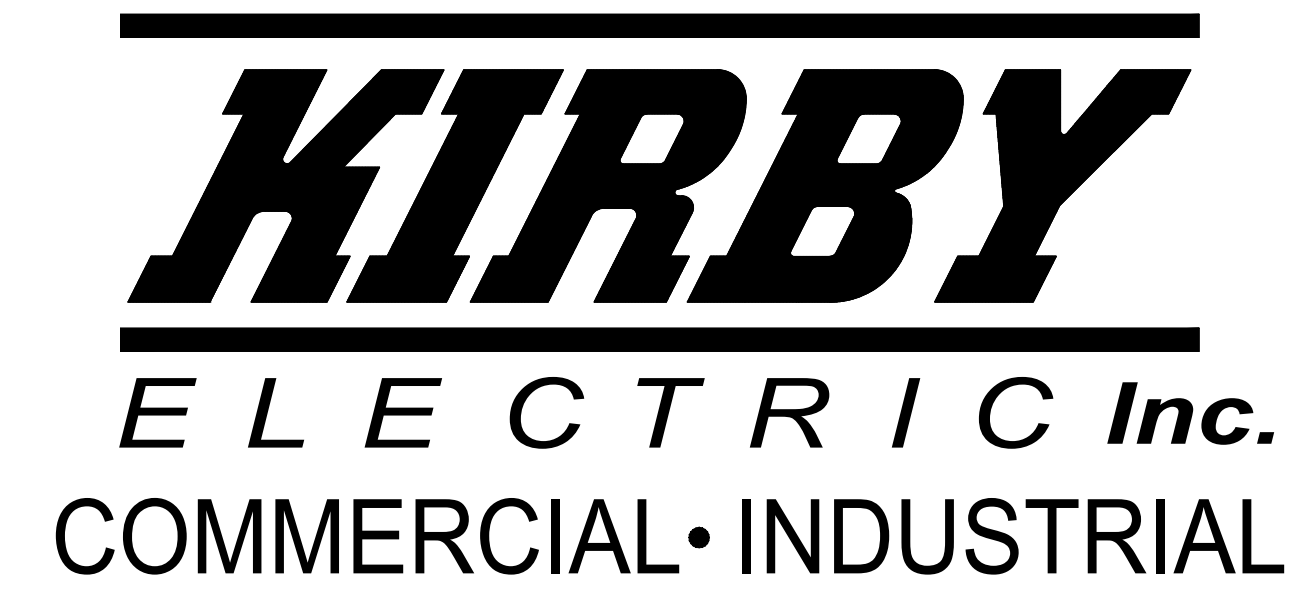


Bradley Heights Apartments

Building B

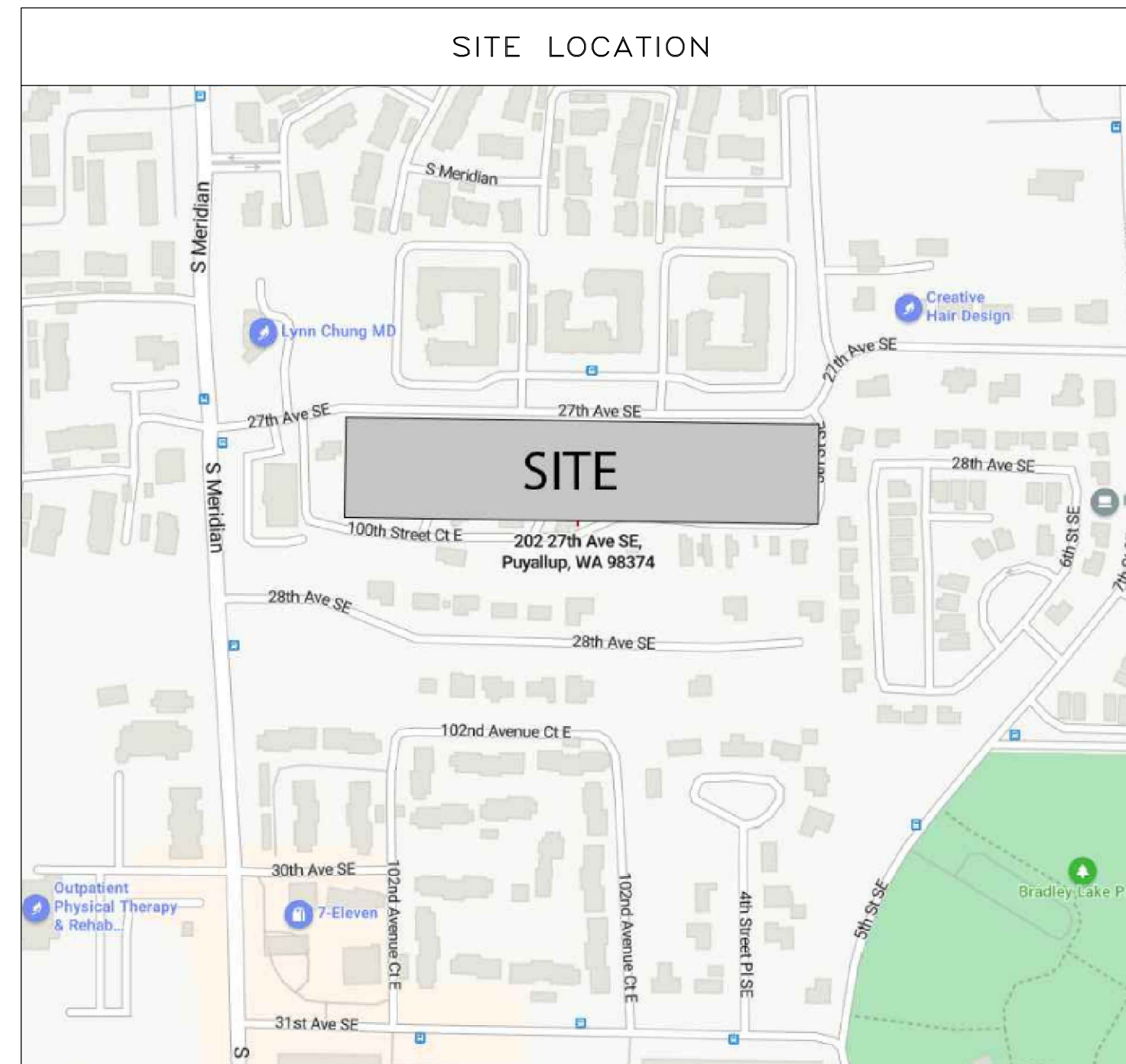
FIRE ALARM AND DETECTION SYSTEM



FIRE ALARM SHEET INDEX	
PAGE	Sheet Title
EFO.00	COVER SHEET
EFO.01	FIRE ALARM DETAILS
EFO.02	PANEL DETAILS
EFO.03	DEVICE DETAILS
EF1.01	ONE-LINE RISER DIAGRAM
EF2.01	FIRE ALARM PANEL CALCULATIONS
EF3.01	LEVEL 1 & 2 FIRE ALARM PLAN
EF3.02	ROOF FIRE ALARM PLAN

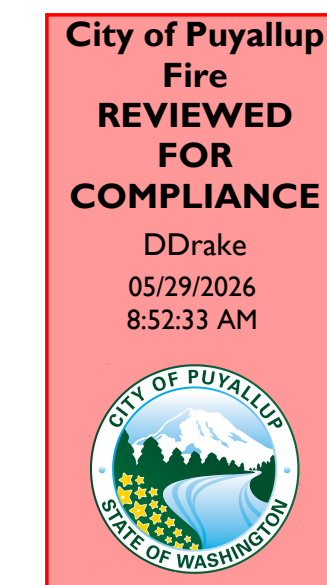
PROJECT SCOPE

- | | |
|--|---|
| <ol style="list-style-type: none"> 1. PROVIDE AND INSTALL NEW SILENT KNIGHT 680B FIRE ALARM CONTROL PANEL AND NEW HONEYWELL HPF-PS10 REMOTE POWER SUPPLY FOR OCCUPANT NOTIFICATION. 2. PROVIDE AND INSTALL 29 LOW FREQUENCY SOUNDER NOTIFICATION APPLIANCES. 3. PROVIDE AND INSTALL 5 LOW FREQUENCY SOUNDER STROBE NOTIFICATION APPLIANCES. 4. PROVIDE AND INSTALL 3 STROBE ONLY NOTIFICATION APPLIANCES. 5. PROVIDE AND INSTALL 7 HORN/STROBE NOTIFICATION APPLIANCES & 1 WATERFLOW BELL. 6. PROVIDE AND INSTALL 13 MANUAL PULL STATIONS. | <ol style="list-style-type: none"> 7. PROVIDE AND INSTALL 1 SMOKE DETECTORS FOR FACP. 8. PROVIDE AND INSTALL 2 DUAL-INPUT MODULES. 9. PROVIDE AND INSTALL 16 HEAT DETECTORS. 10. PROVIDE AND INSTALL A HONEYWELL HW-AV-LTE-M CELLULAR COMMUNICATOR. |
|--|---|



APPLICABLE CODES & STANDARDS
2022 NATIONAL FIRE ALARM & SIGNALING CODE NFPA72 2023 NATIONAL ELECTRICAL CODE (NEC) NFPA70 2021 INTERNATIONAL FIRE CODE (IFC) WITH WASHINGTON STATE AMENDMENTS 2021 INTERNATIONAL BUILDING CODE (IBC) WITH WASHINGTON STATE AMENDMENTS
OCCUPANCY & BUILDING
OCCUPANCY : R-2 USE : RESIDENTIAL BUILDING AREA : 35,084 S.F.

PROJECT CONTACTS		
PROJECT MANAGER	DENNIS RISHKOVOY	dennis@kirbyelectric.com
FOREMAN	---	---
DESIGNER	DANIEL KOPYTIN	danielko@kirbyelectric.com
DIRECTOR OF OPERATIONS	KYLE MCBARRON	kylem@kirbyelectric.com
TECHNICIAN SCHEDULING	ANDRACO DICKSON	andraco@kirbyelectric.com



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.



BRADLEY HEIGHTS
BLDG B
27TH AVE SE AND 5TH ST SE PUYALLUP, WA 98374

REVISIONS:
 (2026-04-14)
 INITIAL SET

SHEET NUMBER: EFO.00
 SHEET TITLE: COVER SHEET
 PLOT DATE: 04-14-26
 DESIGNED BY: D.S.K.
 JOB NUMBER: 25-058

DEVICE LEGEND				
SYMBOL	QUANTITY	MANUFACTURER	PART NO	DESCRIPTION
	1	SILENT KNIGHT	6808	INTELLIGENT FIRE ALARM CONTROL PANEL WITH COMMUNICATOR
	1	HONEYWELL	HPF-PS10	10.0 A, 120 VAC REMOTE CHARGER POWER SUPPLY IN A LOCKABLE, METAL ENCLOSURE
	1	HONEYWELL	HW-AV-LTE-M	DUAL-PATH COMMUNICATOR WITH ENCLOSURE, INCLUDES ANTENNA.
	2	SILENT KNIGHT	SK-MONITOR-2	DUAL MONITORING MODULE
	13	SILENT KNIGHT	SK-PULL-DA	DUAL ACTION PULL STATION
	1	SYSTEM SENSOR	SS-PHOTO WB300-6	WHITE, ADDRESSABLE PHOTOELECTRIC DETECTOR, STANDARD BASE
	16	SYSTEM SENSOR	SS-HEAT WB300-6	INTELLIGENT FIXED TEMPERATURE THERMAL DETECTOR, STANDARD BASE
	3	SYSTEM SENSOR	SWLED	STROBE, WALL, WHITE
	7	SYSTEM SENSOR	P2GRKLED	2-WIRE, COMPACT HORN STROBE, WALL, RED, OUTDOOR
	5	SYSTEM SENSOR	P2WH-LF	2-WIRE LOW FREQUENCY SOUNDER STROBE, HIGH CD, WHITE
	29	SYSTEM SENSOR	HW-LF	LOW FREQUENCY SOUNDER, WHITE
	1	SYSTEM SENSOR	SSM24-10	ALARM BELL 10" 24VDC, RED
	23	GENERIC	JUNCTION BOX	
	1	SPACE AGE ELECTRONICS	E120V-GT	HYBRID SURGE PROTECTION DEVICE
	1	SPACE AGE ELECTRONICS	SSU00685	FIRE ALARM DOCUMENT CABINET W/RGB USB DRIVE (ACE-11), RED WITH CUSTOM LOGO
N/A	2	POWER-SONIC	PS-12180F2	12V 18AH BATTERY FOR FACP
N/A	2	POWER-SONIC	PS-1280F2	12 8AH BATTERY FOR POWER SUPPLY
ADDITIONAL ASSEMBLY COMPONENTS AND HARDWARE				
	1	HONEYWELL	HPF-PS10 MAIN BOARD	FIRE ALARM POWER SUPPLY MAIN BOARD
	1	SILENT KNIGHT	6808 MAIN BOARD	MAIN BOARD

GENERAL NOTES

- FIRE ALARM SYSTEM IS POWER LIMITED.
- ALL RACEWAYS MUST BE FREE OF MOISTURE.
- REFER TO DATA SHEETS FOR PROPER TYPE AND SIZES OF REQUIRED DEVICE MOUNTING ELECTRICAL BOXES.
- AC VOLTAGE IS NOT PERMITTED IN THE SAME RACEWAY AS FIRE ALARM WIRING.
- UNRELATED (NON-FIRE ALARM) WIRE SHALL NOT BE IN THE SAME RACEWAY AS FIRE ALARM WIRE.
- ALL CONTRACTOR FIELD WIRING MUST ENTER ALARM CONTROL PANEL BACKBOX FOLLOWING POWER-LIMITING AND NON-POWER-LIMITING WIRING REQUIREMENTS. REFER TO INSTALLATION INSTRUCTIONS FOR MORE INFORMATION.
- ZONE CIRCUITS AND SIGNAL CIRCUITS ARE ELECTRICALLY SUPERVISED. BRANCH CIRCUITS SHALL BE LOOPED TO MAINTAIN INTEGRITY OF SUPERVISED CIRCUITS. T-TAPPING OF ZONE AND SIGNAL CIRCUITS IS NOT PERMITTED.
- REFER TO FACP MODULE DIAGRAMS, INCLUDED WITH FACP, FOR SPECIFICATIONS AND INFORMATION ON INDIVIDUAL PANEL MODULES.
- ALL FIRE ALARM WIRING SHALL TEST FREE OF OPENS, SHORTS, AND GROUNDS.
- ALL WIRING SHALL BE LABELED AND TAGGED.
- ALL WIRING SHALL MEET ALL APPLICABLE NATIONAL ELECTRICAL CODE ARTICLES FOR FIRE ALARM AND LOW-VOLTAGE WIRING.
- DO NOT USE FIRE ALARM CABINET AS TERMINAL CABINET.

FIRE ALARM SYSTEM DESIGNED BY: KIRBY ELECTRIC INC. AUBURN, WA 253-859-2000

FIRE ALARM SYSTEM INSTALLED BY: KIRBY ELECTRIC INC. AUBURN, WA

EQUIP. FOR FIRE ALARM SYSTEM SUPPLIED BY: SILENT KNIGHT INC. NORTHFORD, CT

WA STATE ELECTRICAL CONTRACTORS NUMBER: KIRBYEI809MZ

* THESE DRAWINGS DO NOT SUPERSEDE THE CONTRACT DRAWINGS AND SPECIFICATIONS. THEY ARE INTENDED AS A SUPPLEMENT ONLY AND MUST BE USED IN CONJUNCTION WITH THE CONTRACT DOCUMENTS. THEY DO NOT MODIFY THE CONTRACTORS OBLIGATIONS TO CONFORM TO THE PROJECTS ORIGINAL DESIGN CRITERIA.

DEVICE HEIGHT SCHEDULE

DEVICE	HEIGHT
OUTDOOR HORN/STROBE	96"
HORN/STROBE	80"
PULL STATION	48"
FIRE ALARM CONTROL PANEL	60"
POWER SUPPLY	60"
BELL	96"
ANNUNCIATOR	60"

SYSTEM INPUTS

	A	B	C	D	E	F	G	H	I	J	K	L		
1 FIRE ALARM SYSTEM AC POWER FAILURE					●	●							●	1
2 FIRE ALARM SYSTEM LOW BATTERY					●	●							●	2
3 OPEN CIRCUIT					●	●							●	3
4 GROUND FAULT					●	●							●	4
5 NOTIFICATION APPLIANCE CIRCUIT SHORT					●	●							●	5
6 BUILDING MANUAL PULL STATIONS	●	●					●	●	●	●				6
7 AREA HEAT DETECTORS	●	●					●	●	●	●				7
8 AREA SMOKE DETECTORS	●	●					●	●	●	●				8
9 HOOD OR ROOM FIRE SUPPRESSION SYSTEM ALARM	●	●					●	●	●	●				9
10 SPRINKLER TAMPER SWITCH			●	●			●					●		10
11 SPRINKLER WATER FLOW IN BUILDING	●	●					●	●	●	●				11

*NOT ALL FUNCTIONS ARE USED ON ALL SYSTEMS.

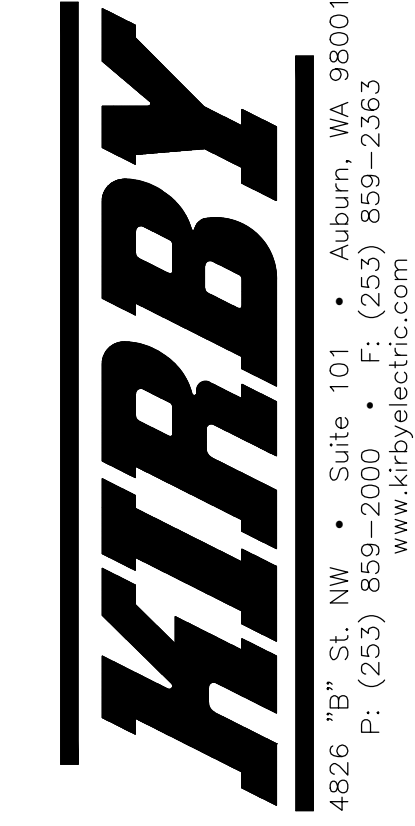
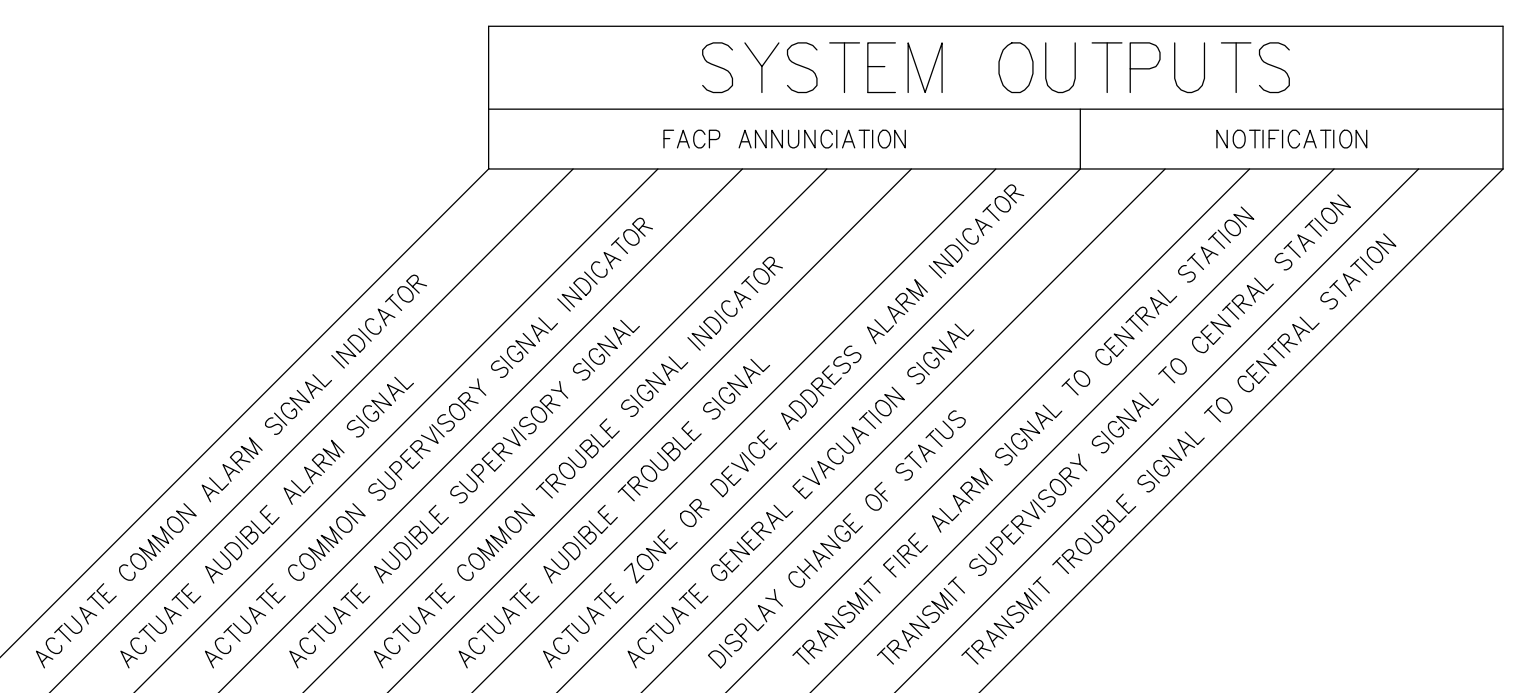
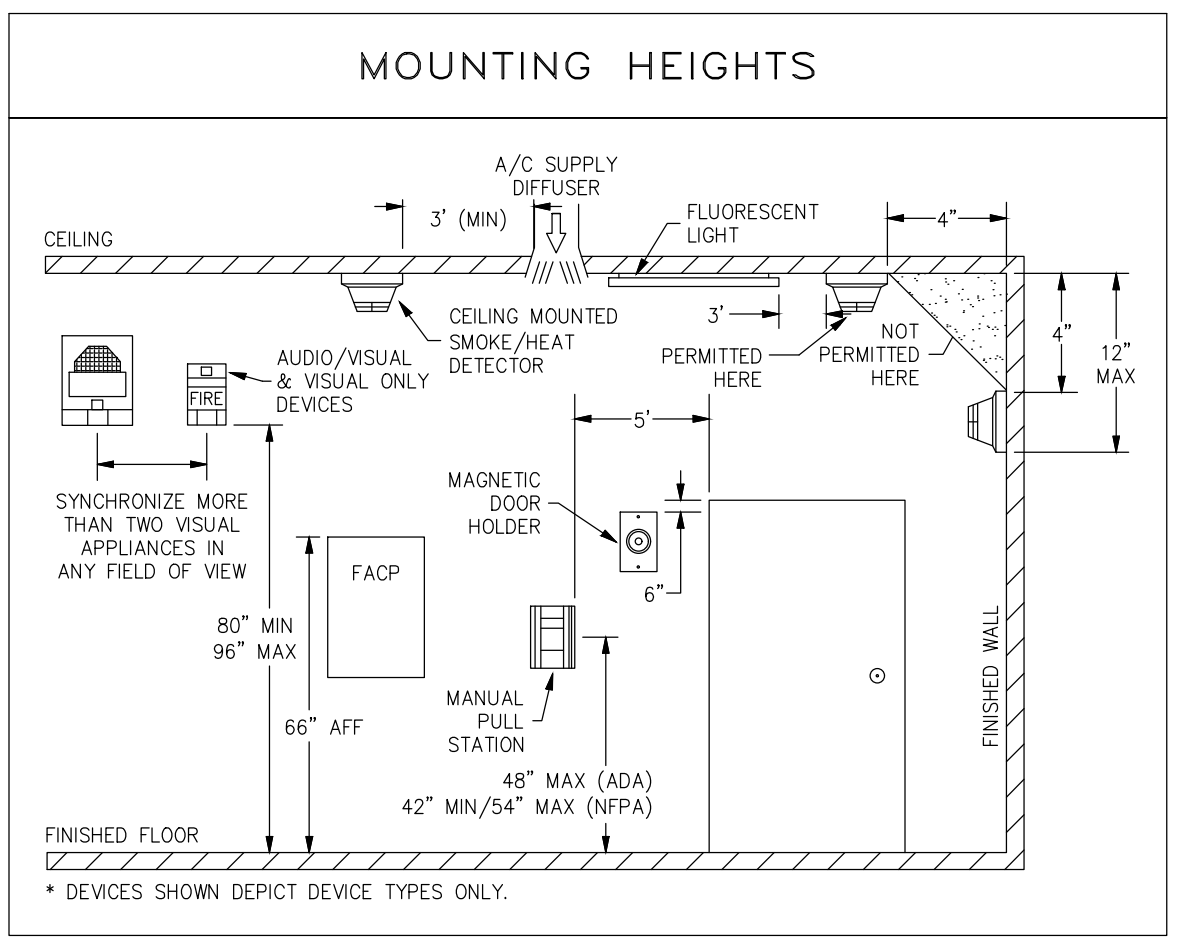
FIRE ALARM SYSTEM MATRIX
SCALE: N.T.S.

CODE INFORMATION

BUILDING CODE
2021 INTERNATIONAL BUILDING CODE (B) WITH WASHINGTON STATE AMENDMENTS
2020 WASHINGTON STATE ENERGY CODE

NATIONAL FIRE PROTECTION ASSOCIATION
2022 NATIONAL FIRE ALARM CODE (NFPA 72)
2023 NATIONAL ELECTRICAL CODE (NFPA 70)
2021 INTERNATIONAL FIRE CODE (IFC) WITH WASHINGTON STATE AMENDMENTS

OCCUPANCY CLASSIFICATIONS
- R-2



BRADLEY HEIGHTS
BLDG B

27TH AVE SE AND 5TH ST SE PUYALLUP, WA 98374

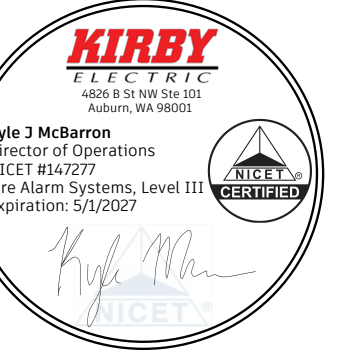
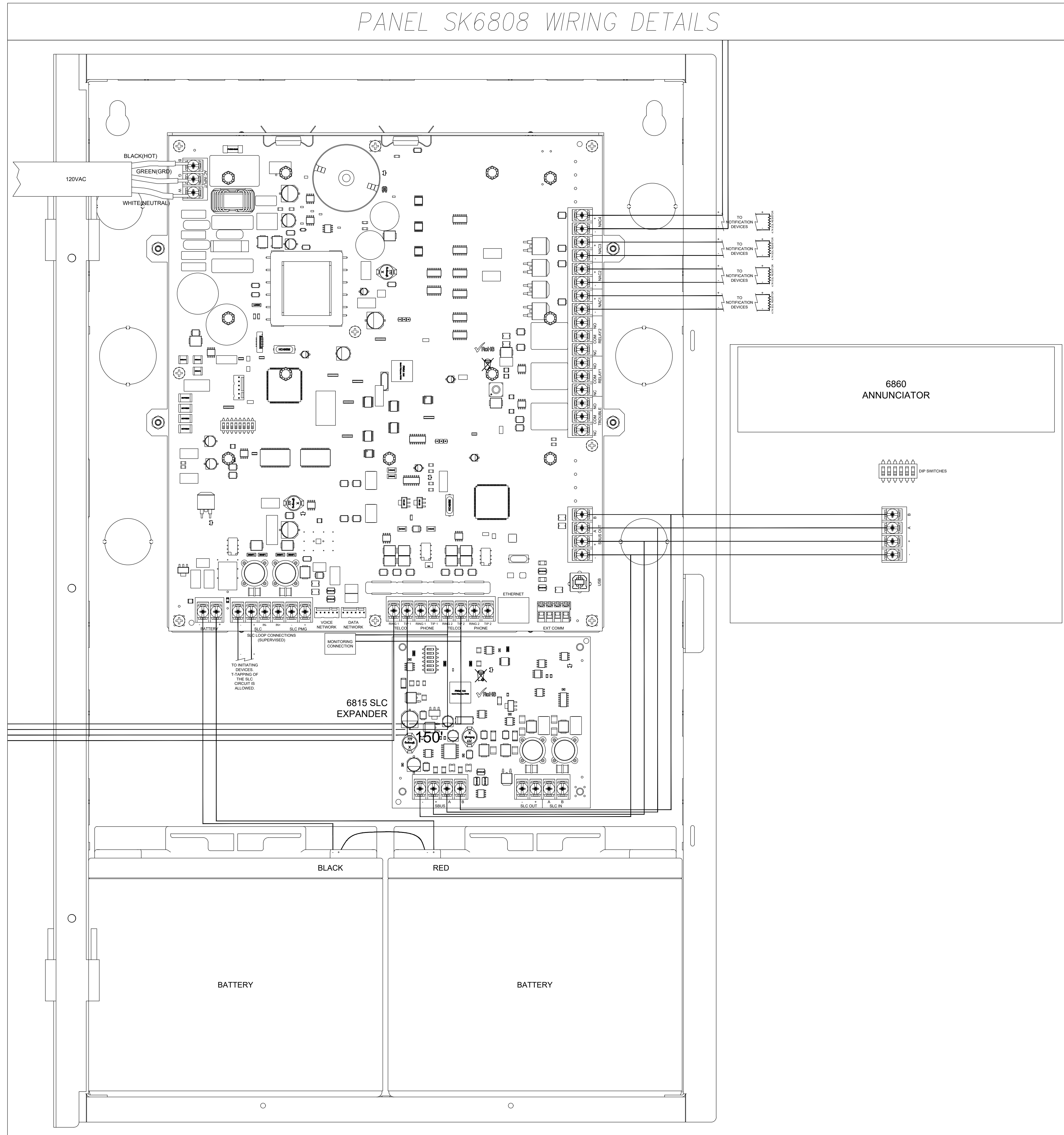
REVISIONS:
 (2026-04-14)
 INITIAL SET

SHEET NUMBER: EFO.01

SHEET TITLE:
**FIRE ALARM
 DETAILS**

PLOT DATE: 04-14-26
 DESIGNED BY: D.S.K.
 JOB NUMBER: 25-058

PANEL SK6808 WIRING DETAILS



BRADLEY HEIGHTS
 BLDG B

27TH AVE SE AND 5TH ST SE PUYALLUP, WA 98374

REVISIONS:

(2026-04-14)
 INITIAL SET

SHEET NUMBER: EF0.02

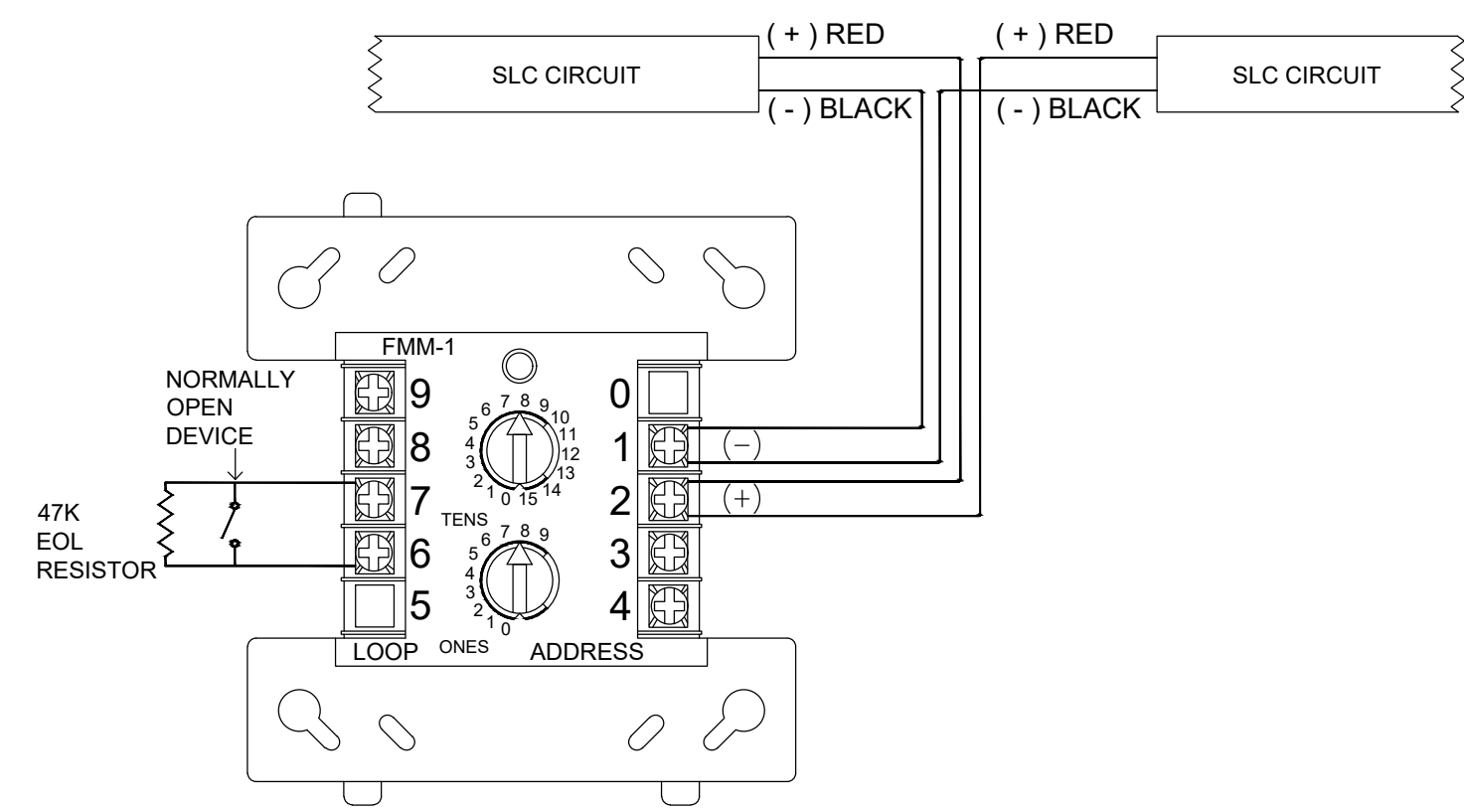
SHEET TITLE:
 PANEL DETAILS

PLOT DATE: 04-14-26

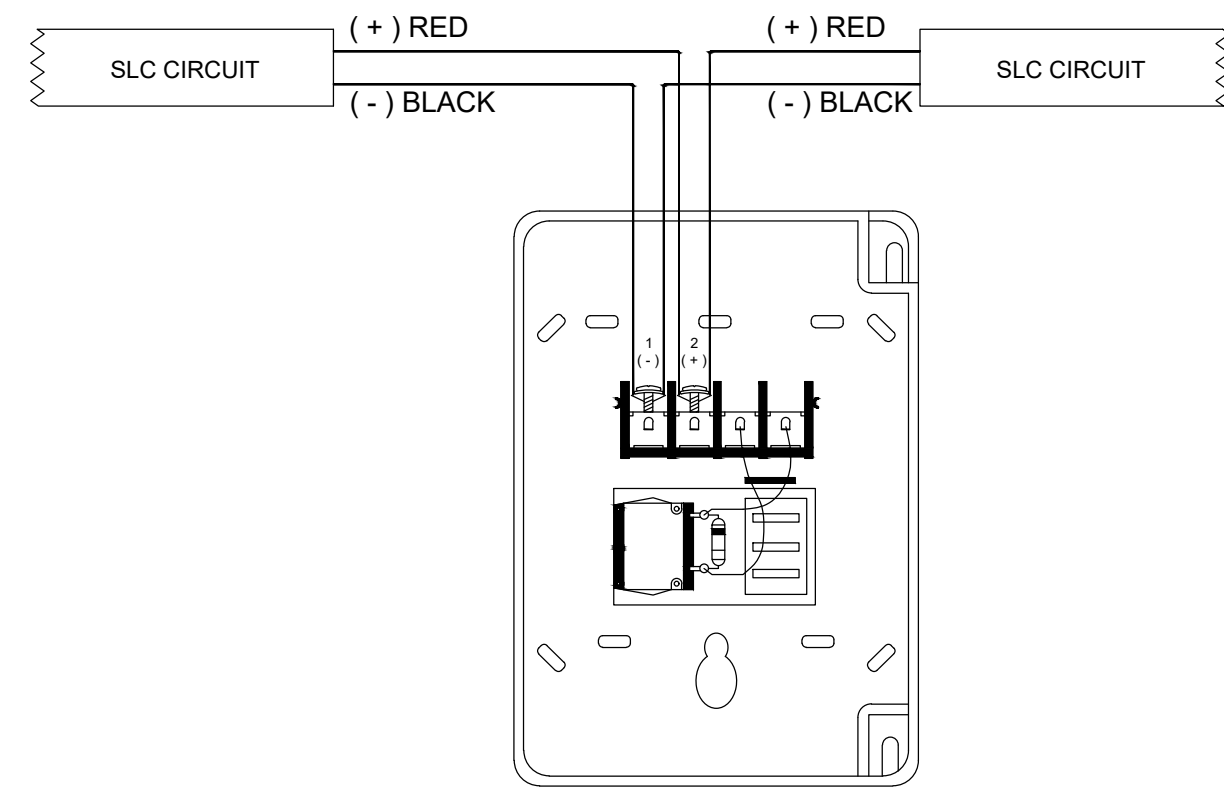
DESIGNED BY: D.S.K.

JOB NUMBER: 25-058

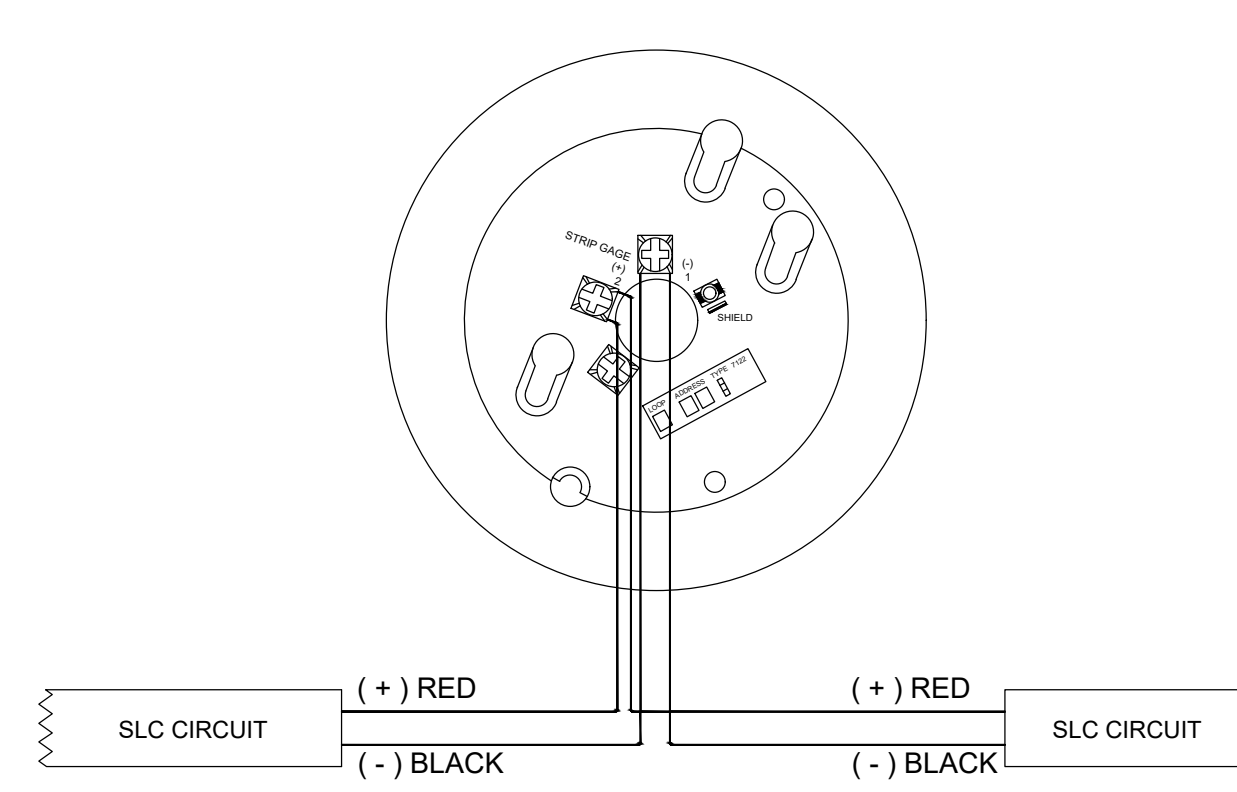
INPUT MODULE



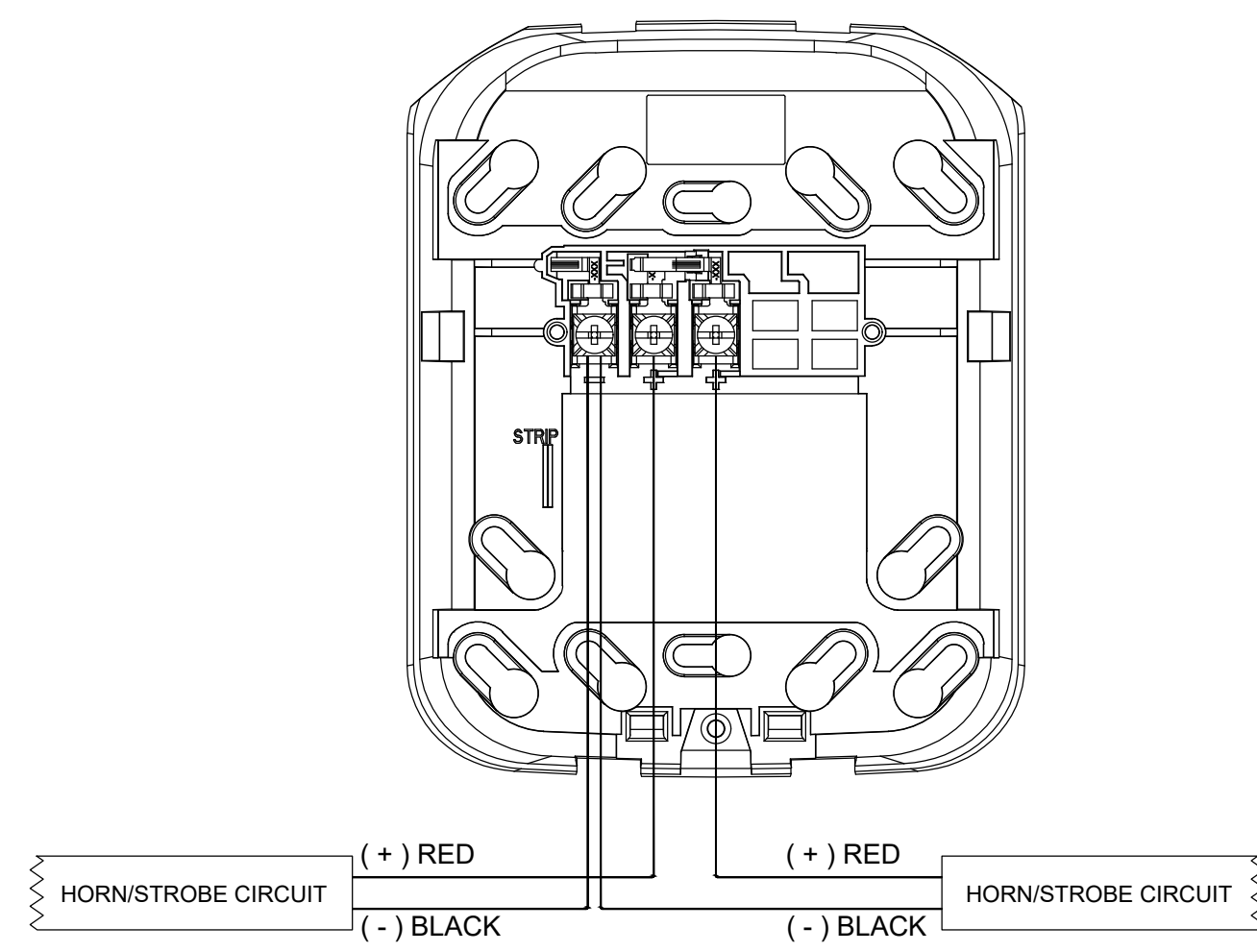
PULL STATION



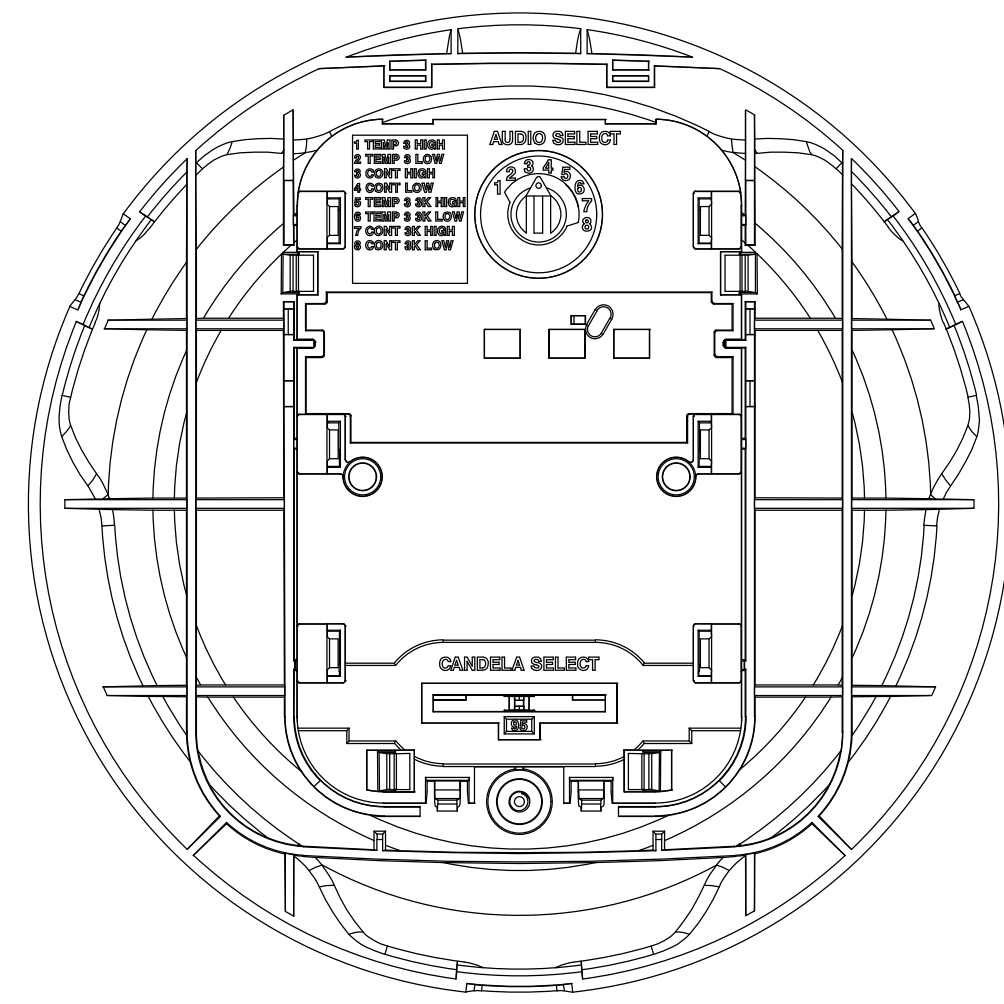
SMOKE DETECTOR



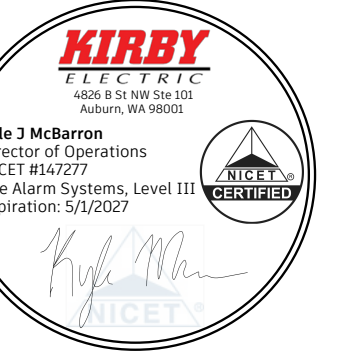
HORN/STROBE



BACKPLATE



DEVICE



BRADLEY HEIGHTS
BLDG B
 27TH AVE SE AND 5TH ST SE PUYALLUP, WA 98374

REVISIONS:
 (2026-04-14)
 INITIAL SET

SHEET NUMBER: EF1.01

SHEET TITLE:
ONE-LINE RISER DIAGRAM

PLOT DATE: 04-14-26

DESIGNED BY: D.S.K.

JOB NUMBER: 25-058

SLC POINTS LIST
INITIATING DEVICES

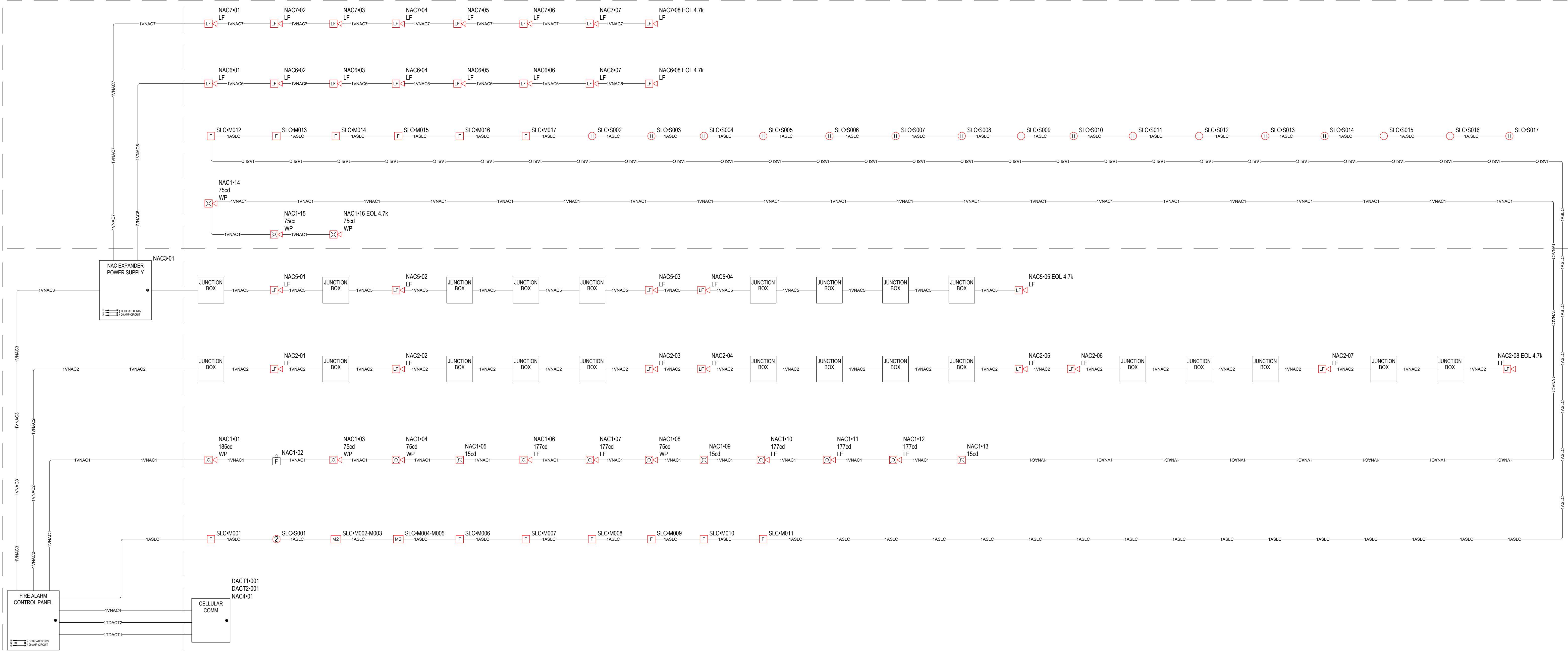
POINT #	DEVICE TYPE	DESCRIPTION
97-S001	SMOKE DETECTOR	SPRINKLER RISER ROOM - FACP & PS1
97-S002	HEAT DETECTOR	ATTIC - NORTHEAST
97-S003	HEAT DETECTOR	ATTIC - SOUTHEAST
97-S004	HEAT DETECTOR	ATTIC - SOUTHEAST
97-S005	HEAT DETECTOR	ATTIC - SOUTHEAST
97-S006	HEAT DETECTOR	ATTIC - SOUTHEAST
97-S007	HEAT DETECTOR	ATTIC - SOUTH
97-S008	HEAT DETECTOR	ATTIC - SOUTHWEST
97-S009	HEAT DETECTOR	ATTIC - SOUTHWEST
97-S010	HEAT DETECTOR	ATTIC - SOUTHWEST
97-S011	HEAT DETECTOR	ATTIC - NORTHWEST
97-S012	HEAT DETECTOR	ATTIC - NORTHWEST
97-S013	HEAT DETECTOR	ATTIC - NORTHWEST
97-S014	HEAT DETECTOR	ATTIC - NORTH
97-S015	HEAT DETECTOR	ATTIC - NORTHEAST
97-S016	HEAT DETECTOR	ATTIC - NORTHEAST
97-S017	HEAT DETECTOR	ATTIC - NORTHEAST

MODULES

POINT #	DEVICE TYPE	DESCRIPTION
97-M001	MANUAL PULL STATION	SPRINKLER RISER ROOM
97-M002	DUAL INPUT MODULE	SPRINKLER RISER ROOM - RISER PROVISION SPARE
97-M003	DUAL INPUT MODULE	SPRINKLER RISER ROOM - RISER PROVISION SPARE
97-M004	DUAL INPUT MODULE	SPRINKLER RISER ROOM - RISER PROVISION SPARE
97-M005	DUAL INPUT MODULE	SPRINKLER RISER ROOM - RISER PROVISION SPARE
97-M006	MANUAL PULL STATION	LEVEL 1 - STAIR 1 - NORTHEAST
97-M007	MANUAL PULL STATION	LEVEL 1 - STAIR 1 - SOUTHEAST
97-M008	MANUAL PULL STATION	LEVEL 1 - STAIR 1 - SOUTH
97-M009	MANUAL PULL STATION	LEVEL 1 - STAIR 1 - NORTH
97-M010	MANUAL PULL STATION	LEVEL 1 - STAIR 1 - SOUTHWEST
97-M011	MANUAL PULL STATION	LEVEL 1 - STAIR 1 - SOUTHWEST
97-M012	MANUAL PULL STATION	LEVEL 2 - STAIR 1 - SOUTHWEST
97-M013	MANUAL PULL STATION	LEVEL 2 - STAIR 1 - NORTHWEST
97-M014	MANUAL PULL STATION	LEVEL 2 - STAIR 1 - NORTH
97-M015	MANUAL PULL STATION	LEVEL 2 - STAIR 1 - SOUTH
97-M016	MANUAL PULL STATION	LEVEL 2 - STAIR 1 - SOUTHEAST
97-M017	MANUAL PULL STATION	LEVEL 2 - STAIR 1 - SOUTHWEST

CABLE AND WIRE LEGEND

LABEL	PART NO	MANUFACTURER	APPLICATION	RESISTANCE MFT	AWG	DESCRIPTION	TOTAL LENGTH
A.SLC	16/2 FPLP/R	GENERIC	SLC	4.89	16	2 COND. SOLID COPPER FPLP/R ADDRESSABLE	993'
D.NAC1	12/2 FPLP/R	GENERIC	NAC	1.93	12	2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED	653'
D.NAC2	12/2 FPLP/R	GENERIC	NAC	1.93	12	2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED	387'
D.NAC3	12/2 FPLP/R	GENERIC	NAC	1.93	12	2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED	3'
D.NAC4	12/2 FPLP/R	GENERIC	NAC	1.93	12	2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED	1'
D.NAC5	12/2 FPLP/R	GENERIC	NAC	1.93	12	2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED	223'
D.NAC6	12/2 FPLP/R	GENERIC	NAC	1.93	12	2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED	284'
D.NAC7	12/2 FPLP/R	GENERIC	NAC	1.93	12	2 COND. SOLID COPPER FPLP/R ANALOG UNSHIELDED	322'
T.DACT1	RJ-11	GENERIC	RJ-11	16.14	22	4 COND. UNSHIELDED COMMUNICATIONS CABLE	1'
T.DACT2	RJ-11	GENERIC	RJ-11	16.14	22	4 COND. UNSHIELDED COMMUNICATIONS CABLE	1'



1 ONE-LINE RISER DIAGRAM
 SCALE: N.T.S.



REVISIONS:
 (2026-04-14)
 INITIAL SET

SHEET NUMBER: EF2.01

SHEET TITLE: FIRE ALARM PANEL CALCULATIONS

PLOT DATE: 04-14-26

DESIGNED BY: D.S.K.

JOB NUMBER: 25-058

PANEL LOAD SUMMARY				STANDBY CURRENT (AMPS)		ALARM CURRENT (AMPS)	
PANEL COMPONENT SUMMARY	QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL
1	6808 Main Board		Main Board	1 x 0.19	= 0.19	1 x 0.25	= 0.25
CIRCUIT SUMMARY				CIRCUIT			
			DACT1	1 x 0	= 0	1 x 0	= 0
			DACT2	1 x 0	= 0	1 x 0	= 0
			NAC1	1 x 0	= 0	1 x 2.5345	= 2.5345
			NAC2	1 x 0	= 0	1 x 1.328	= 1.328
			NAC3	1 x 0.014	= 0.014	1 x 0.014	= 0.014
			NAC4	1 x 0.06	= 0.06	1 x 0.2	= 0.2
			SLC	1 x 0.00945	= 0.00945	1 x 0.08255	= 0.08255
			TOTAL STANDBY CURRENT		0.27345	TOTAL ALARM CURRENT	4.40905

**PANEL FACP (6808)
 SUMMARY REPORT**

CIRCUIT DETAILS AND CALCULATIONS									STANDBY CURRENT		ALARM CURRENT		POINT-TO-POINT VOLTAGE DROP CALCULATION SUMMARY		
SOURCE	CIRCUIT	AWG	SYMBOL	QTY	PART NO	DEVICE SETTING	CIRCUIT LENGTH	CIRCUIT RESISTANCE (Ω/ft)	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)	STARTING CALCULATION VOLTAGE	END OF LINE VOLTAGE	VOLTAGE DROP
6808 Main Board	NAC1	12	WP	6	P2GRKLED	75cd	65'	0.00193	6 x 0	= 0	6 x 0.087	= 0.522	20.4v	17.5v	2.9v
			WP	1	P2GRKLED	185cd			1 x 0	= 0	1 x 0.19	= 0.19			
			LF	5	P2WH-LF	177cd			5 x 0	= 0	5 x 0.343	= 1.715			
			F	1	SSM24-10				1 x 0	= 0	1 x 0.0535	= 0.0535			
			SWLED	3	SWLED	15cd			3 x 0	= 0	3 x 0.018	= 0.054			
	NAC2	12	LF	8	HW-LF		387'	0.00193	8 x 0	= 0	8 x 0.166	= 1.328	20.4v	19.39v	1.01v
	NAC3	12	PRK	1	HPF-PS10		3'	0.00193	1 x 0.014	= 0.014	1 x 0.014	= 0.014	20.4v	20.4v	0v
	NAC4	12	CELL	1	HW-AV-LTE-M		0'	0.00193	1 x 0.06	= 0.06	1 x 0.2	= 0.2	20.4v	20.4v	0v
	SLC	16	MZ	2	SK-MONITOR-2		99'	0.00489	2 x 0.00075	= 0.0015	2 x 0.00075	= 0.0015			
			F	13	SK-PULL-DA				13 x 0.00035	= 0.00455	13 x 0.00035	= 0.00455			
H			16	SS-HEAT w/B300-6		16 x 0.0002			= 0.0032	16 x 0.0045	= 0.072				
PHOTO			1	SS-PHOTO w/B300-6		1 x 0.0002			= 0.0002	1 x 0.0045	= 0.0045				

SECONDARY POWER SOURCE REQUIREMENTS

		REQUIRED STANDBY TIME = 24 HOURS	REQUIRED ALARM TIME = 5 MINUTES
SECONDARY STANDBY LOAD	0.27345	x 24	= 6.56 AH
SECONDARY ALARM LOAD	4.40905	x 0.08	= 0.37 AH
STANDBY AND ALARM LOAD SUBTOTAL			6.93 AH
DERATING FACTOR		x 1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)			8.66 AH

**PROVIDE (2) 12V
 12AH BATTERIES @
 24VDC**

PANEL LOAD SUMMARY				STANDBY CURRENT (AMPS)		ALARM CURRENT (AMPS)	
PANEL COMPONENT SUMMARY	QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL
1	HPF-PS10 MAIN BOARD		Fire Alarm Power Supply Main Board	1 x 0.156	= 0.156	1 x 0.185	= 0.185
CIRCUIT SUMMARY				CIRCUIT			
			NAC5	1 x 0	= 0	1 x 0.83	= 0.83
			NAC6	1 x 0	= 0	1 x 1.328	= 1.328
			NAC7	1 x 0	= 0	1 x 1.328	= 1.328
			TOTAL STANDBY CURRENT		0.156	TOTAL ALARM CURRENT	3.671

**PANEL PS1
 (HPF-PS10)
 SUMMARY REPORT
 PANEL POWER
 SUPPLY MAX
 CURRENT = 10A
 TOTAL USED
 CAPACITY = 3.671A
 (36.71 %)**

CIRCUIT DETAILS AND CALCULATIONS									STANDBY CURRENT		ALARM CURRENT		POINT-TO-POINT VOLTAGE DROP CALCULATION SUMMARY		
SOURCE	CIRCUIT	AWG	SYMBOL	QTY	PART NO	DEVICE SETTING	CIRCUIT LENGTH	CIRCUIT RESISTANCE (Ω/ft)	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)	STARTING CALCULATION VOLTAGE	END OF LINE VOLTAGE	VOLTAGE DROP
HPF-PS10 MAIN BOARD	NAC5	12	LF	5	HW-LF		223'	0.00193	5 x 0	= 0	5 x 0.166	= 0.83	20.4v	20.05v	0.35v
	NAC6	12	LF	8	HW-LF		284'	0.00193	8 x 0	= 0	8 x 0.166	= 1.328	20.4v	19.44v	0.96v
	NAC7	12	LF	8	HW-LF		322'	0.00193	8 x 0	= 0	8 x 0.166	= 1.328	20.4v	19.24v	1.16v

SECONDARY POWER SOURCE REQUIREMENTS

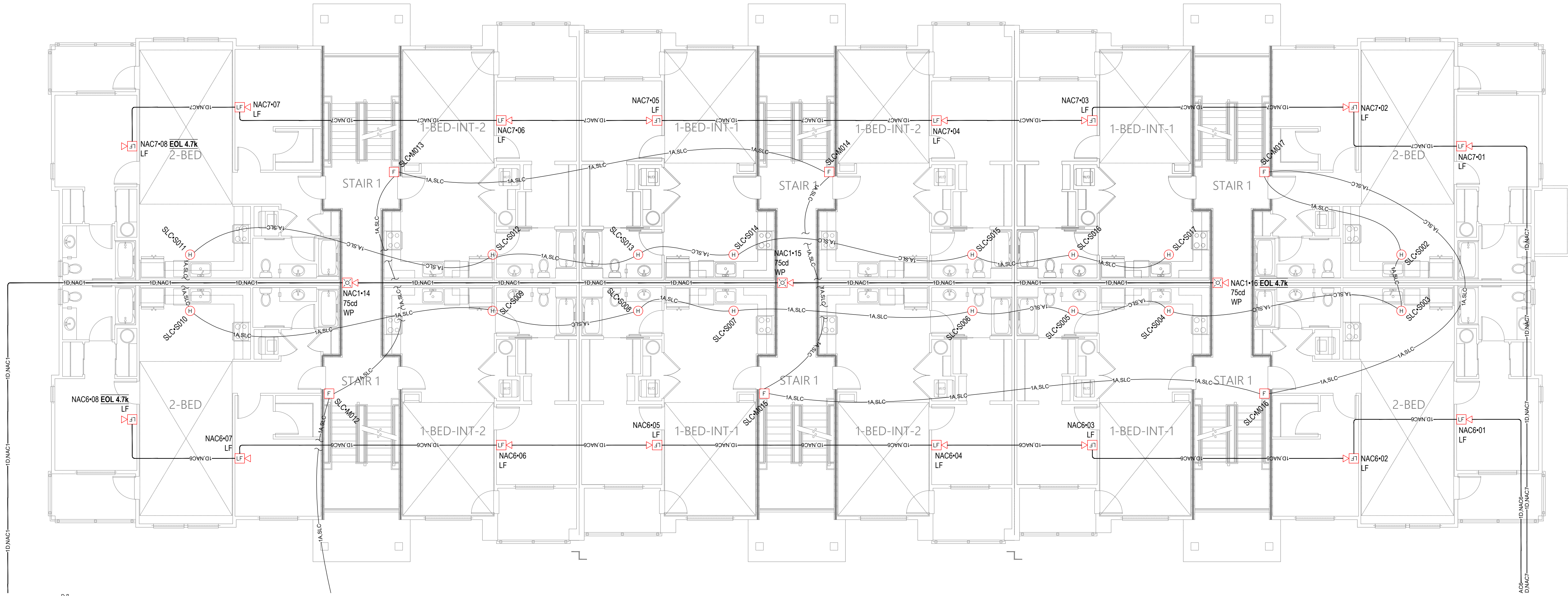
		REQUIRED STANDBY TIME = 24 HOURS	REQUIRED ALARM TIME = 5 MINUTES
SECONDARY STANDBY LOAD	0.156	x 24	= 3.74 AH
SECONDARY ALARM LOAD	3.671	x 0.08	= 0.31 AH
STANDBY AND ALARM LOAD SUBTOTAL			4.05 AH
DERATING FACTOR		x 1.25	
SECONDARY LOAD REQUIREMENTS (AMP HOURS)			5.06 AH

**PROVIDE (2) 12V 7AH
 BATTERIES @ 24VDC**

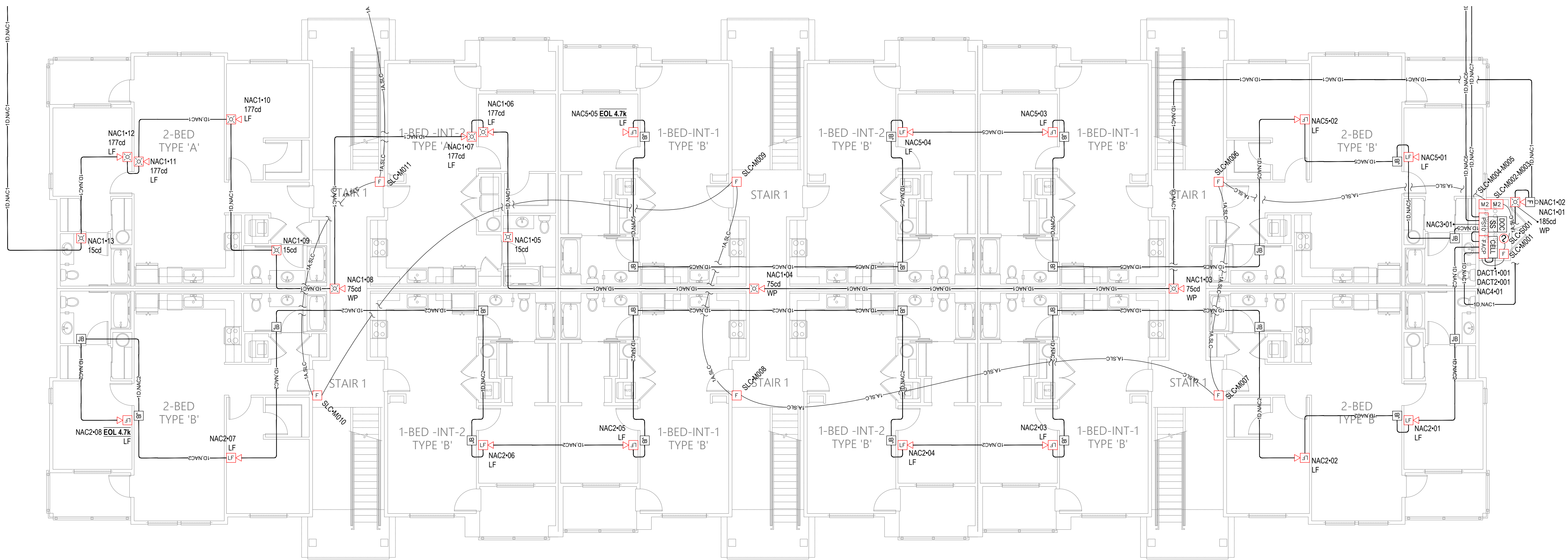


**BRADLEY HEIGHTS
BLDG B**

27TH AVE SE AND 5TH ST SE PUYALLUP, WA 98374



1 LEVEL 2 FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"



1 LEVEL 1 FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"

REVISIONS:
Δ (2026-04-14)
INITIAL SET

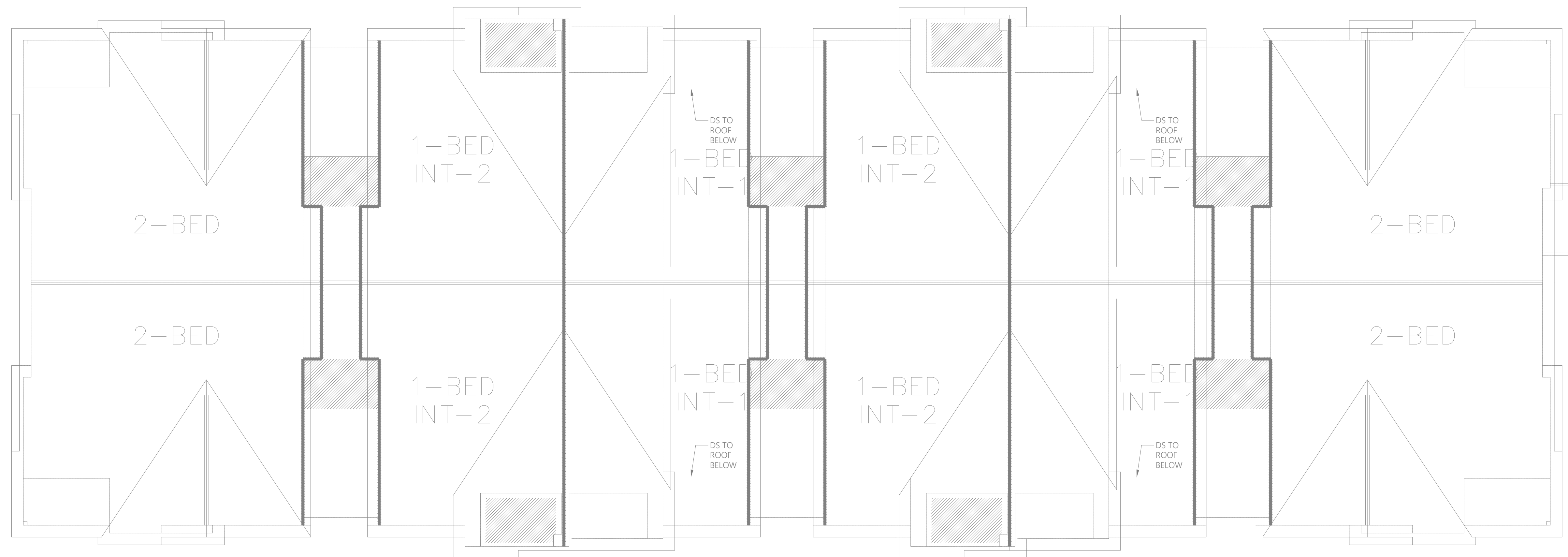
SHEET NUMBER: EF3.01

SHEET TITLE:
LEVEL 1 & 2
PLAN

PLOT DATE: 04-14-26

DESIGNED BY: D.S.K.

JOB NUMBER: 25-058




1
ROOF FIRE ALARM PLAN
 SCALE: 1/8" = 1'-0"



BRADLEY HEIGHTS
BLDG B
 27TH AVE SE AND 5TH ST SE PUYALLUP, WA 98374

REVISIONS:
 (2026-04-14)
 INITIAL SET

SHEET NUMBER: EF3.02

SHEET TITLE:
ROOF FIRE ALARM PLAN

PLOT DATE: 04-14-26

DESIGNED BY: D.S.K.

JOB NUMBER: 25-058