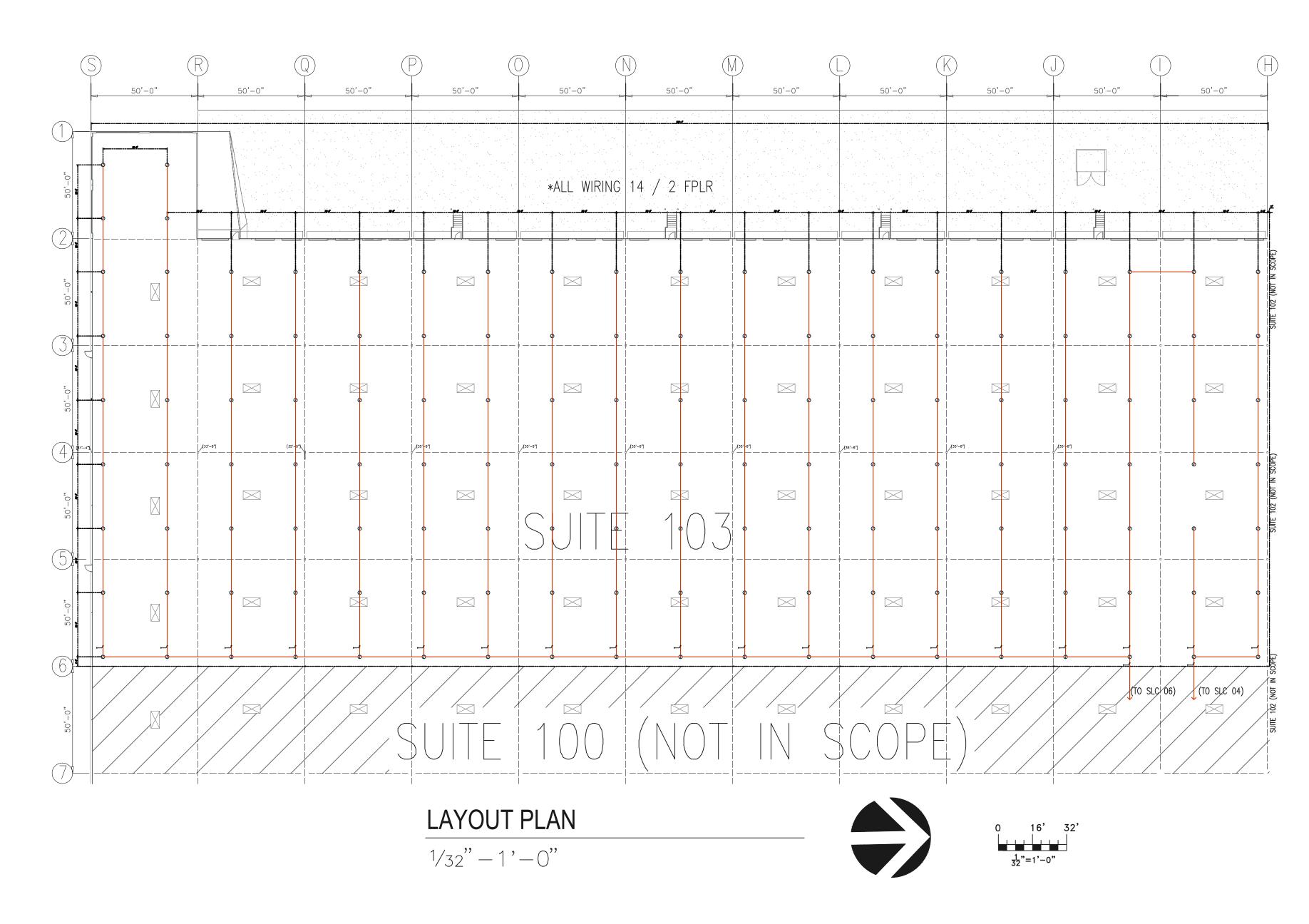
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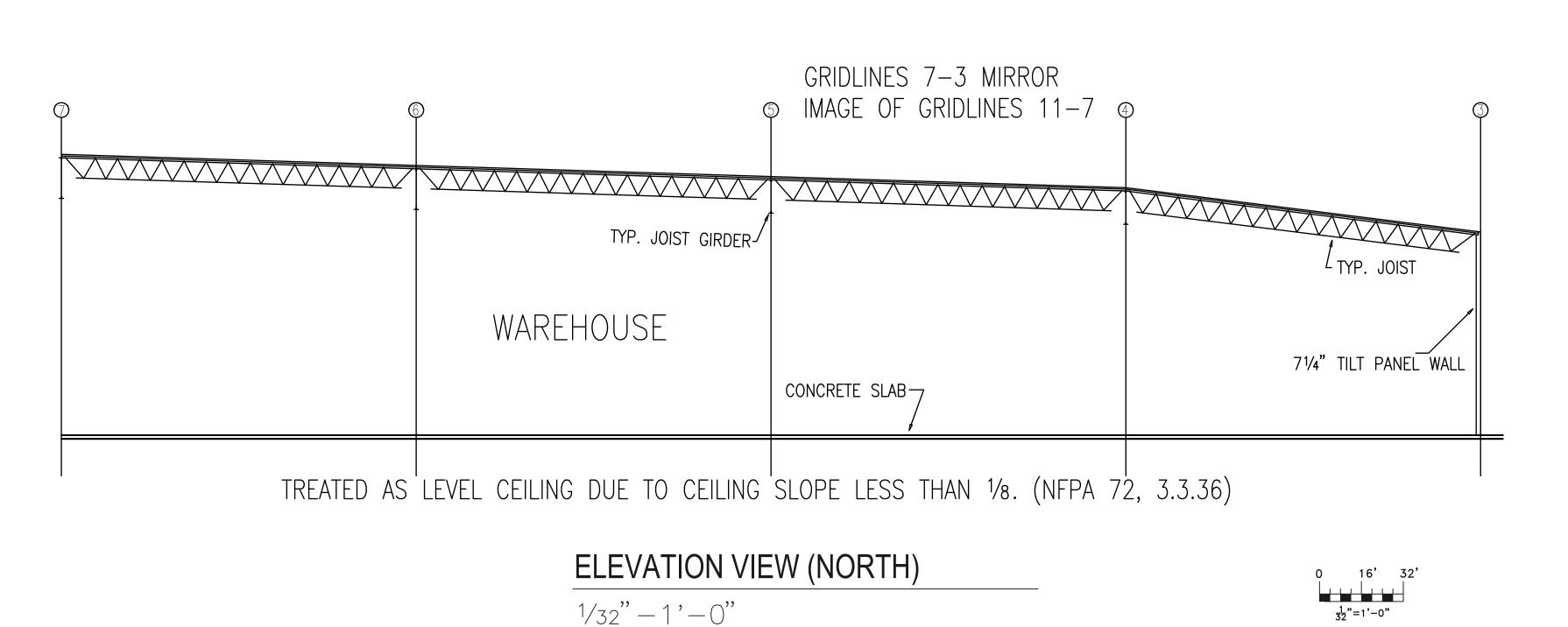
 DESIGNER
 STEVYN S

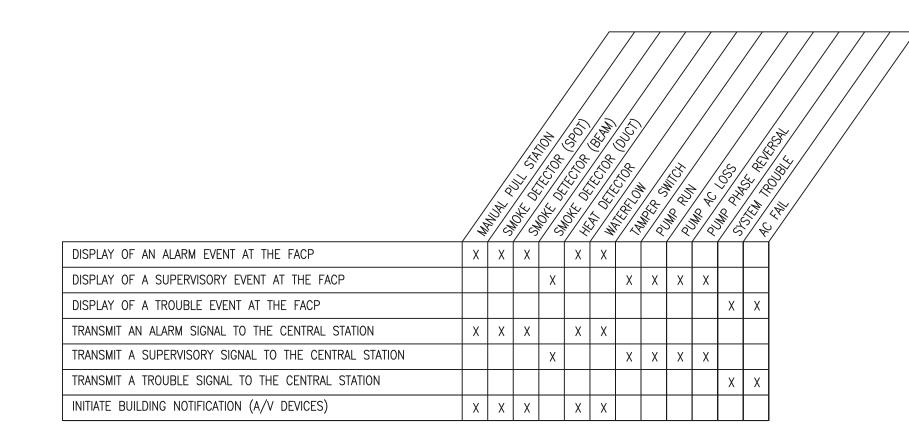
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 9/12/2022

 JOB NO.
 16-2488

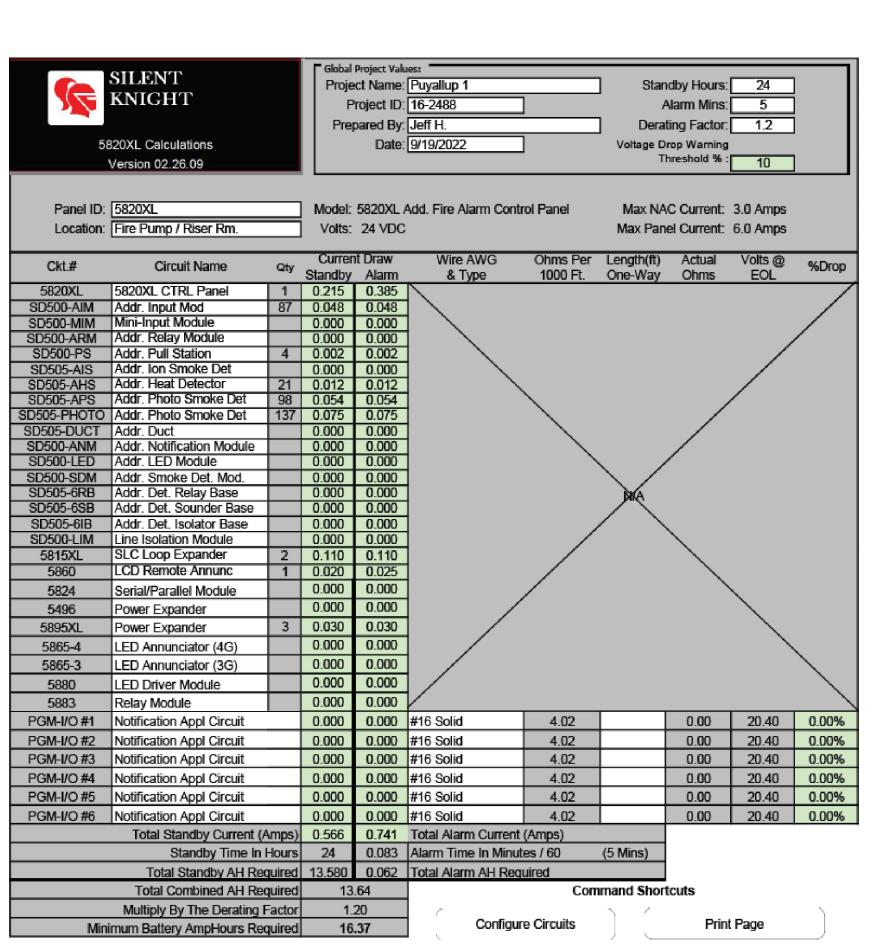
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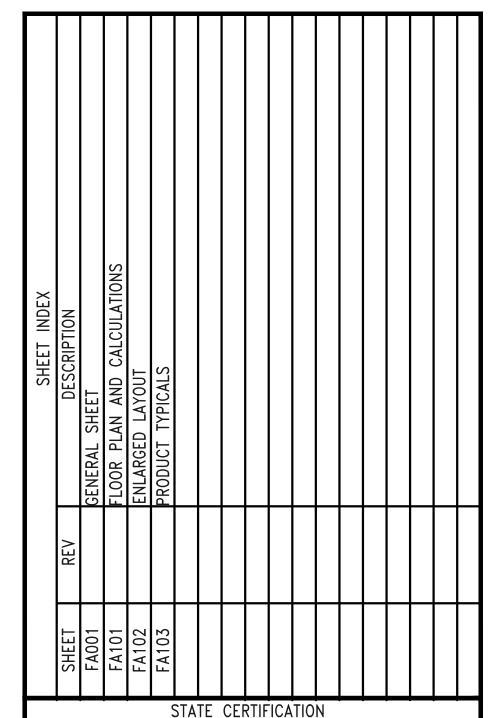




OPERATIONAL MATRIX



POWER CALCULATIONS





-ADD SPOT-TYPE SMOKE DETECTORS TO SUITE -REMOVE BEAM-TYPE SMOKE DETECTORS IN SUITE 103 -ADD SLC LOOP EXPANDER TO BUILDING

REVISIONS				
NO	DATE	BY	DESCRIPTION	
CONTRACT WITH:				

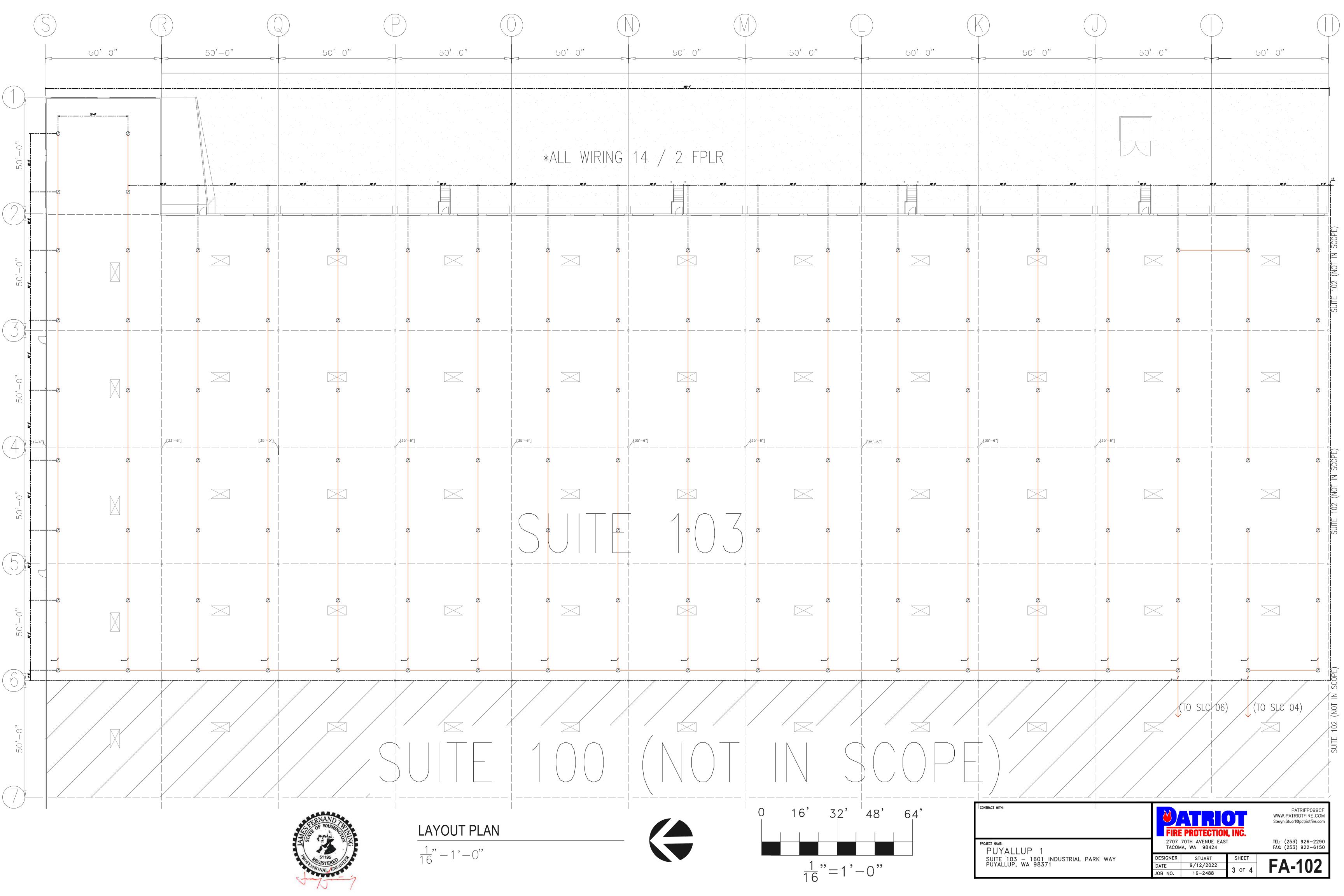
PUYALLUP 1
1601 INDUSTRIAL PARK WAY
SUITE 103
PUYALLUP, WA 98371

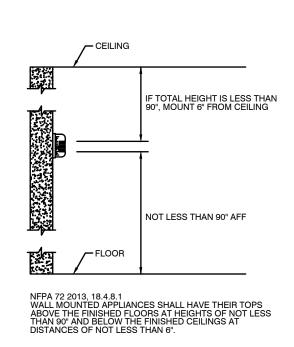


PATRIFP099CF WWW.PATRIOTFIRE.COM Stevyn.Stuart@patriotfire.com TEL: (253) 926-2290 FAX: (253) 922-6150

STEVYN S 9/12/2022 16-2488 DESIGNER

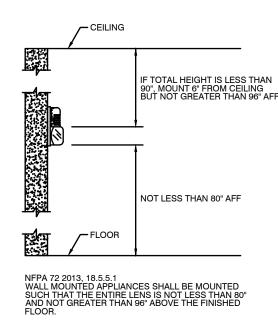
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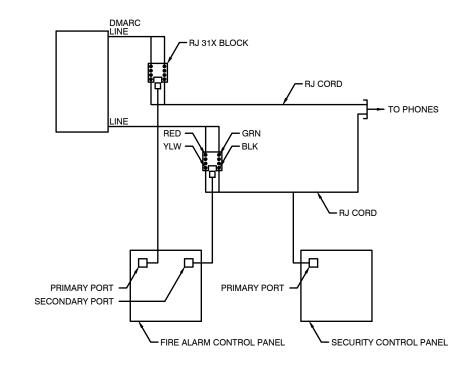


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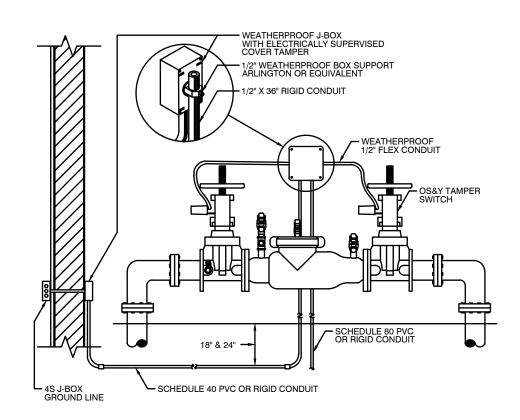
FIRE ALARM - HORN MOUNTING



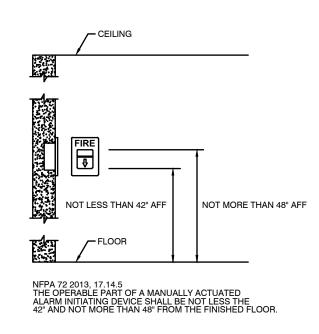
FIRE ALARM - STROBE MOUNTING B



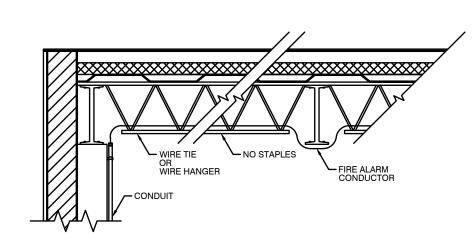
FIRE ALARM - PHONE CONNECTION



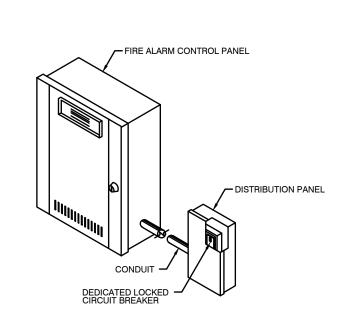
FIRE ALARM - DCVA TAMPER SWITCHES



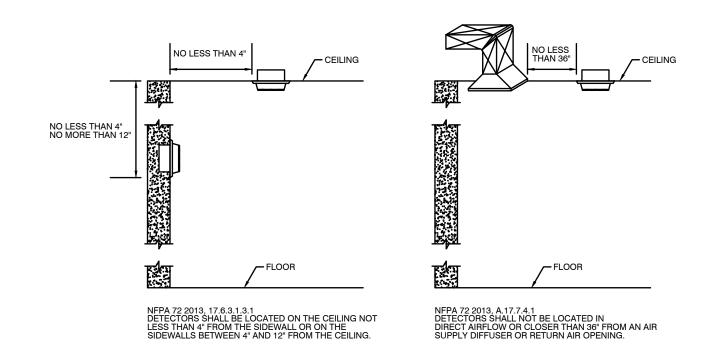
FIRE ALARM - PULL STATION MOUNTING



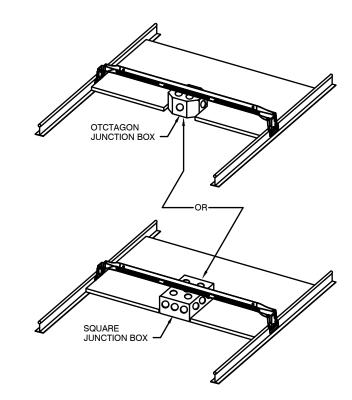
FIRE ALARM - CEILING TO WALL TRANSITION AND OPEN WIRING



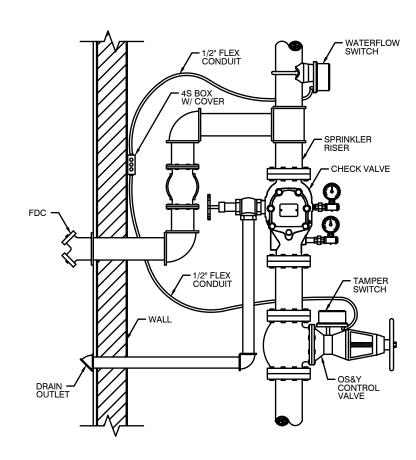
FIRE ALARM - POWER DISCONNECT



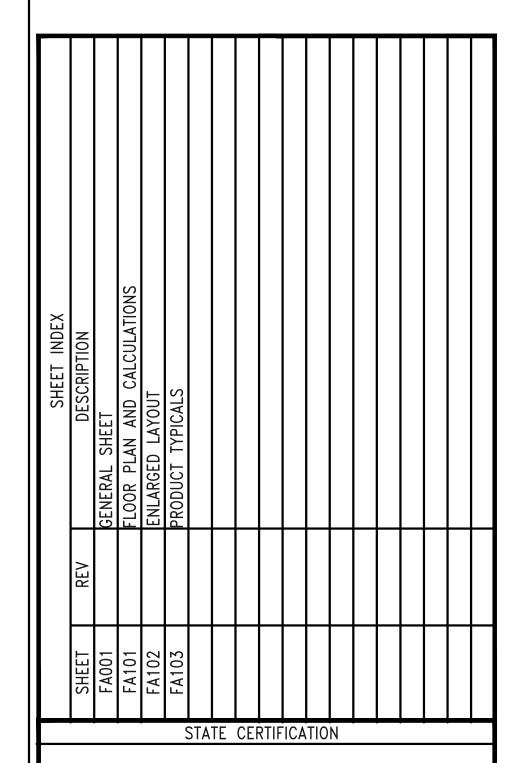
FIRE ALARM - SMOKE & HEAT MOUNTING



FIRE ALARM - DROP CEILING & J BOX



FIRE ALARM - OS&Y TAMPER GATE VALVE





-REMOVE BEAM-TYPE SMOKE DETECTORS IN SUITE 103 -ADD SLC LOOP EXPANDER TO BUILDING SYSTEM.

REVISIONS				
NO	DATE	BY	DESCRIPTION	
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1601 INDUSTRIAL PARK WAY
SUITE 103
PUYALLUP, WA 98371



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DESIGNER STEVYN S 9/12/2022 JOB NO. 16-2488