

SYMBOL LEGEND

QTY	SYMBOL	DESCRIPTION	MANUFACTURER	MODEL #	MOUNT DEVICE	MOUNT ACC.
1		FIRE ALARM CONTROL PANEL	POTTER	AFC-50	SURFACE RECESSED	N/A
1		BOOSTER POWER SUPPLY	POTTER	PSN-64	SURFACE RECESSED	N/A
1		ADDRESSABLE PHOTO DETECTOR	POTTER	PAD300-PD	3-0 NL ON 4 SQ DP	N/A-3.0 RING
10		ADDRESSABLE HEAT DETECTOR	POTTER	PAD300-HD	3-0 NL ON 4 SQ DP	N/A-3.0 RING
10		PULL STATION	POTTER	PAD100-PSSA	SG NL ON-4 SQ DP	N/A-SG RING
2		DUAL INPUT MONITOR MODULE	POTTER	PAD100-DIM	2G NL ON-4 SQ DP	N/A-2G RING
1		WALL MOUNT STROBE	SYSTEM SENSOR	SWL	SG NL ON-4 SQ DP	N/A-SG RING
1		CEILING MOUNT STROBE	SYSTEM SENSOR	PC2WL	SG NL ON-4 SQ DP	N/A-SG RING
8		CEILING MOUNT HORN STROBE	SYSTEM SENSOR	PC2WL	SG NL ON-4 SQ DP	N/A-SG RING
14		LOW FREQUENCY SOUNDER	SYSTEM SENSOR	HW-LF	SG NL ON-4 SQ DP	N/A-SG RING
6		MINI HORN	SYSTEM SENSOR	MHW	SG NL ON-4 SQ DP	N/A-SG RING
1		EXTERIOR BELL AND STROBE	SYSTEM SENSOR	SSM24-10	DG WP	MANUFACTURER SUPPLIED BOX
-		WATERFLOW SWITCH	N/A	N/A	BY OTHERS	BY OTHERS
-		VALVE TAMPER SWITCH	N/A	N/A	BY OTHERS	BY OTHERS
-		HI/LOW SWITCH	N/A	N/A	BY OTHERS	BY OTHERS
-		PRESSURE SWITCH	N/A	N/A	BY OTHERS	BY OTHERS

WIRE LEGEND

CONDUIT/RACEWAY/SINGLE CONDUCTOR						OPEN CABLE			
LETTER	FUNCTION	CONDUCTOR COLOR	AWG	QTY	TYPE	CONDUCTOR COLOR	AWG	QTY	TYPE
A	ADDRESSABLE INITIATING CIRCUIT	(-) BLACK	#16	1	THWN-SOLID	RED	#16/2	1	16/2- FPLP TYPE MC SMK CNTRL
		(+) RED	#16	1					
B	NOTIFICATION APPLIANCE CIRCUIT	(-) GREEN	#14	1	THWN-SOLID	RED	#14/2	1	14/2- FPLP
		(+) WHITE	#14	1					
C	FIRE FIGHTER PHONE VOICE CIRCUIT	(-) BLACK	#16	1	THWN-SOLID	RED	#16/2	1	CI-FPLP SHIELED PARIS
		(+) RED	#16	1					
D	FIRE FIGHTER PHONE SLC CIRCUIT	(-) BLACK	#16	1	THWN-SOLID	RED	#16/2	1	CI-FPLP SHIELED PARIS
		(+) RED	#16	1					
E	ANNUNCIATOR CIRCUIT W/ 24VDC PWR	(-) BLACK	#16	1	THWN-SOLID	RED	#14/4	1	CI-FPLP SHIELED PAIR
		(+) RED	#16	1					
		(-) GREEN	#16	1	THWN-SOLID				
		(+) WHITE	#16	1	THWN-SOLID				
F	2- WAY COMMUNICATION SYSTEM POWER					BLUE	#18/2	1	CI-CMR
G	2- WAY COMMUNICATION VOICE CIRCUIT				CI-TSP (2- PAIR) CMR	BLUE	#22/2	1	CI-TSP (2- PAIR) CMR
A	2- WAY COMMUNICATION POWER SUPERVISION CIRCUIT				16/2 FPLP	RED	#16/2	1	16/2 FPLP
H	TELCO SERVICE CONNECTION					BLUE	24/4 PAIR	1	CAT5E
I	VOICE EVACUATION SPEAKER CIRCUIT	(-) BLACK	#16	1	TSP-W/DRAIN FPLP	RED	#16/2	1	TSP-W/ DRAIN FPLP
		(+) RED	#16	1					
J	24VDC AUX POWER CIRCUIT	(-) BLACK	#14	1	THWN-SOLID	RED	#14/2	1	14/2- FPLP
		(+) RED	#16	1					

COPPERBERRY CONDOS NORTH

4002 10TH ST SE

PUYALLUP, WA 98374

SHEET INDEX

SHEET NUMBER	SHEET TYPE
FA000	COVER PAGE
FA001	BATTERY CALCS
FA002	RISER
FA003	AFC-50 CONNECTION DETAIL
FA004	DETAILS
FA005	PSN-64 CONNECTION DETAIL
FA100	MAIN FLOOR
FA101	UPPER FLOOR
FA102	ATTIC

SYSTEM OUTPUTS

SYSTEM INPUTS	CONTROL UNIT ANNUNCIATION					NOTIFICATION						
	ACTIVATE COMMON ALARM SIGNAL INDICATOR	ACTIVATE AUDIBLE ALARM SIGNAL	ACTIVATE COMMON SUPERVISORY SIGNAL INDICATOR	ACTIVATE AUDIBLE SUPERVISORY SIGNAL	ACTIVATE COMMON TROUBLE SIGNAL INDICATOR	ACTIVATE AUDIBLE COMMON TROUBLE SIGNAL	TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION	TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION	TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION	DISPLAY CHANGES OF STATUS	ACTIVATE GENERAL EVACUATION SIGNAL	ACTIVATE BUILDING NOTIFICATION
HEAT DETECTORS	X	X					X			X	X	X
SMOKE DETECTORS	X	X					X			X	X	X
MANUAL STATIONS	X	X					X			X	X	X
SPRINKLER WATER FLOW	X	X					X			X	X	X
SPRINKLER TAMPER VALVES			X	X				X		X		
FIRE ALARM AC POWER FAILURE					X	X			X	X		
FIRE ALARM SYSTEM LOW BATTERY					X	X			X	X		
OPEN CIRCUIT					X	X			X	X		
GROUND FAULT					X	X			X	X		
NAC SHORT					X	X			X	X		

GENERAL NOTES

HVAC CONTRACTOR SHALL PROVIDE, INSTALL AND PROVIDE POWER TO ANY REQUIRED DUCT DETECTORS. HVAC CONTRACTOR SHALL ALSO MAKE ALL CONNECTIONS AND TERMINATIONS TO HVAC SYSTEMS TO FACILITATE FAN SHUT DOWN FROM DUCT DETECTORS AND HVAC CONTRACTOR SHALL ALSO MAKE AVAILABLE A COMMON TERMINATION POINT FOR CONNECTION TO THE FIRE ALARM SYSTEM TO FACILITATE FAN SHUT DOWN UPON RECEIPT OF A GENERAL FIRE ALARM IF SUCH A FUNCTION IS REQUIRED PER APPLICABLE BUILDING CODES.

ELEVATOR CONTRACTOR SHALL MAKE ALL NECESSARY CONTROL CONNECTIONS INSIDE ELEVATOR CONTROL EQUIPMENT AND PROVIDE A REPRESENTATIVE IN A TIMELY MANNER TO FACILITATE AN ELEVATOR SYSTEMS PRETEST PRIOR TO REQUESTING AN ELEVATOR SYSTEMS FINAL INSPECTION,

ELECTRICAL CONTRACTOR SHALL PROVIDE ALL REQUIRED 120V 20 AMP DEDICATED CIRCUITS AS NECESSARY TO POWER ALL FIRE ALARM CONTROL EQUIPMENT AND LABEL ELECTRICAL SERVICE PANEL CLEARLY IN RED TO INDICATE FIRE ALARM POWER CIRCUITS. ALL FIRE ALARM POWER CIRCUIT BREAKERS WILL HAVE LOCK OUT DEVICES INSTALLED BY ELECTRICAL CONTRACTOR.

ELECTRICAL CONTRACTOR SHALL PROVIDE AND TERMINATE ALL REQUIRED CONNECTIONS TO SMOKE DAMPERS IF PRESENT AND PROVIDE AND TERMINATE THE LINE VOLTAGE POWER CONNECTIONS TO A 24VDC COIL RELAY LOCATED AT THE FIRE ALARM CONTROL PANEL TO FACILITATE CONNECTION TO SAID RELAY FOR THE PURPOSE OF ACTIVATING SMOKE DAMPER UPON RECEIPT OF GENERAL FIRE ALARM

ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT NECESSARY TO FACILITATE ACCESS TO OTHERWISE UNREACHABLE PORTIONS OF THE STRUCTURE AND/ OR LOCATIONS DETACHED FROM THE STRUCTURE THAT REQUIRE CONNECTION TO FIRE ALARM SYSTEM INCLUDING BUT NOT LIMITED TO SPRINKLER SYSTEM POST INDICATOR, VALVES REMOTE WATER SUPPLY PITS THAT WILL CONTAIN TAMPER SWITCHES, ETC.

6)ELECTRICAL CONTRACTOR SHALL PROVIDE ALL BOXES AND HARDWARE NECESSARY TO FACILITATE ABOVE LISTED ELECTRICAL SCOPE OF SYSTEMS INTEGRATION.

GENERAL CONTRACTOR SHALL COORDINATE AND BE MADE RESPONSIBLE FOR THE COMPLETION OF ALL TRADES INVOLVED IN THE FIRE ALARM SYSTEM INSTALLATION PROCESS. GENERAL CONTRACTOR SHALL ADHERE TO THE REQUIREMENTS OF THE BELOW LISTED FIRE ALARM SYSTEMS COMPLETION CHECK LIST AND THIS SECTION AND WILL ENSURE ALL ASPECTS OF WORK HAVE BEEN COMPLETED PRIOR TO REQUESTING A FINAL FIRE ALARM SYSTEMS INSPECTION.

THESE DRAWINGS RELATE TO FIRE ALARM INSTALLATION ONLY AND IN NO WAY SHOULD BE CONSTRUED AS GENERAL CONSTRUCTION DOCUMENTS OR AN ADDENDUM TO ANY OTHER CONSTRUCTION DRAWINGS.

INSTALLATION NOTES

ALL CIRCUITS TO BE CLASS B SUPERVISION, FIRE ALARM SYSTEM TO REPORT BY DEVICE ADDRESSABLE POINT IN MULTIPLEX SYSTEM OR BY ZONE IN CONVENTIONAL SYSTEMS AS NOTED IN SUBMITTAL DOCUMENTS AND THIS PAGE

ALL WIRING TO BE FIRE POWER LIMITED AND PROPERLY RATED FOR INSTALLATION ENVIRONMENT

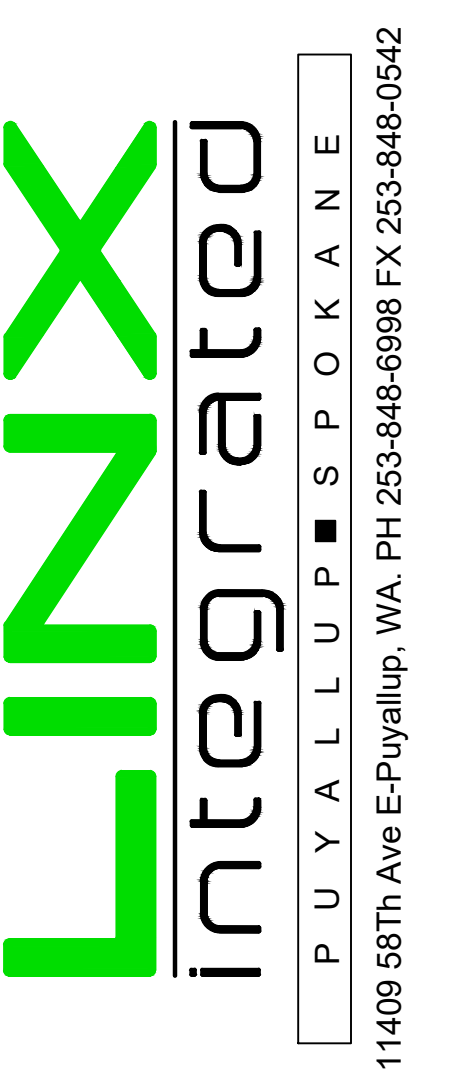
SMOKE DETECTORS SHALL NOT BE INSTALLED CLOSER THAN 36" TO ANY HVAC INLET/OUTLET

AREA SMOKE DETECTORS SHALL NOT BE INSTALLED MORE THAN 30' APART CENTER TO CENTER AND NO MORE THAN 15' FROM ANY WALL OR PROTECTED AREA

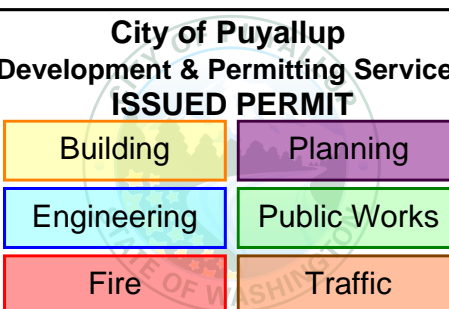
CORRIDOR SMOKE DETECTORS SHALL NOT BE INSTALLED MORE THAN 42' APART CENTER TO CENTER AND NO MORE THAN 15' FROM ANY WALL OR PROTECTED AREA

ALL WALL MOUNTED NOTIFICATION AND INITIATING DEVICES SHALL BE MOUNTED PER MOUNTING DETAIL ON THIS PAGE

FACP TO BE OPERATED AT A TEMPERATURE NO LOWER THAN 32 DEGREES

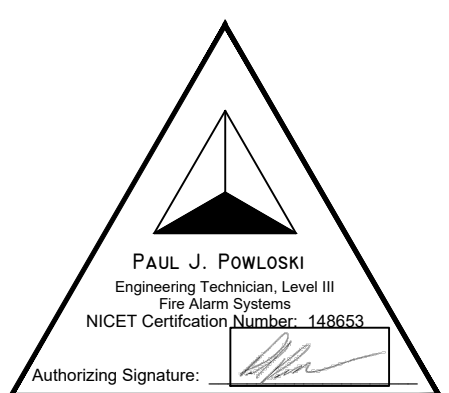


CITY APPROVAL STAMP



PROJECT NAME: COPPERBERRY CONDOS
 DRAWING TYPE: FIRE ALARM PLAN
 PROJECT LOCATION: 4002 10TH ST SE PUYALLUP, WA 98374

DESIGNER OF RECORD



PLAN SET NOTES	1	2	3	4	5	6	7

PROJECT NUMBER: LC241002

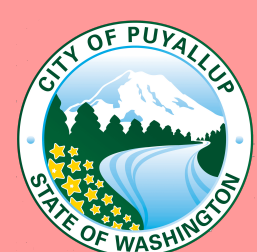
SHEET NAME: COVER PAGE

DRAWN: CW DATE: 02/26/2024

DRAWING NUMBER: FA000

City of Puyallup Fire REVIEWED FOR COMPLIANCE

DDrake
04/15/2024
10:35:58 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.

POTTER
The Symbol of Protection

Project Name: Copperberry South
 Alarm Mins: 5
 Efficiency Factor: 20%
 SUC Type: Class B
 NAC Source Voltage: 24.4

Model #: AFC-50
 Max Panel Current (amps): 5
 Panel ID: _____
 Location: _____

User assumes all responsibility to ensure the quantities and current draw values in this worksheet are accurate prior to submission.

Panel Standby:	Panel Alarm:
0.130	0.220
0.130	0.220

Model #	Device	Standby	Alarm
LD-1000/10	Smart Card	0.016	0.023
RA-4075/R	LED Annunciator	0.020	0.025
RA-1000/P/F	Flash Mount LED Annunciator	0.020	0.020
LD-16 FT	Flash Mount LED Annunciator	0.025	0.025
LD-16 FT*	LED Annunciator LED Power*	0.030	0.030
CA-6075	Class A Module	0.032	0.044
PSA-1000/E	Power Expander	0.015	0.015
PA1000-112T-127	SIC Expander	0.060	0.060
NONM-SLIC-127**	SIC Expander	0.060	0.060
DC-6	Initiating Zone Expander	0.020	0.020
DC-6	Initiating Zone Expander Power*	0.030	0.020
RLV-5	Relay Expander	0.025	0.025
RLV-5	Relay Expander Power*	0.030	0.035
DIV-50	LED Driver Module	0.025	0.025
DIV-50	LED Driver Module LED Power*	0.030	0.035
FB-1000	Fiber Communications Bridge	0.025	0.025
FB-1000	Fiber Interface Board	0.030	0.030
MC-1000	Multi-Connect Expander	0.030	0.030
MC-1000	Serial Remote Control	0.040	0.040
NCE-1000	Network Card Ethernet	0.050	0.050
NCT-1000	Network Card Fiber	0.050	0.050

AFC / ARC / RA Series - PA1000/200

Model #	Device	Standby	Alarm
PA0-PD	Analog Photo Smoke	0.00030	0.00030
PA0-PHD	Analog Photo Smoke/Heat	0.00030	0.00030
PA0-HD	Analog Fixed Temp Heat	0.00030	0.00030
PA0-CD	Analog Carbon Monoxide Detector	0.00030	0.00030
PA0-PCD	Analog Smoke/Heat/Carbon Detector	0.00030	0.00030
PA0-PHCD	Analog Smoke/Heat/Carbon Detector	0.00030	0.00030
PA0100-2475	Dual Remote Not Inhibit	0.02000	0.02000
PA0-DUCT	Addressable Dust Detector	0.00030	0.00030
PA0-DUCT*	Addressable Dust Detector w/Relay	0.00030	0.00030
PA0100-PSA/PSDA	Addressable Not Inhibit Single/Dual Action	0.00200	0.00200
PA0100-MM	Mini Input Module	0.00030	0.00030
PA0100-SIM	Single Input Module	0.00040	0.00040
PA0100-IM	Dual Input Module	0.00040	0.00040
PA0100-IM	Relay Module	0.00040	0.00040
PA0100-ORD	Dir. Relay Dir. Input Module	0.00040	0.00040
PA0100-TM	Two Relay Dir. Input Module	0.00040	0.00040
PA0100-CM*	Conventional Zone Module	0.00040	0.00040
PA0100-NAC*	Not Inhibit Appliance Circuit	0.00030	0.00030
PA0100-SM	Speaker Module	0.00030	0.00030
PA0100-IM	Isolator Module	0.00150	0.00150
PA0100-LD	LED Module	0.00040	0.00040
PA0100-LED*	Addressable LED w/ Key Switch	0.00030	0.00030
PA0100-SB**	Addressable Sounder Base	0.00030	0.00030
PA0100-SB***	Addressable Low Frequency Sounder Base	0.00030	0.00030
PA0100-RB*	Addressable Relay Base	0.00030	0.00030
PA0100-IB	Addressable Isolator Base	0.00150	0.00150

AFC / ARC / RA Series - PA200

Model #	Device	Standby	Alarm
PA0300-PD	Analog Photo Smoke	0.00030	0.00030
PA0300-PD-I	Analog Photo Smoke w/ Isolator	0.00030	0.00030
PA0300-PHD	Analog Photo Smoke/Heat	0.00030	0.00030
PA0300-PHD-I	Analog Photo Smoke/Heat/Isolator	0.00030	0.00030
PA0300-HD	Analog Fixed Temp Heat	0.00030	0.00030
PA0300-CD	Analog CO2 Detector	0.00030	0.00030
PA0300-CD-I	Analog CO2 Detector w/ Isolator	0.00030	0.00030
PA0300-PCD	Analog Smoke/CO2 Detector	0.00030	0.00030
PA0300-PCD-I	Analog Smoke/CO2 Detector w/ Isolator	0.00030	0.00030
PA0300-PHCD	Analog Smoke/Heat/CO2 Detector	0.00030	0.00030
PA0300-PHCD-I	Analog Smoke/Heat/CO2 Detector w/ Isolator	0.00030	0.00030
PA0300-DD	Addressable Dust Detector	0.00030	0.00030
PA0300-SB**	Addressable Sounder Base	0.00030	0.00030
PA0300-SB***	Addressable Low Frequency Sounder Base	0.00030	0.00030
PA0300-RB*	Addressable Relay Base	0.00030	0.00030
PA0300-IB	Addressable Isolator Base	0.00150	0.00150

PG-4000 / P Series

Model #	Device	Standby	Alarm
PSA	Analog Photo Smoke	0.00035	0.00035
PSHA	Analog Photo Smoke/Heat	0.00035	0.00035
PSA	Analog Rate of Rise Heat	0.00035	0.00035
PSA	Analog Fixed Temp Heat	0.00035	0.00035
DSA	Addressable Dust Detector	0.00035	0.00035
SA-SALAPS-DA	Addressable Not Inhibit Single/Dual Action	0.00035	0.00035
MCM	Mini Contact Input Module	0.00035	0.00035
DCM-4	Single Contact Input Module	0.00035	0.00100
DCM-4	Dual Contact Input Module	0.00035	0.00100
TM-4	Temp Relay Output Module	0.00035	0.00100
CCM-4*	Conventional Zone Input Module	0.00035	0.00100
MCM-4*	Monitor of Output Module	0.00035	0.00100
ASB*	Detector Base w/Relay	0.00035	0.00035
ASB*	Detector Base w/Sounder	0.00035	0.00035
SG**	Short Circuit Isolator (Class A)	0.00035	0.00240
ASB**	Detector Base w/Isolator (Class A)	0.00035	0.00240
IM/S/SCI/AS Class B**	Current Draw from Install Manual	0.00000	0.00000

* Requires Aux Power (Configure Below)
 ** See the installation manual for special considerations when installing IM, IM-R, IM-SI devices on Class B loops.
 *** Requires Aux Sounder Base Power (Configure Below)

NAC Circuit Configuration & Voltage Drop

Usage: Notification Description: BPS Trigger

#12 Solid	2.01	10	0.040	0.000	20.40	16
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1 Other Notification Description: Potter PSC-30-24 Bell

#12 Solid	2.01	15	0.060	0.000	20.40	16
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1 Other Notification Description: Potter PSC-30-24 Bell

#12 Solid	2.01	15	0.060	0.000	20.40	16
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Usage: Notification Description: Bell Circuit

#12 Solid	2.01	15	0.060	0.000	20.40	16
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POTTER
The Symbol of Protection

Project Name: COPPERBERRY SOUTH
 Standby Hours: 24
 Alarm Mins: 5
 Efficiency Factor: 20%

Installed By: CURTIS WALTER
 Designed By: CURTIS WALTER
 Date: _____
 NAC Source Voltage: 20.4

Model #: PSN-64
 Max Panel Current (amps): 6
 Panel ID: _____
 Location: SPRINKLER RISER ROOM

User assumes all responsibility to ensure the quantities and current draw values in this worksheet are accurate prior to submission.

Panel Standby:	Panel Alarm:
0.075	0.075
0.075	0.075

Class B	Standby	Alarm
Class B	0.00000	0.64200
Class B	0.00000	0.58600
Class B	0.00000	0.86200
Class B	0.00000	0.00000
NAC Standby:	0.00000	NAC Alarm: 2.67600

Panel Current: 0.07500 0.07500
 NAC Circuit Current: 0.00000 2.67600
 Total Standby: 0.075000 Total Alarm: 2.75100
 Standby Hours: 24 Alarm Mins: 5
 AH Required: 1.80 AH Required: 0.23
 Total Combined Standby & Alarm Hours Required: 2.03
 Safety Margin: 20%
 Required Battery AmpHours: 2.44
 Battery AmpHours Provided: _____

NAC Circuit Configuration & Voltage Drop

Usage: Class B Description: _____

#12 Solid	2.01	96	0.386	0.642	20.15	16
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6	Horn Strobes	SYSTEM S PCZW1, 15	0.00000	0.00000	0.107000	0.642000
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Usage: Class B Description: _____

#12 Solid	2.01	132	0.531	0.586	20.09	16
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4	Horns	SYSTEM S HW-LF	0.000000	0.000000	0.138000	0.552000
2	MiniHorns	SYSTEM S MHW	0.000000	0.000000	0.017000	0.034000

Usage: Class B Description: _____

#12 Solid	2.01	140	0.563	0.586	20.07	16
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4	Horns	SYSTEM S HW-LF	0.000000	0.000000	0.138000	0.552000
2	MiniHorns	SYSTEM S MHW	0.000000	0.000000	0.017000	0.034000

Usage: Class B Description: _____

#12 Solid	2.01	152	0.611	0.862	19.87	16
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6	Horns	SYSTEM S HW-LF	0.000000	0.000000	0.138000	0.828000
2	MiniHorns	SYSTEM S MHW	0.000000	0.000000	0.017000	0.034000

Usage: Class B Description: _____

#12 Solid	2.01	152	0.611	0.862	19.87	16
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Usage: Class B Description: _____

#12 Solid	2.01	152	0.611	0.862	19.87	16
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CITY APPROVAL STAMP

City of Puyallup
 Development & Permitting Services
 ISSUED PERMIT

Building Planning
 Engineering Public Works
 Fire Traffic

COPPERBERRY CONDOS
 FIRE ALARM PLAN
 4002 10TH ST SE
 PUYALLUP, WA 98374

DESIGNER OF RECORD

PAUL J. POWLOSKI
 Engineering Technician, Level III
 Fire Alarm Systems
 NICET Certification Number: 148653
 Authorizing Signature: _____

PLAN SET NOTES

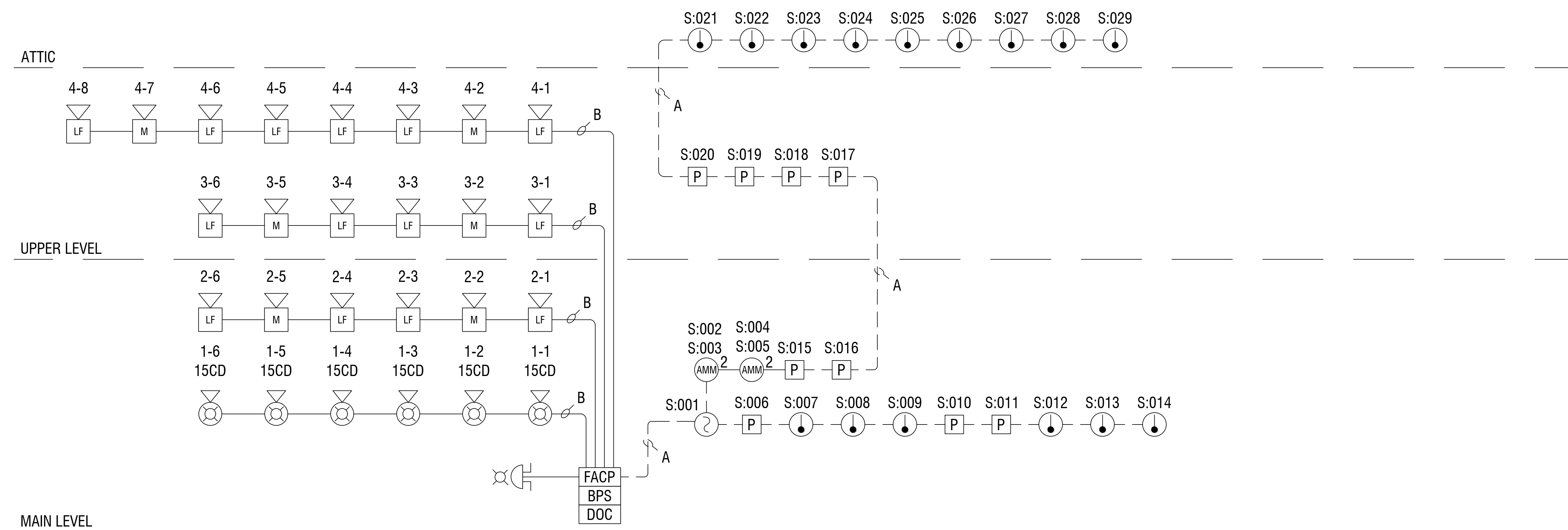
1	2	3	4	5	6	7
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PROJECT NUMBER: LC241002
 SHEET NAME: BATTERY CALCS
 DRAWN: CW DATE: 02/26/2024
 DRAWING NUMBER: FA001

CITY APPROVAL STAMP

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic



PROJECT NAME
 COPPERBERRY CONDOS

PROJECT TYPE
 FIRE ALARM PLAN

PROJECT LOCATION
 4002 10TH ST SE
 PUYALLUP, WA 98374

DESIGNER OF RECORD

PAUL J. POWLOSKI
 Engineering Technician, Level II
 Fire Alarm Systems
 NICTET Certification Number: 14853
 Authorizing Signature: _____

PLAN SET NOTES

PROJECT NUMBER
 LC241002

SHEET NAME
 RISER

DATE
 02/26/2024

DRAWING NUMBER
 CW

DRAWING NUMBER
 FA002

CITY APPROVAL STAMP

City of Puyallup
 Development & Permitting Services
 ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PROJECT NAME
COPPERBERRY CONDOS

PROJECT TYPE
FIRE ALARM PLAN

PROJECT LOCATION
**4002 10TH ST SE
 PUYALLUP, WA 98374**

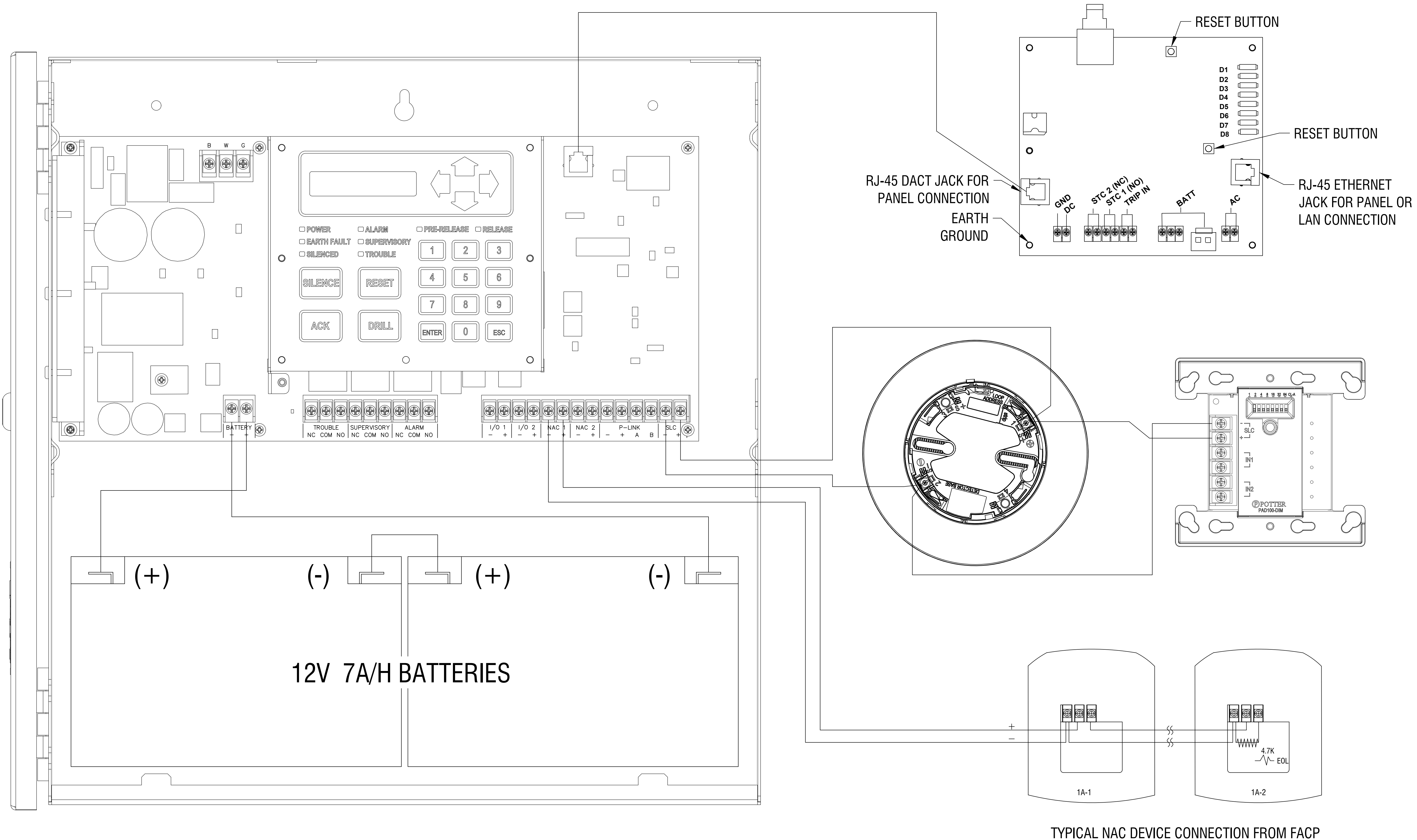
DESIGNER OF RECORD

PAUL J. POWLOSKI
 Engineering Technician, Level II
 Fire Alarm Systems
 NICTET Certification Number: 14853
 Authorizing Signature: _____

PLAN SET NOTES

PROJECT NUMBER	LC241002
SHEET NAME	AFC-50 CONNECTION DETAIL
DRAWN	CW
DATE	02/26/2024
DRAWING NUMBER	

FA003



TYPICAL NAC DEVICE CONNECTION FROM FACP

POTTER PAD PROTOCOL SLC DEVICE ADDRESSING INFORMATION

PAD Device Dip Switch Addresses Table (Addresses 1-78)																															
Switch Number							Switch Number							Switch Number																	
Address	1	2	4	8	16	32	64	Address	1	2	4	8	16	32	64	Address	1	2	4	8	16	32	64	Address	1	2	4	8	16	32	64
1	●							27	●	●		●	●			53	●		●		●	●									
2		●						28		●		●	●			54		●	●		●	●									
3	●	●						29	●			●	●			55	●	●	●		●	●									
4			●					30		●		●	●			56				●	●										
5	●		●					31	●	●		●	●			57	●			●	●										
6		●	●					32						●		58		●		●	●										
7	●	●	●					33	●					●		59	●	●		●	●										
8				●				34		●				●		60			●	●	●										
9	●			●				35	●	●				●		61	●			●	●										
10		●		●				36			●			●		62		●	●	●	●										
11	●	●		●				37	●		●			●		63	●	●	●	●	●										
12			●	●				38		●	●			●		64											●				
13	●		●	●				39	●	●	●			●		65	●														
14		●	●	●				40				●		●		66		●									●				
15	●	●	●	●				41	●			●		●		67	●	●									●				
16					●			42		●		●		●		68			●								●				
17	●				●			43	●	●		●		●		69	●		●								●				
18		●			●			44			●			●		70		●									●				
19	●	●			●			45	●		●			●		71	●	●	●								●				
20			●		●			46		●	●			●		72				●							●				
21	●		●		●			47	●	●	●			●		73	●			●							●				
22		●	●		●			48					●		74		●		●								●				
23	●	●	●		●			49	●				●		75	●	●										●				
24			●		●			50		●			●		76			●	●								●				
25	●		●		●			51	●	●			●		77	●		●	●								●				
26		●		●	●			52			●		●		78		●	●	●								●				

NOTE: Each Box With Circle (●) Indicates Dip Switch is "ON", Each Empty Box Indicates "OFF"

PAD Device Dip Switch Addresses Table (Addresses 79 - 127)																														
Switch Number							Switch Number							Switch Setting Examples																
Address	1	2	4	8	16	32	64	Address	1	2	4	8	16	32	64															
79	●	●	●	●			●	105	●			●	●			●														
80					●		●	106		●		●	●			●														
81	●				●		●	107	●	●		●	●			●														
82		●			●		●	108			●			●		●														
83	●	●			●		●	109	●		●			●		●														
84			●		●		●	110		●	●			●		●														
85	●		●		●		●	111	●	●				●		●														
86		●	●		●		●	112					●		●															
87	●	●	●		●		●	113	●					●		●														
88				●	●		●	114		●				●		●														
89	●			●	●		●	115	●	●				●		●														
90		●		●	●		●	116			●			●		●														
91	●	●		●	●		●	117	●		●			●		●														
92			●		●		●	118		●				●		●														
93	●		●		●		●	119	●	●				●		●														
94		●	●		●		●	120					●		●															
95	●	●	●		●		●	121	●				●		●															
96					●		●	122		●				●		●														
97	●				●		●	123	●	●				●		●														
98		●			●		●	124			●			●		●														
99	●	●			●		●	125	●		●			●		●														
100			●		●		●	126		●				●		●														
101	●		●		●		●	127	●	●				●		●														
102		●	●		●		●							●		●														
103	●	●			●		●							●		●														
104				●			●							●		●														

Switch Setting Examples

1 2 4 8 16 32 64 ON OFF
 [●] [●] [●] [●] [●] [●] [●] ON OFF

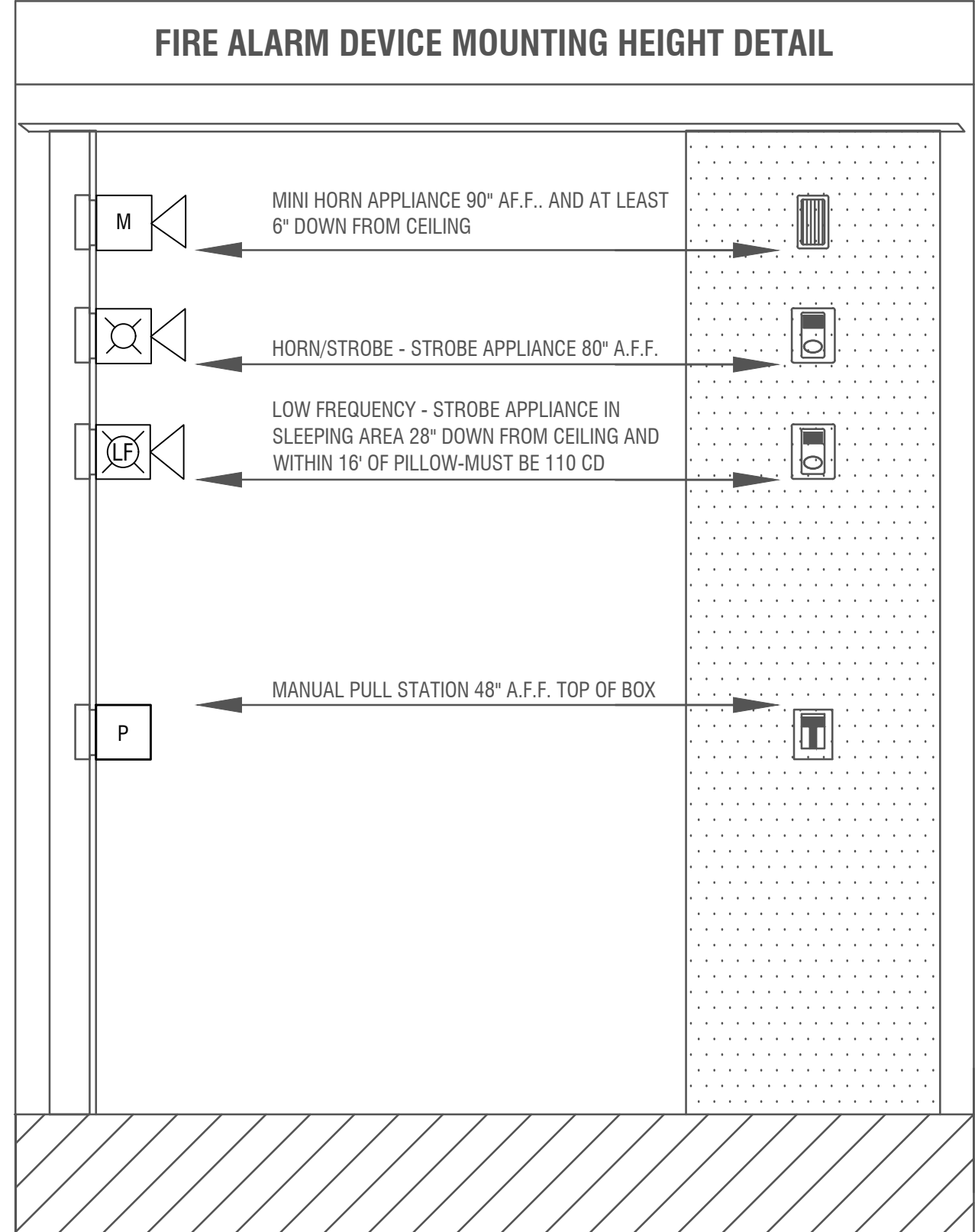
All dip switches are set to the default "OFF" position. (Device Not Addressed)

1 2 4 8 16 32 64 ON OFF
 [●] [●] [●] [●] [●] [●] [●] ON OFF

Dip switches set for address 42. Switches #2, 8 & 32 are "ON". (2 + 8 + 32 = 42)

1 2 4 8 16 32 64 ON OFF
 [●] [●] [●] [●] [●] [●] [●] ON OFF

Dip switches set for address 90. Switches #2, 8, 16 & 64 are "ON". (2 + 8 + 16 + 64 = 90)



CITY APPROVAL STAMP

City of Puyallup
 Development & Permitting Services
 ISSUED PERMIT

Building Planning
 Engineering Public Works
 Fire Traffic

PROJECT NAME: COPPERBERRY CONDOS
 PROJECT TYPE: FIRE ALARM PLAN
 PROJECT LOCATION: 4002 10TH ST SE PUYALLUP, WA 98374

DESIGNER OF RECORD

PAUL J. POWLOSKI
 Engineering Technician, Level III
 Fire Alarm Systems
 NICET Certification Number: 14853

PLAN SET NOTES

1	2	3	4	5	6	7
---	---	---	---	---	---	---

PROJECT NUMBER: LC241002
 SHEET NAME: DETAIL
 DRAWN: CW DATE: 02/26/2024
 DRAWING NUMBER:

FA004

CITY APPROVAL STAMP

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PROJECT NAME
COPPERBERRY CONDOS

PROJECT TYPE
FIRE ALARM PLAN

PROJECT LOCATION
**4002 10TH ST SE
 PUYALLUP, WA 98374**

DESIGNER OF RECORD

PAUL J. POWLOSKI
 Engineering Technician, Level II
 Fire Alarm Systems
 NICEET Certification Number: 14853
 Authorizing Signature: _____

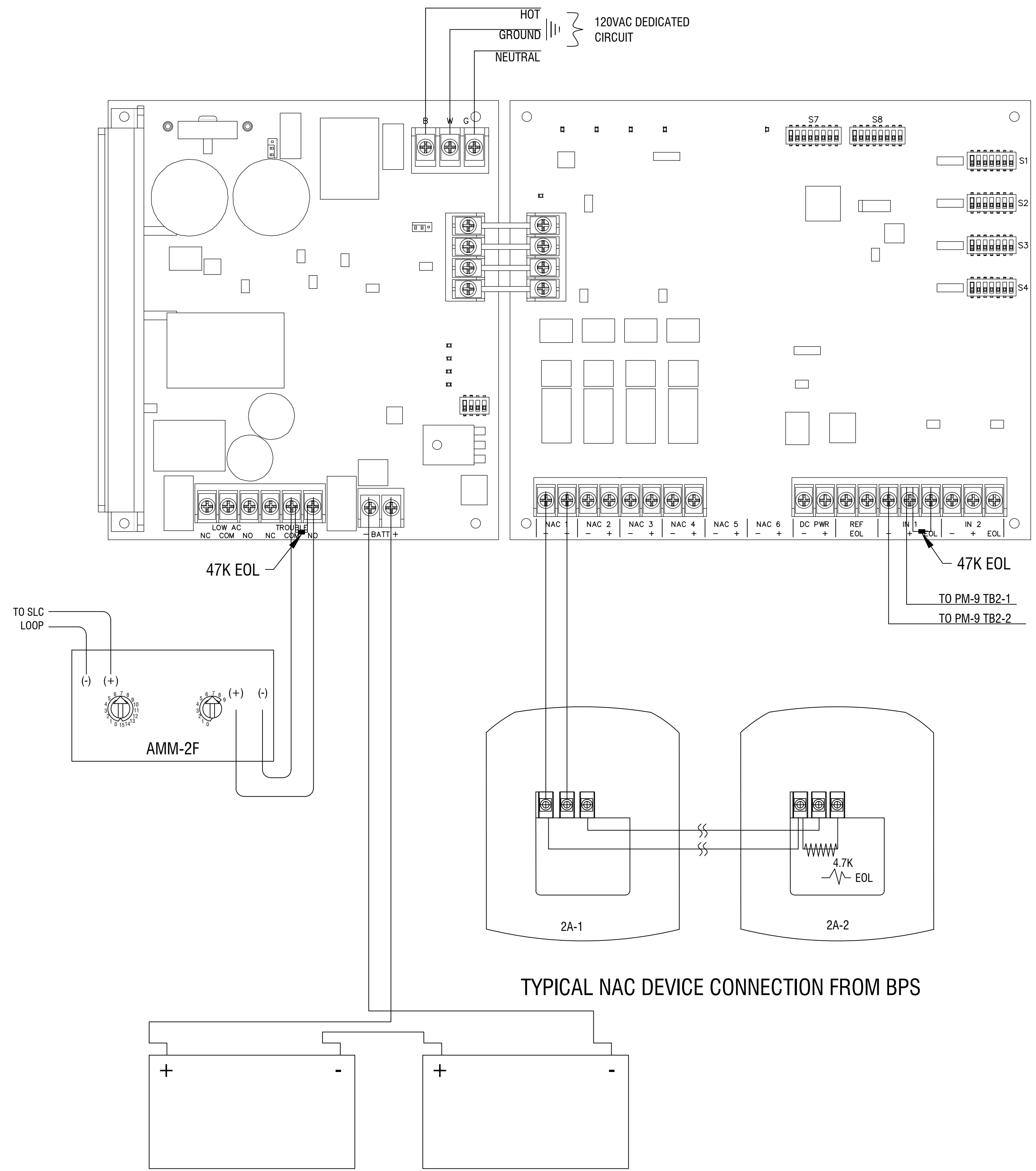
PLAN SET NOTES

PROJECT NUMBER
LC241002

SHEET NAME
POTTER PSN-64 CONNECTION DETAIL

DRAWN: CW DATE: 02/26/2024

DRAWING NUMBER
FA005



TYPICAL NAC DEVICE CONNECTION FROM BPS

TYPICAL NAC DEVICE CONNECTION FROM FACP

TYPICAL SLC DEVICE CONNECTIONS (POTTER PSN-64)

1	2	3	4	5	6	7
---	---	---	---	---	---	---

CITY APPROVAL STAMP

**City of Puyallup
 Development & Permitting Services
 ISSUED PERMIT**

Building	Planning
Engineering	Public Works
Fire	Traffic

PROJECT NAME
COPPERBERRY CONDOS

PERMIT TYPE
FIRE ALARM PLAN

PROJECT LOCATION
**4002 10TH ST SE
 PUYALLUP, WA 98374**

DESIGNER OF RECORD

PAUL J. POWLOSKI
 Engineering Technician, Level II
 Fire Alarm Systems
 NICTET Certification Number: 14853
 Authorizing Signature: _____

PLAN SET NOTES

1	2	3	4	5	6	7
---	---	---	---	---	---	---

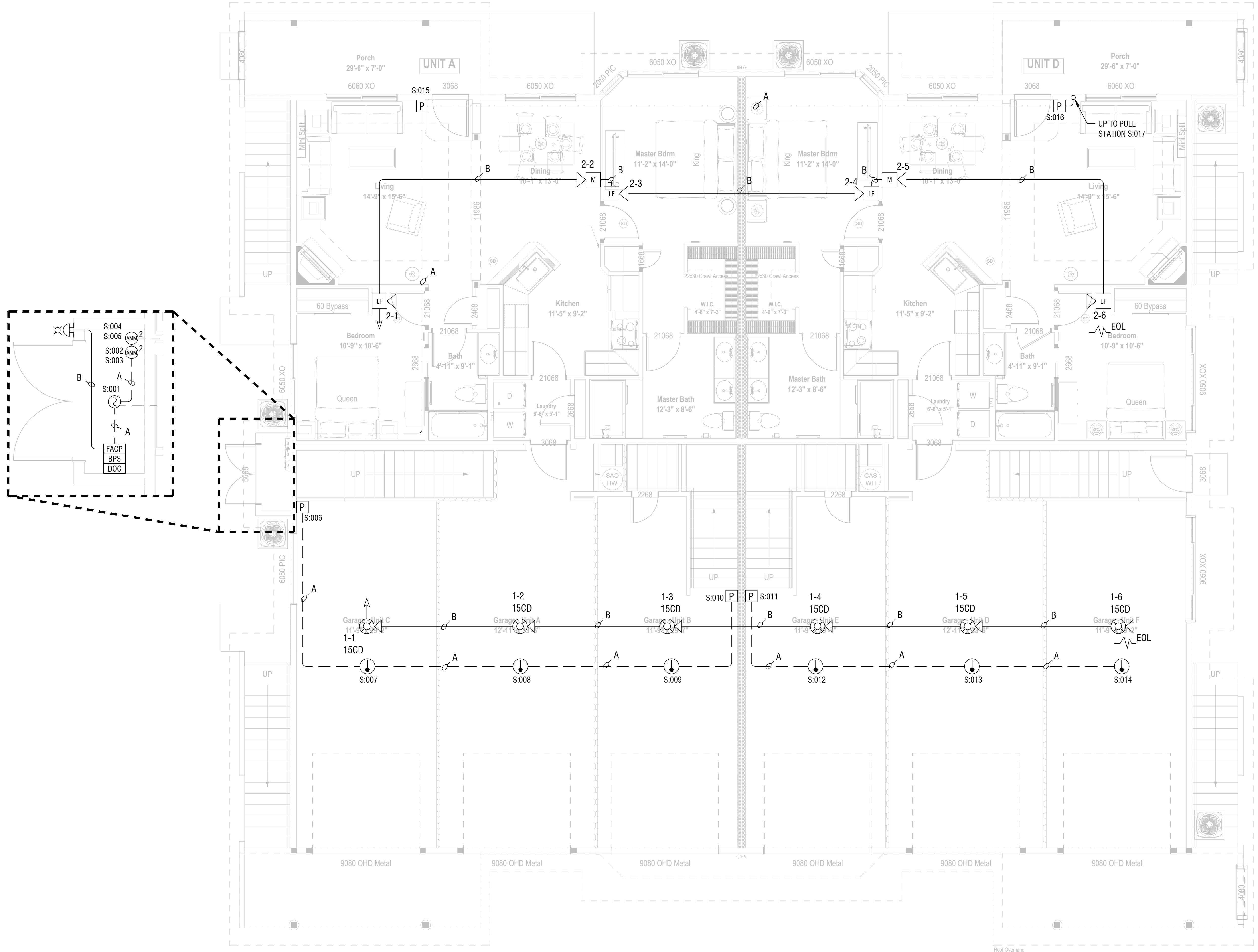
PROJECT NUMBER
LC241002

SHEET NAME
MAIN FLOOR

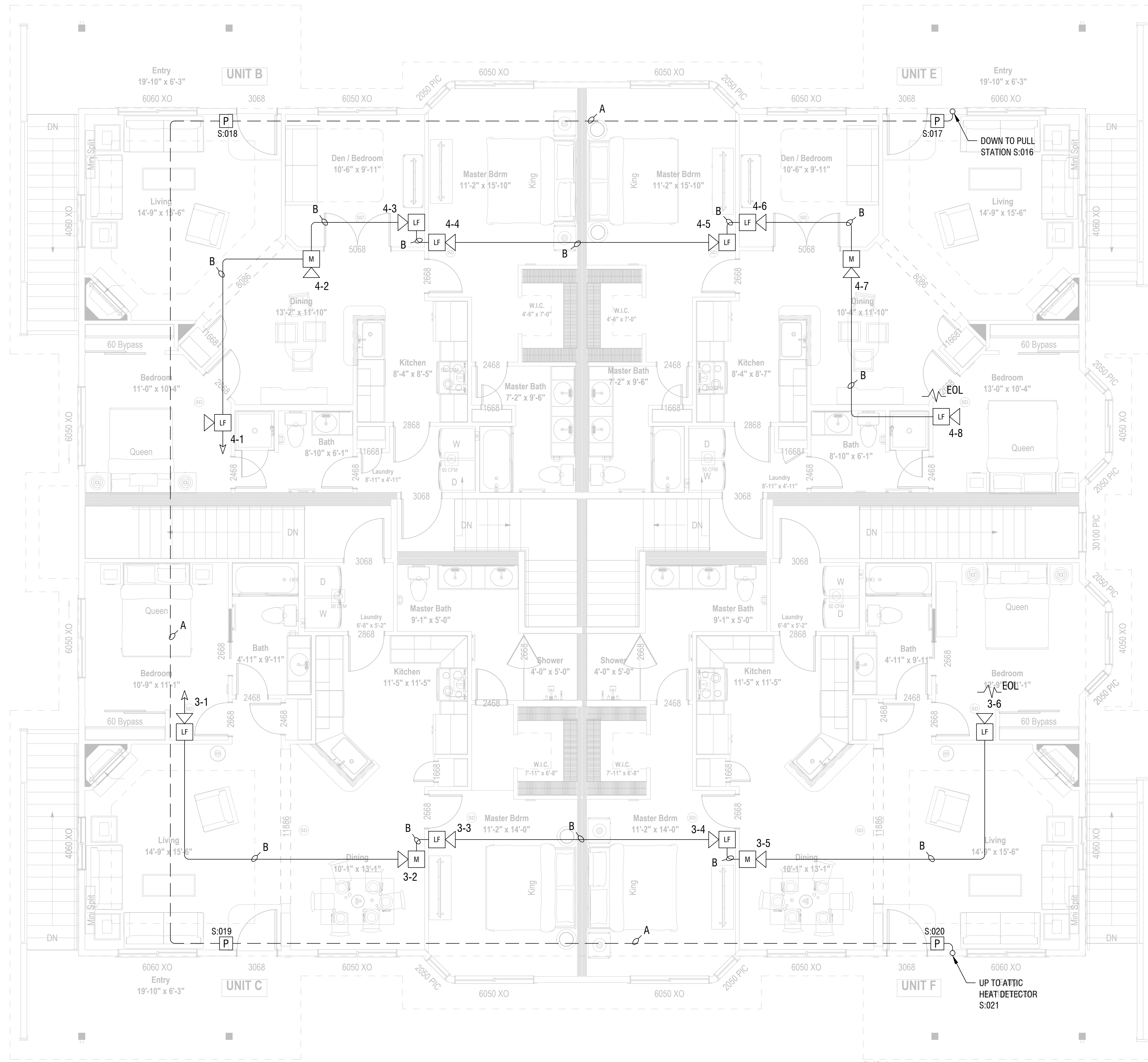
DRAWN
 CW

DATE
 02/26/2024

DRAWING NUMBER
FA100



MAIN FLOOR
 1/4" = 1'-0"



UPPER FLOOR
1/4" = 1'-0"

CITY APPROVAL STAMP

City of Puyallup
Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PROJECT NAME
COPPERBERRY CONDOS

PROJECT TYPE
FIRE ALARM PLAN

PROJECT LOCATION
**4002 10TH ST SE
PUYALLUP, WA 98374**

DESIGNER OF RECORD

PAUL J. POWLOSKI
Engineering Technician, Level II
Fire Alarm Systems
NICEET Certification Number: 148653
Authorizing Signature: _____

PLAN SET NOTES

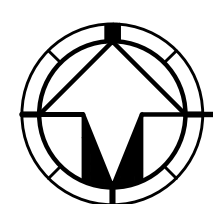
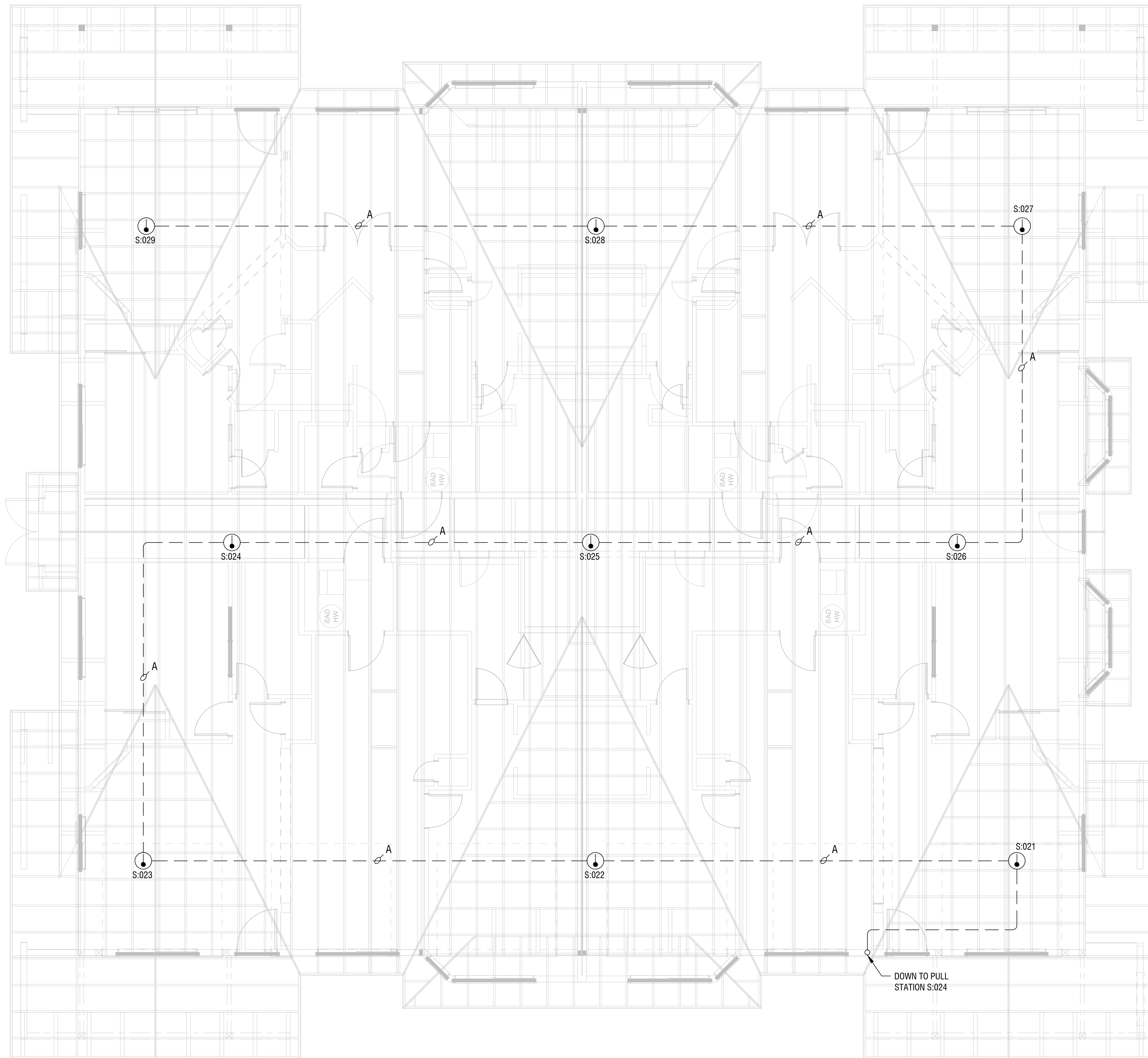
PROJECT NUMBER
LC241002

SHEET NAME
UPPER FLOOR

DRAWN: CW DATE: 02/26/2024

DRAWING NUMBER

FA101



ATTIC PLAN

1/4" = 1'-0"

CITY APPROVAL STAMP

City of Puyallup
 Development & Permitting Services
ISSUED PERMIT

Building	Planning
Engineering	Public Works
Fire	Traffic

PROJECT NAME
COPPERBERRY CONDOS
 PROJECT TYPE
FIRE ALARM PLAN
 PROJECT LOCATION
**4002 10TH ST SE
 PUYALLUP, WA 98374**

DESIGNER OF RECORD

PAUL J. POWLOSKI
 Engineering Technician, Level II
 Fire Alarm Systems
 NICET Certification Number: 14853
 Authorizing Signature: _____

PLAN SET NOTES

PROJECT NUMBER
 LC241002

SHEET NAME
 ATTIC PLAN

DRAWN: CW DATE: 02/26/2024

DRAWING NUMBER

FA102