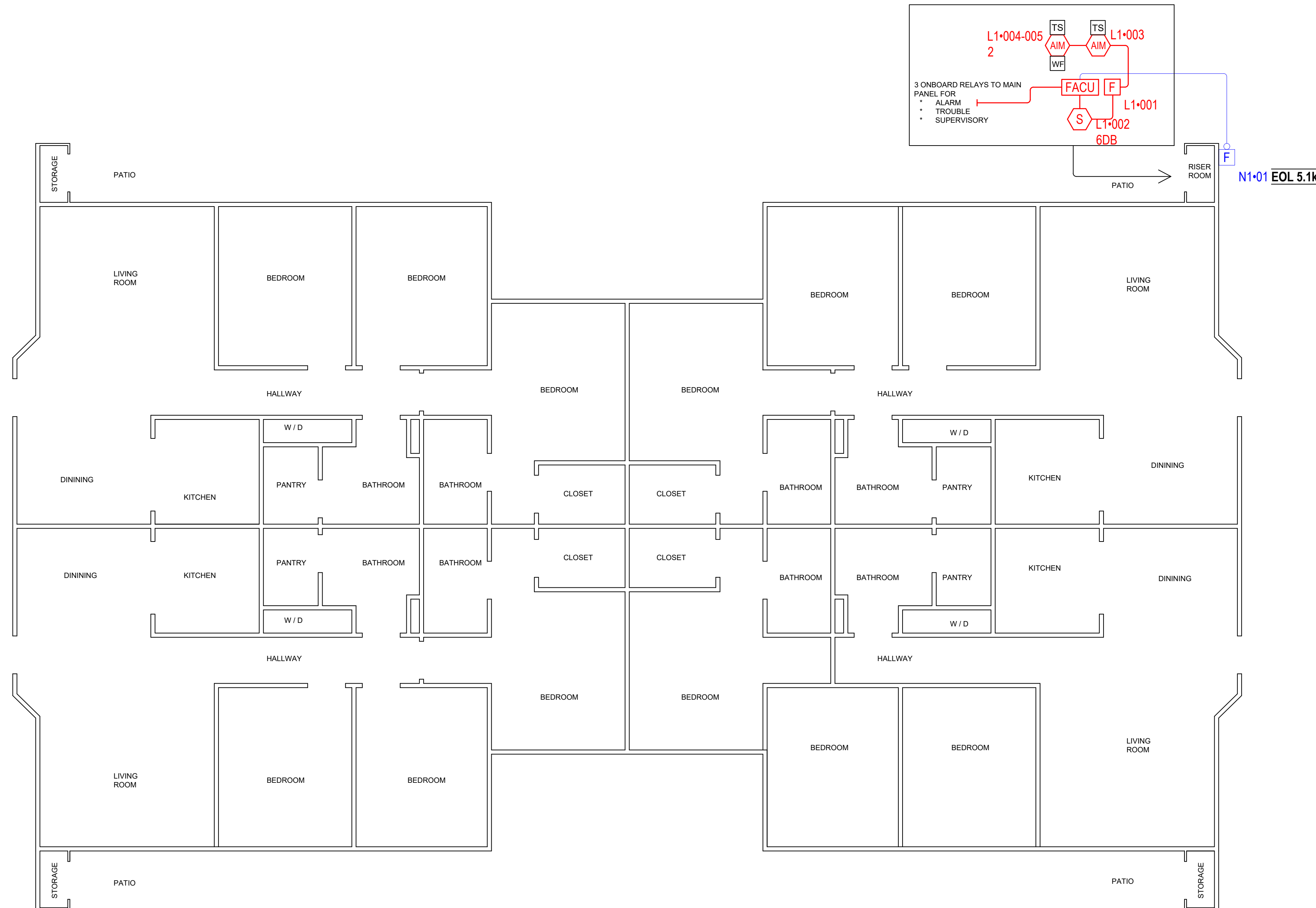
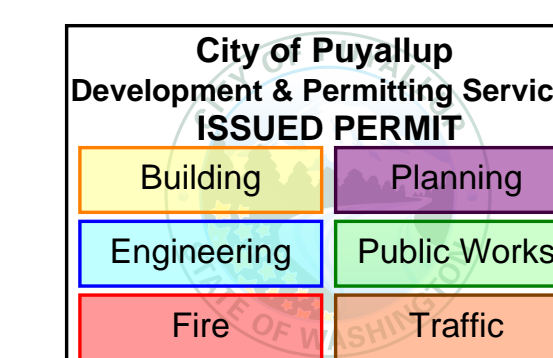


PANEL (AFC-50) BATTERY CALCULATION (SECONDARY POWER SOURCE REQUIREMENTS)											
PANEL COMPONENTS					STANDBY CURRENT				SECONDARY ALARM CURRENT		
					QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
					1	AFC-50	FIRE ALARM CONTROL PANEL	0	0	0	0
					1	AFC-50 MAIN BOARD	FIRE ALARM CONTROL PANEL MAIN BOARD	0.13	0.13	0.22	0.22
CIRCUIT	MAX CARD AMPS	USED CARD AMPS	SPARE CARD AMPS	SYMBOL	QTY	PART NO.	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
L1	N/A	0.020980		2	1	PAD100-DIM	DUAL INPUT MODULE	0.00024	0.00024	0.00024	0.00024
				F	1	PAD100-PSSA	ADDRESSABLE PULL STATION SINGLE ACTION	0.0002	0.0002	0.0002	0.0002
				AM	1	PAD100-SIM	SINGLE INPUT MODULE	0.00024	0.00024	0.00024	0.00024
				S 6DB	1	PAD300-PD WPAD300-6DB	PHOTOELECTRIC SMOKE DETECTOR WITH 6" STANDARD BASE	0.0003	0.0003	0.0003	0.0003
N1				F	1	PDC-10-24	10" BELL	0	0	0.02	0.02
								TOTAL STANDBY (A)	0.13098	TOTAL ALARM (A)	0.24098
								REQUIRED STANDBY TIME (HOURS)			24
								REQUIRED ALARM TIME (MINUTES)			5
SECONDARY STANDBY LOAD (A)							0.13098	24		3.14	
SECONDARY ALARM LOAD (A)							0.24098	0.083		0.020	
STANDBY AND ALARM SUBTOTAL (AMP HOURS)										3.16	
DERATING FACTOR										1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)										3.95	
PROVIDE (2) 12V 8AH BATTERIES											
*BATTERY BOX SIZE CAPACITY NOT SPECIFIED. REFER TO MANUFACTURER DOCUMENTATION.											



FLOOR PLAN
3/16" = 1'-0"



STATE CERTIFICATION

NO	DATE	BY	DESCRIPTION

NO	DATE	BY	DESCRIPTION

SYSTEM DESIGN CODES

- INTERNATIONAL BUILDING CODE (IBC 2021 EDITION)
- INTERNATIONAL FIRE CODE (IFC 2021 EDITION)
- NATIONAL ELECTRICAL CODE (NFPA 70 2020 EDITION)
- ADA INTERNATIONAL CODE ANSII 117.1
- NATIONAL FIRE ALARM AND SIGNALING CODE (NFPA 72 2019 EDITION)

INSTALLATION COMPANY

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

MONITORING COMPANY

SECURITAS
4500 3RD AVE SE
LACEY, WA 98503

CONTRACT WITH:

PROJECT NAME:
MERIDIAN POINTE APARTMENTS
Building H
407 Valley Ave NE,
Puyallup, WA 98372

PATRIOT FIRE PROTECTION, INC.
2707 70th Ave E, Tacoma, WA 98424
TEL: (253) 532-0967 FAX: (253) 922-6150

DESIGNER	ERICK E.	SHEET	2 OF 3	FA101
DATE	01/13/2026			
JOB NO.	19-1048			

